

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087001.D
 Acq On : 13 Jun 2025 15:06
 Operator : JC\MD
 Sample : VN0613WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025

Quant Time: Jun 14 00:28:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	180967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116534	48.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	8.177	113	99231	51.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.400%		
50) Toluene-d8	10.570	98	370479	48.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.500%		
62) 4-Bromofluorobenzene	12.847	95	142094	50.331	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	37953	21.034	ug/l	99
3) Chloromethane	2.400	50	43252	18.563	ug/l	98
4) Vinyl Chloride	2.553	62	53719	22.350	ug/l	97
5) Bromomethane	3.000	94	25049	18.623	ug/l	95
6) Chloroethane	3.153	64	34063	21.940	ug/l	95
7) Trichlorofluoromethane	3.530	101	67248	21.415	ug/l	100
8) Diethyl Ether	3.983	74	30162	22.045	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.400	101	42369	21.475	ug/l	99
10) Methyl Iodide	4.612	142	23237	9.086	ug/l	98
11) Tert butyl alcohol	5.541	59	67955	103.363	ug/l	98
12) 1,1-Dichloroethene	4.365	96	44954	22.318	ug/l	91
13) Acrolein	4.200	56	35622	171.174	ug/l	98
14) Allyl chloride	5.047	41	64592	19.336	ug/l	96
15) Acrylonitrile	5.741	53	160728	104.594	ug/l	100
16) Acetone	4.447	43	123697	96.269	ug/l	95
17) Carbon Disulfide	4.736	76	130578	23.437	ug/l	100
18) Methyl Acetate	5.047	43	64257	17.161	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	154323	21.160	ug/l	99
20) Methylene Chloride	5.300	84	50756	21.099	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	47940	21.392	ug/l	95
22) Diisopropyl ether	6.688	45	145393	20.648	ug/l	99
23) Vinyl Acetate	6.618	43	646099	108.602	ug/l	98
24) 1,1-Dichloroethane	6.588	63	85045	20.987	ug/l	98
25) 2-Butanone	7.494	43	207598	99.397	ug/l	95
26) 2,2-Dichloropropane	7.506	77	68840	21.839	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	57376	21.408	ug/l	98
28) Bromochloromethane	7.824	49	44327	22.248	ug/l	94
29) Tetrahydrofuran	7.853	42	137137	100.794	ug/l	95
30) Chloroform	7.977	83	84649	20.918	ug/l	99
31) Cyclohexane	8.265	56	77980	19.843	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	70349	20.439	ug/l	98
36) 1,1-Dichloropropene	8.382	75	62704	21.922	ug/l	99
37) Ethyl Acetate	7.571	43	77461	21.274	ug/l	100
38) Carbon Tetrachloride	8.371	117	60473	21.535	ug/l	99
39) Methylcyclohexane	9.606	83	75840	19.353	ug/l	97
40) Benzene	8.612	78	202406	21.640	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	41831	20.456	ug/l	96
42) 1,2-Dichloroethane	8.677	62	62902	22.173	ug/l	99
43) Isopropyl Acetate	8.694	43	120374	20.598	ug/l	96
44) Trichloroethene	9.359	130	48309	21.782	ug/l	100
45) 1,2-Dichloropropane	9.623	63	49577	21.787	ug/l	98
46) Dibromomethane	9.712	93	34302	22.695	ug/l	98
47) Bromodichloromethane	9.894	83	67450	21.690	ug/l	100
48) Methyl methacrylate	9.688	41	54551	20.281	ug/l	96
49) 1,4-Dioxane	9.706	88	21769	444.867	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	362032	102.903	ug/l	98
52) Toluene	10.629	92	126116	22.064	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	75922	21.834	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	82774	22.247	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	48792	22.184	ug/l	97
56) Ethyl methacrylate	10.882	69	76622	21.872	ug/l	97
57) 1,3-Dichloropropane	11.165	76	84223	22.075	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	213004	101.943	ug/l	98
59) 2-Hexanone	11.206	43	220012	97.085	ug/l	92
60) Dibromochloromethane	11.359	129	53072	23.160	ug/l	100
61) 1,2-Dibromoethane	11.470	107	50474	22.389	ug/l	99
64) Tetrachloroethene	11.106	164	38118	20.953	ug/l	93
65) Chlorobenzene	11.894	112	138331	21.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	44867	22.016	ug/l	99
67) Ethyl Benzene	11.965	91	230147	21.075	ug/l	99
68) m/p-Xylenes	12.070	106	181334	43.378	ug/l	99
69) o-Xylene	12.400	106	87167	21.772	ug/l	97
70) Styrene	12.412	104	146813	21.429	ug/l	99
71) Bromoform	12.582	173	35564	23.552	ug/l #	98
73) Isopropylbenzene	12.694	105	213224	20.440	ug/l	100
74) N-amyl acetate	12.529	43	59296	16.267	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	78532	22.222	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	69154m	20.318	ug/l	
77) Bromobenzene	12.982	156	52646	22.007	ug/l	98
78) n-propylbenzene	13.035	91	252489	19.917	ug/l	98
79) 2-Chlorotoluene	13.123	91	156960	20.646	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	175480	20.375	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	30829	20.850	ug/l	97
82) 4-Chlorotoluene	13.223	91	162398	21.111	ug/l	99
83) tert-Butylbenzene	13.435	119	154658	19.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	179474	20.782	ug/l	100
85) sec-Butylbenzene	13.617	105	216743	18.932	ug/l	100
86) p-Isopropyltoluene	13.729	119	180744	19.098	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	100767	21.409	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	103638	21.597	ug/l	98
89) n-Butylbenzene	14.053	91	167048	18.223	ug/l	99
90) Hexachloroethane	14.335	117	31515	19.646	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	97655	21.596	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16995	20.109	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	57324	19.852	ug/l	99
94) Hexachlorobutadiene	15.500	225	17405	16.178	ug/l	98
95) Naphthalene	15.641	128	223336	20.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	53514	18.653	ug/l	98

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MSVOA_N
ClientSampleId :
VN0613WBSD01

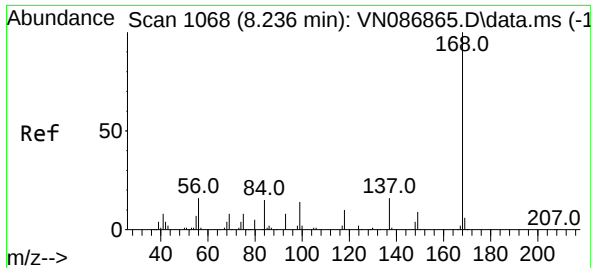
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

Quant Time: Jun 14 00:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



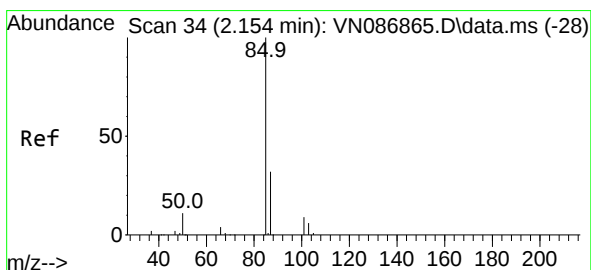
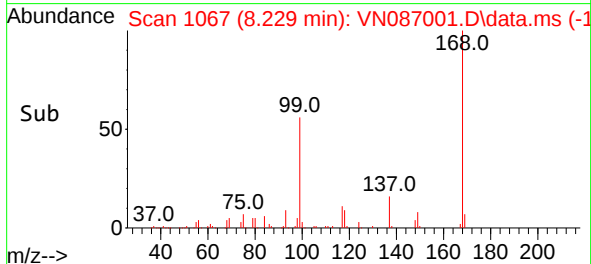
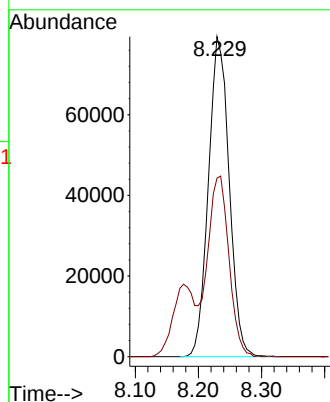
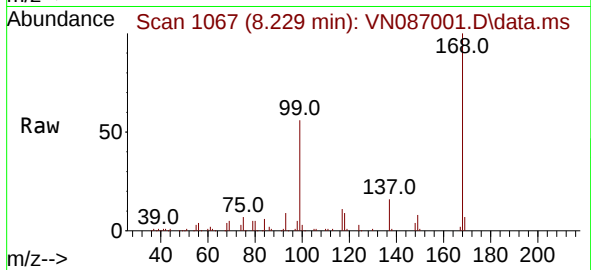
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument : MSVOA_N
ClientSampleId : VN0613WBSD01

Tgt Ion:168 Resp: 18096
Ion Ratio Lower Upper
168 100
99 55.8 49.1 73.7

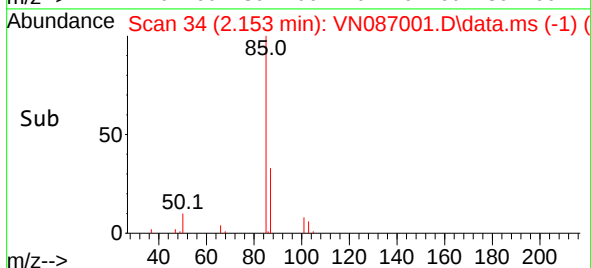
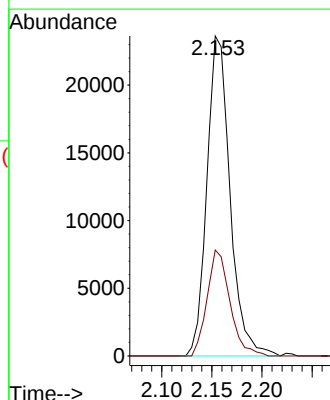
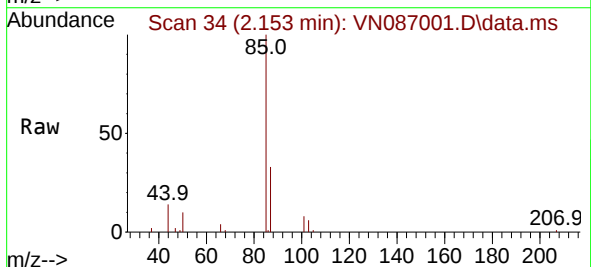
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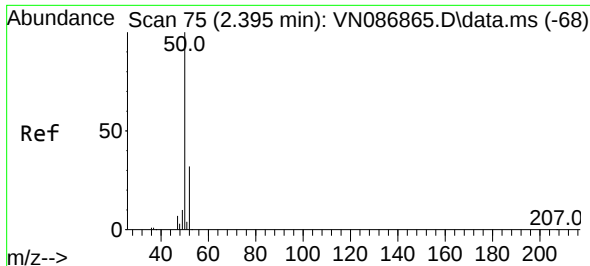
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#2
Dichlorodifluoromethane
Concen: 21.034 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

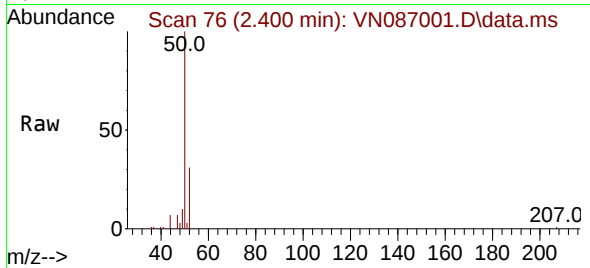
Tgt Ion: 85 Resp: 37953
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





#3
Chloromethane
Concen: 18.563 ug/l
RT: 2.400 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

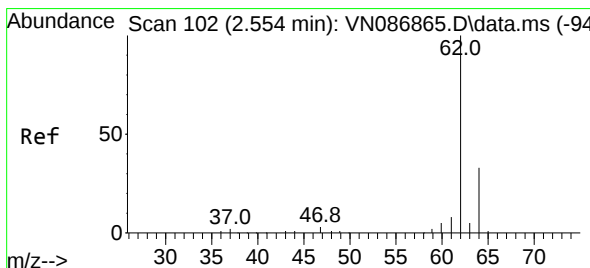
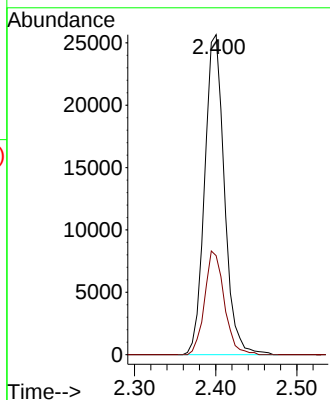
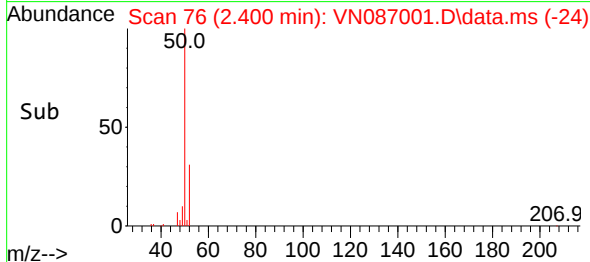
Instrument :
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ClientSampleId :
VN0613WBSD01



Tgt Ion: 50 Resp: 4325
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5

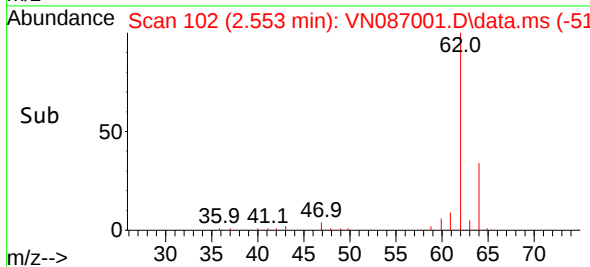
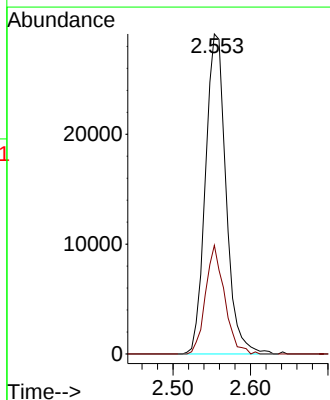
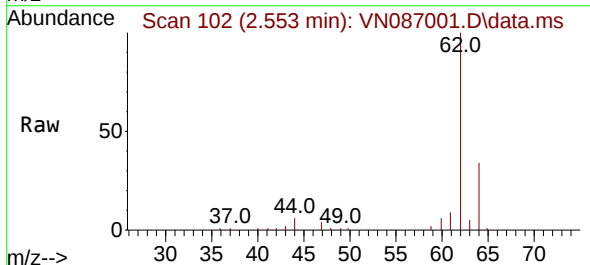
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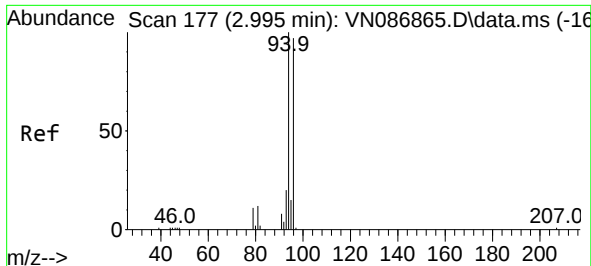
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#4
Vinyl Chloride
Concen: 22.350 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

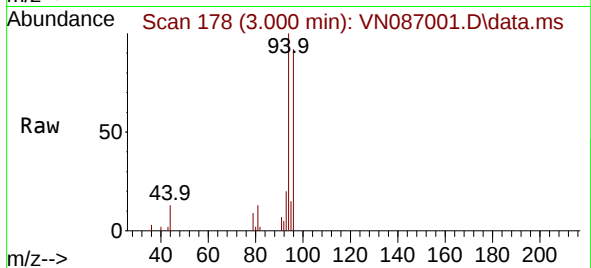
Tgt Ion: 62 Resp: 53719
Ion Ratio Lower Upper
62 100
64 33.9 26.0 39.0





#5
Bromomethane
Concen: 18.623 ug/l
RT: 3.000 min Scan# 177
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

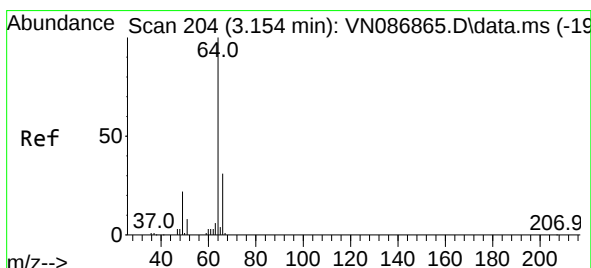
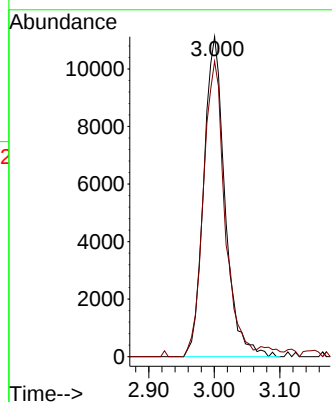
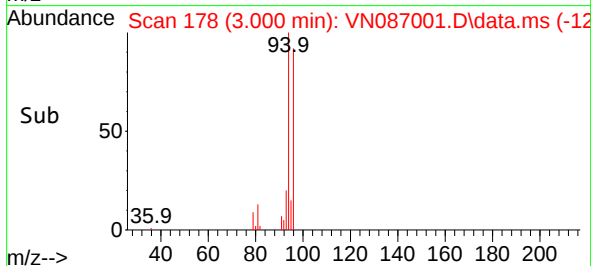
Instrument :
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Tgt Ion: 94 Resp: 25049
Ion Ratio Lower Upper
94 100
96 92.3 77.9 116.9

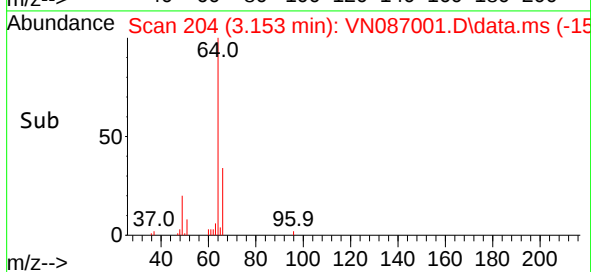
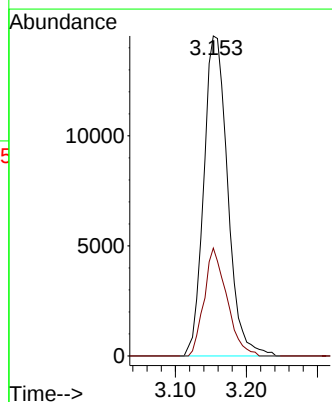
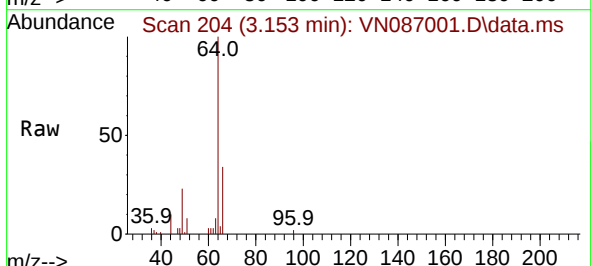
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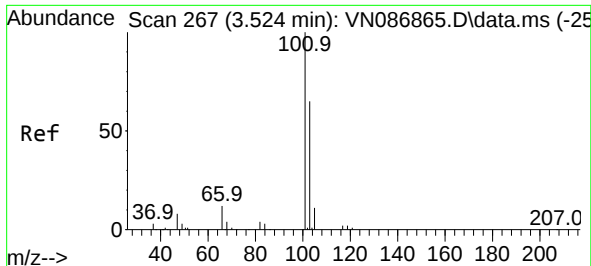
Reviewed By :John Carlone 06/16/2025
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#6
Chloroethane
Concen: 21.940 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion: 64 Resp: 34063
Ion Ratio Lower Upper
64 100
66 33.7 24.6 36.8





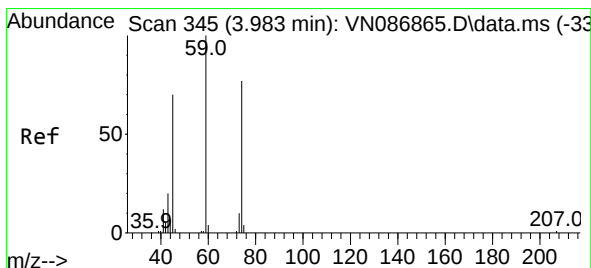
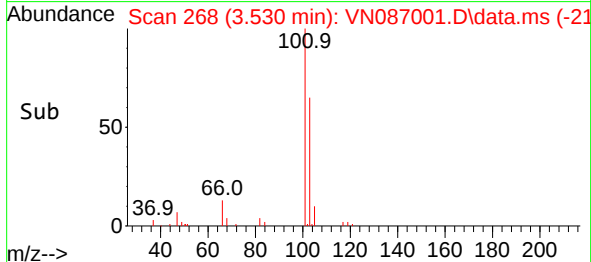
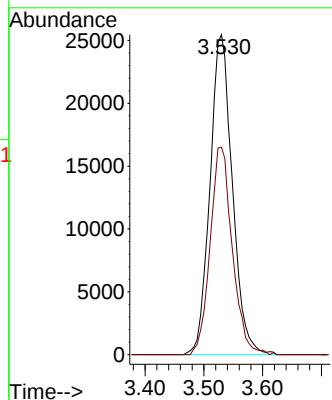
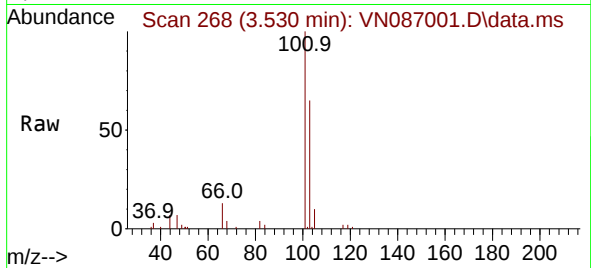
#7
 Trichlorofluoromethane
 Concen: 21.415 ug/l
 RT: 3.530 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01

Tgt Ion: 101 Resp: 6724
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.2

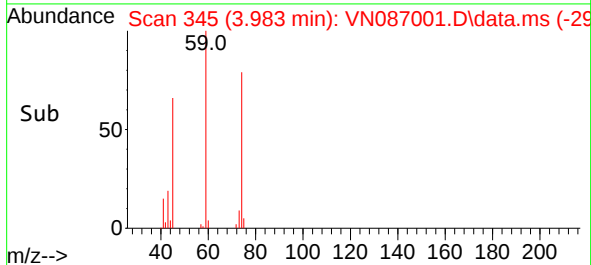
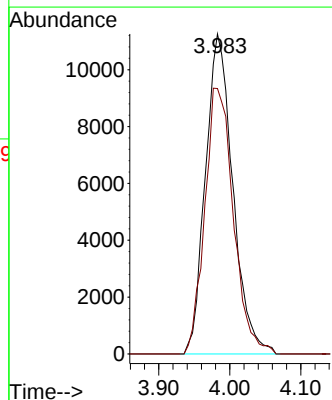
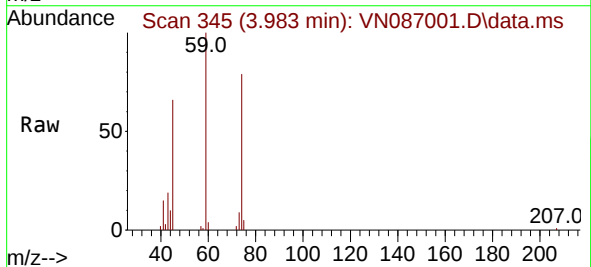
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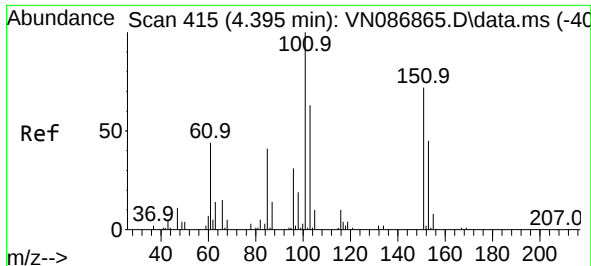
Reviewed By : John Carlone 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025



#8
 Diethyl Ether
 Concen: 22.045 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

Tgt Ion: 74 Resp: 30162
 Ion Ratio Lower Upper
 74 100
 45 86.8 45.5 136.5





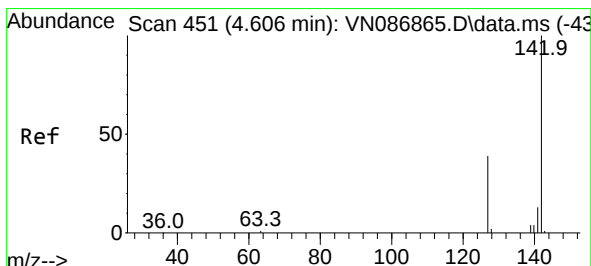
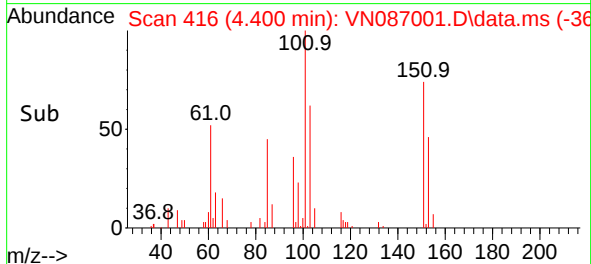
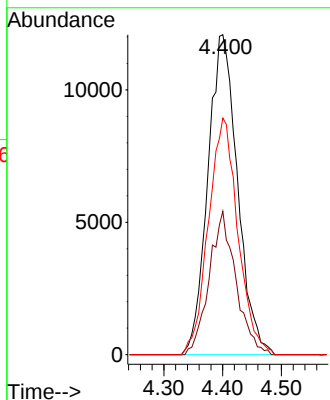
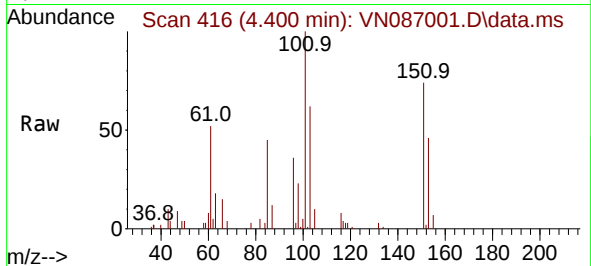
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.475 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion:101 Resp: 42369
Ion Ratio Lower Upper
101 100
85 40.4 33.8 50.8
151 73.6 58.7 88.1

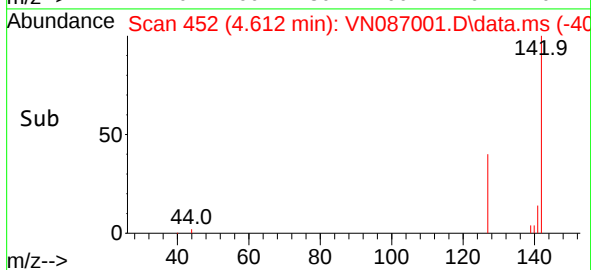
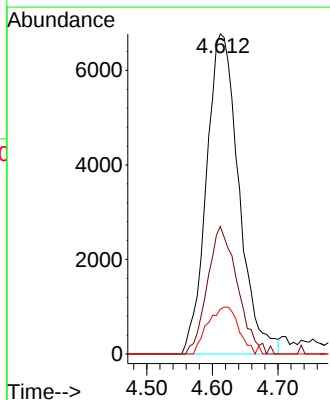
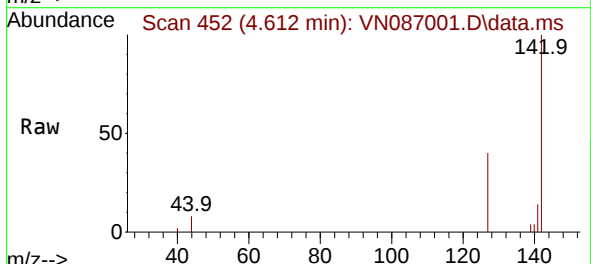
Manual Integrations
APPROVED

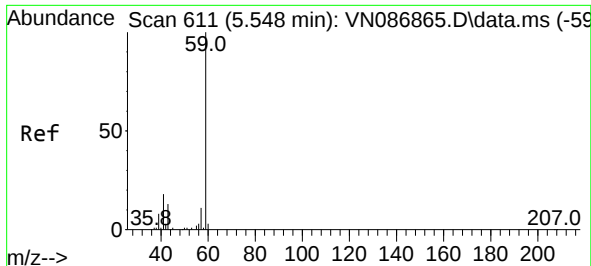
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#10
Methyl Iodide
Concen: 9.086 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

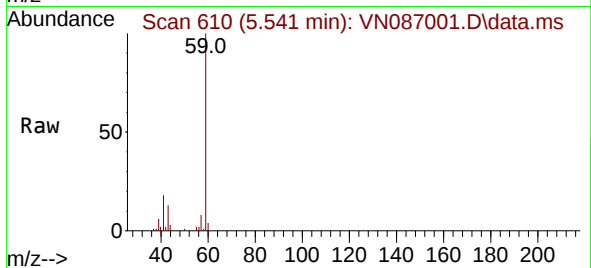
Tgt Ion:142 Resp: 23237
Ion Ratio Lower Upper
142 100
127 39.8 30.9 46.3
141 14.0 10.4 15.6





#11
Tert butyl alcohol
Concen: 103.363 ug/l
RT: 5.541 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

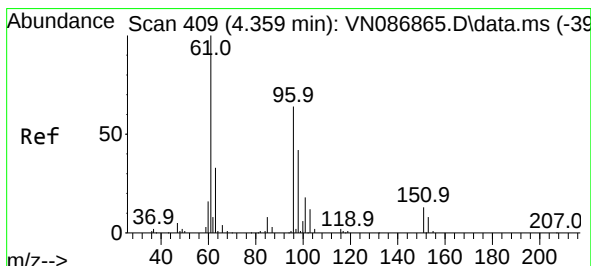
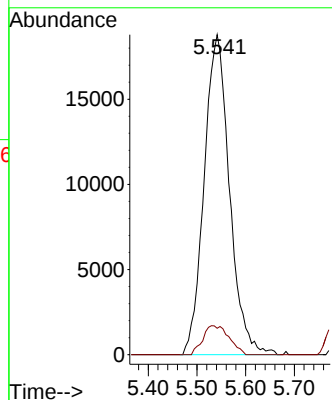
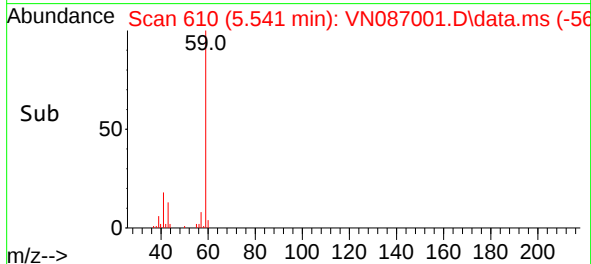
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



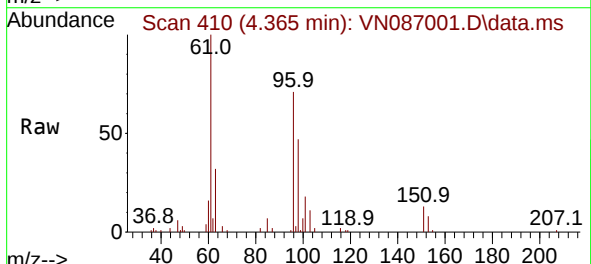
Tgt Ion: 59 Resp: 6795
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

Manual Integrations
APPROVED

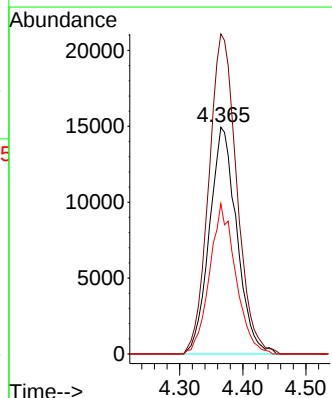
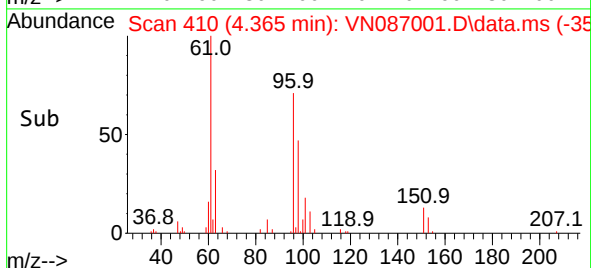
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

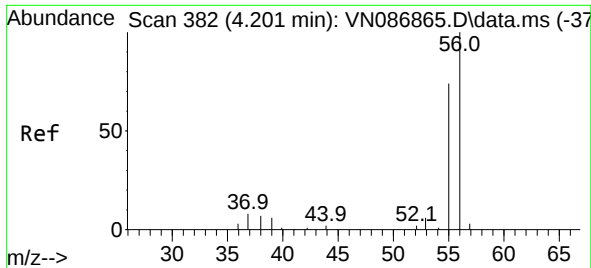


#12
1,1-Dichloroethene
Concen: 22.318 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



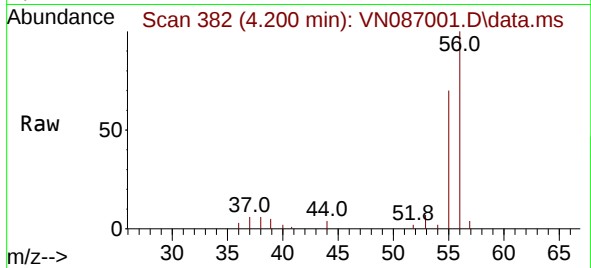
Tgt Ion: 96 Resp: 44954
Ion Ratio Lower Upper
96 100
61 141.2 125.8 188.6
98 66.3 52.5 78.7





#13
Acrolein
Concen: 171.174 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

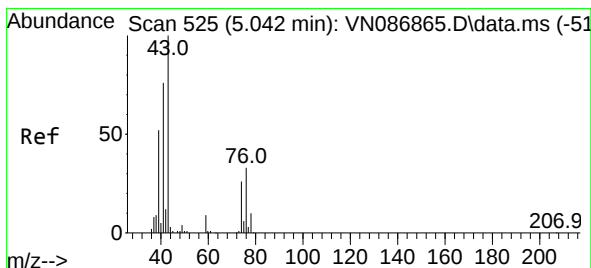
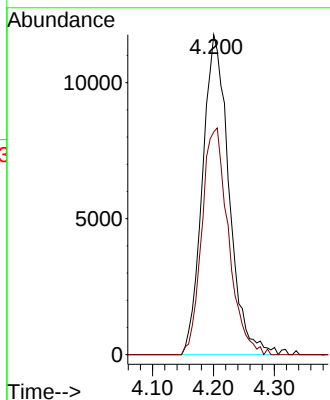
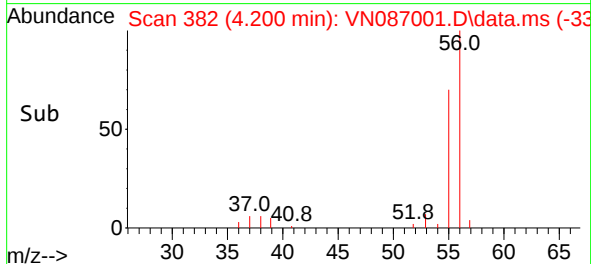
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



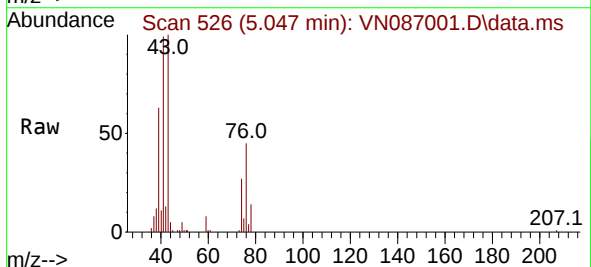
Tgt Ion: 56 Resp: 3562
Ion Ratio Lower Upper
56 100
55 71.0 55.6 83.4

Manual Integrations
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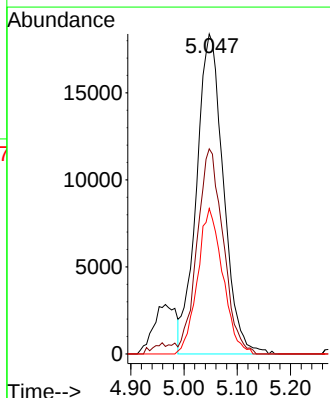
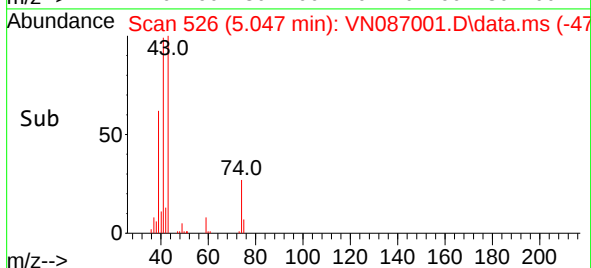
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

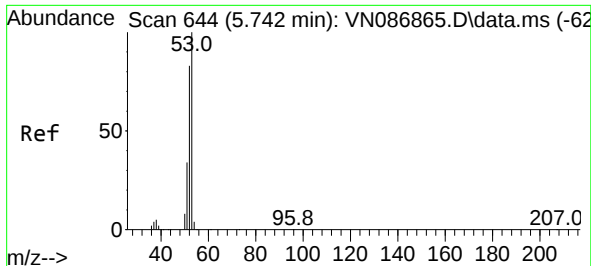


#14
Allyl chloride
Concen: 19.336 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



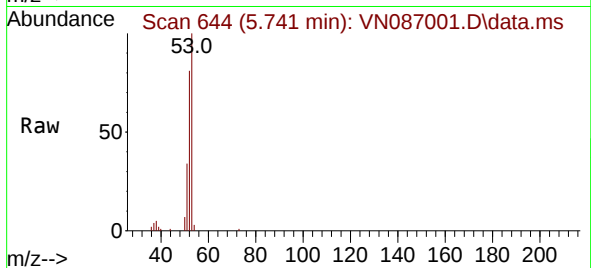
Tgt Ion: 41 Resp: 64592
Ion Ratio Lower Upper
41 100
39 62.0 51.3 76.9
76 42.5 31.4 47.0





#15
Acrylonitrile
Concen: 104.594 ug/l
RT: 5.741 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

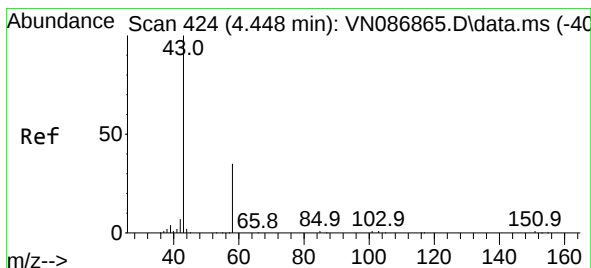
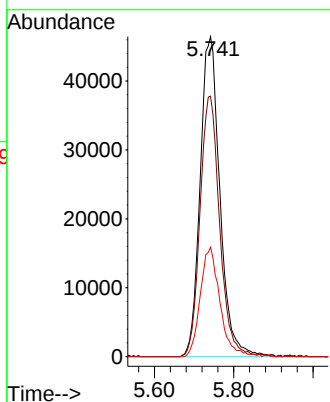
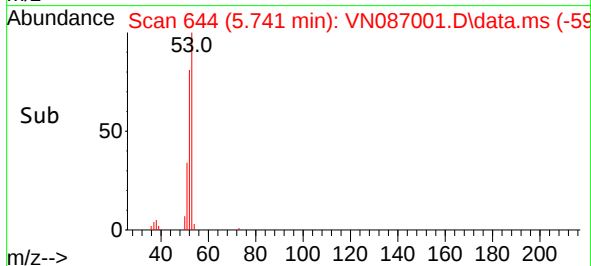
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



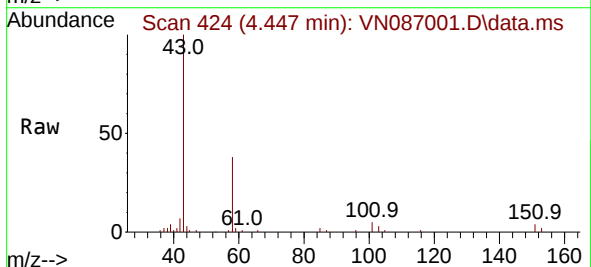
Tgt Ion: 53 Resp: 160728
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.6
51 33.9 27.2 40.8

Manual Integrations
APPROVED

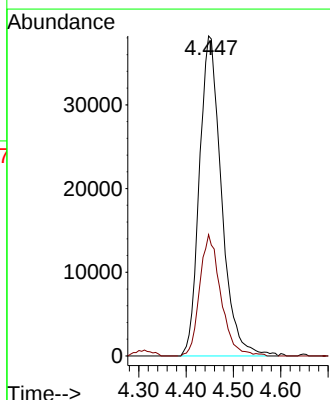
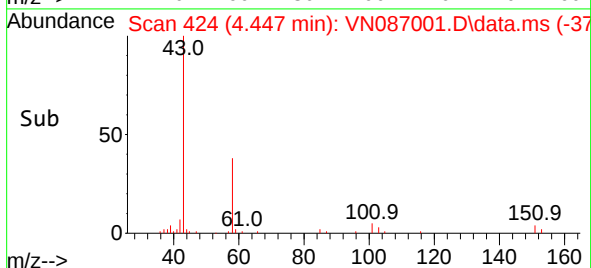
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

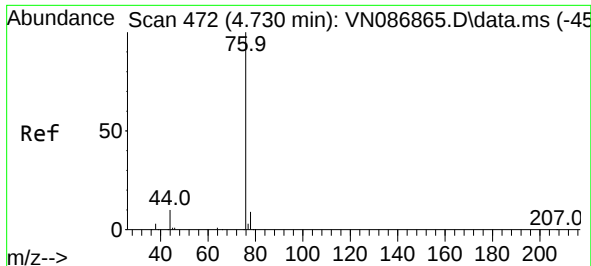


#16
Acetone
Concen: 96.269 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



Tgt Ion: 43 Resp: 123697
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0





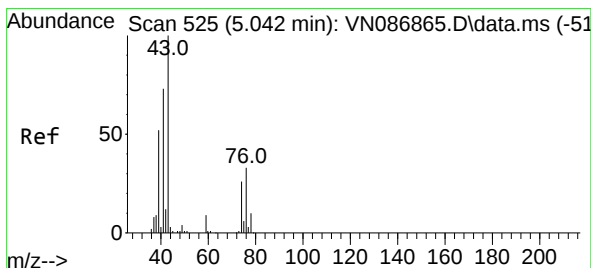
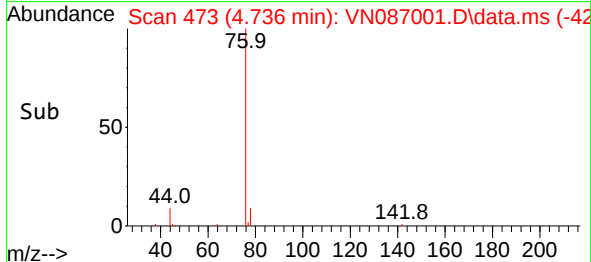
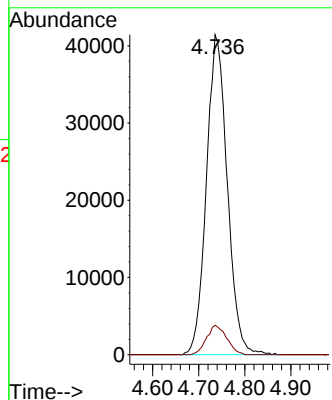
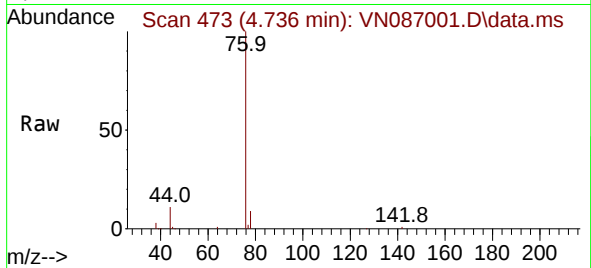
#17
Carbon Disulfide
Concen: 23.437 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion: 76 Resp: 130578
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

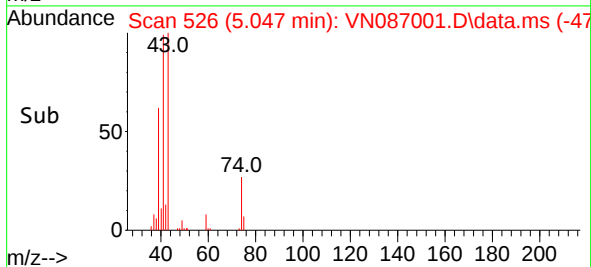
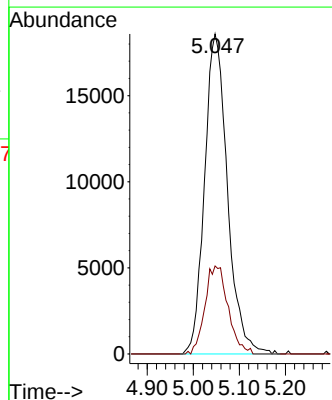
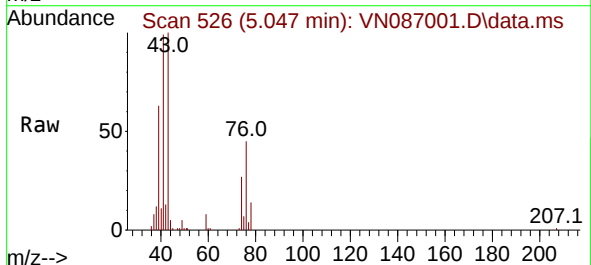
Manual Integrations
APPROVED

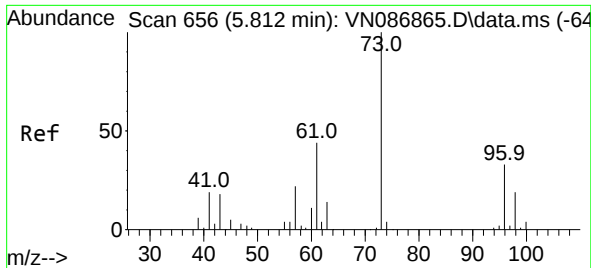
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#18
Methyl Acetate
Concen: 17.161 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion: 43 Resp: 64257
Ion Ratio Lower Upper
43 100
74 27.7 20.7 31.1





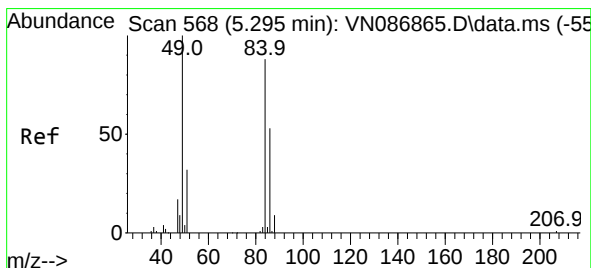
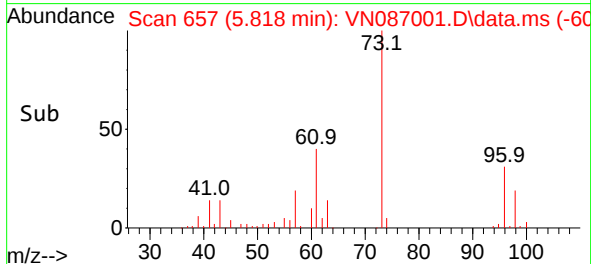
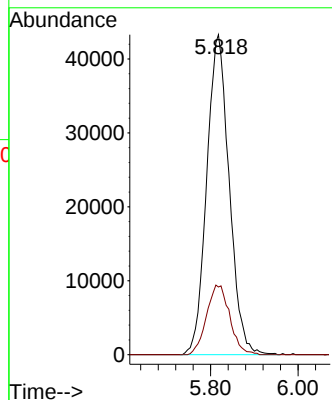
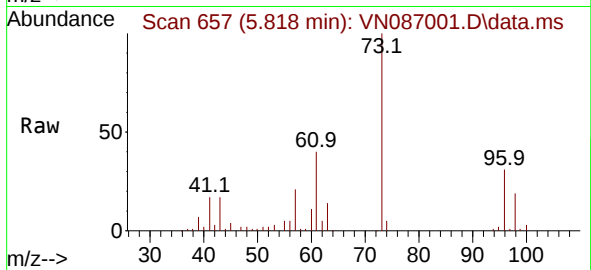
#19
Methyl tert-butyl Ether
Concen: 21.160 ug/l
RT: 5.818 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion: 73 Resp: 15432
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2

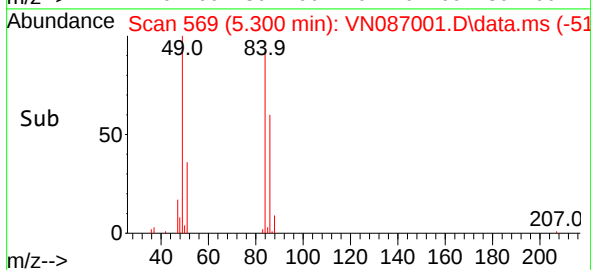
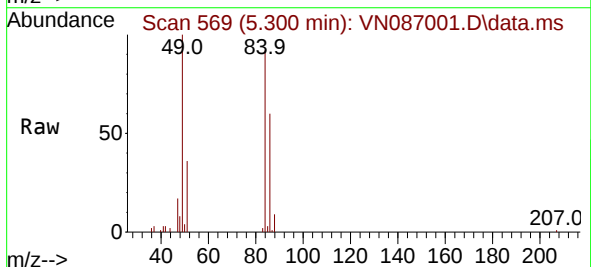
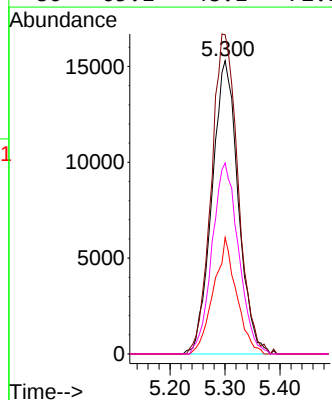
Manual Integrations
APPROVED

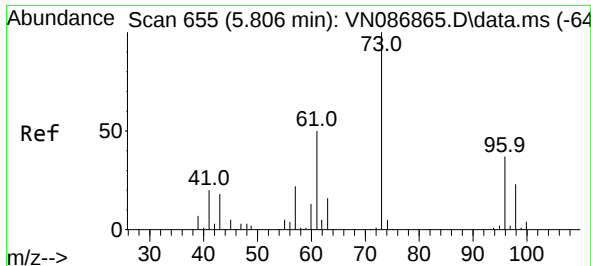
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#20
Methylene Chloride
Concen: 21.099 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion: 84 Resp: 50756
Ion Ratio Lower Upper
84 100
49 108.8 90.5 135.7
51 39.7 28.5 42.7
86 65.1 48.1 72.1





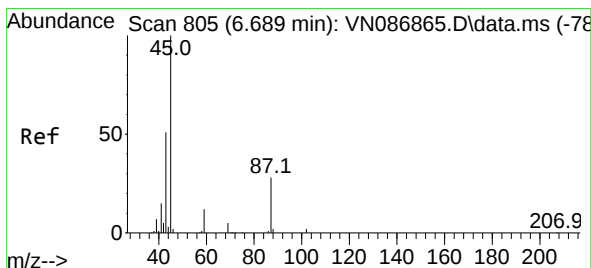
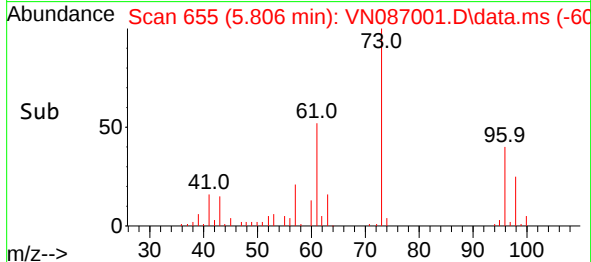
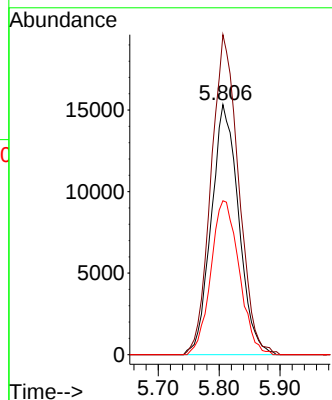
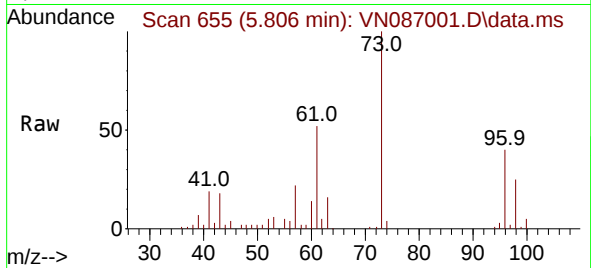
#21
trans-1,2-Dichloroethene
Concen: 21.392 ug/l
RT: 5.806 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion: 96 Resp: 47940
Ion Ratio Lower Upper
96 100
61 128.0 109.2 163.8
98 61.6 49.8 74.8

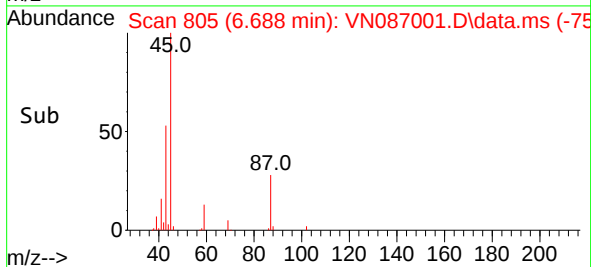
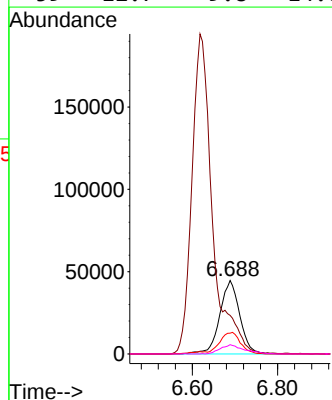
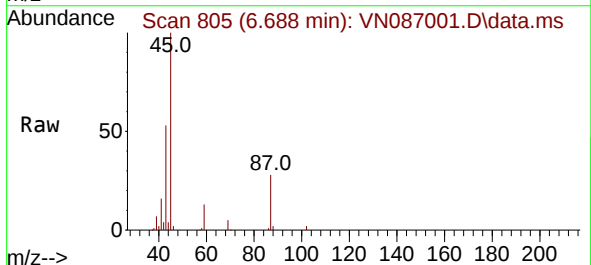
Manual Integrations
APPROVED

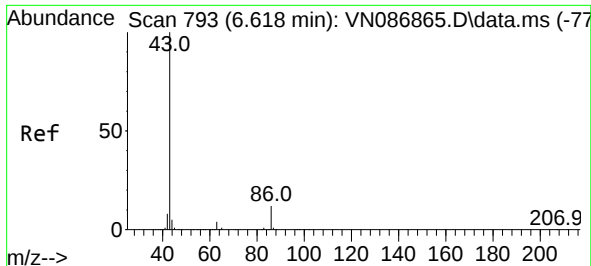
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#22
Diisopropyl ether
Concen: 20.648 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

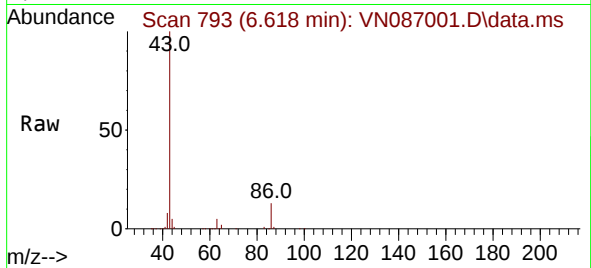
Tgt Ion: 45 Resp: 145393
Ion Ratio Lower Upper
45 100
43 51.9 41.9 62.9
87 28.3 22.4 33.6
59 12.7 9.8 14.6





#23
 Vinyl Acetate
 Concen: 108.602 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

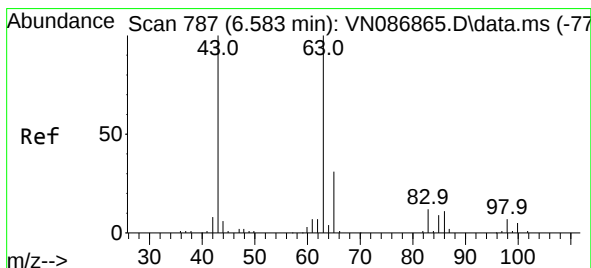
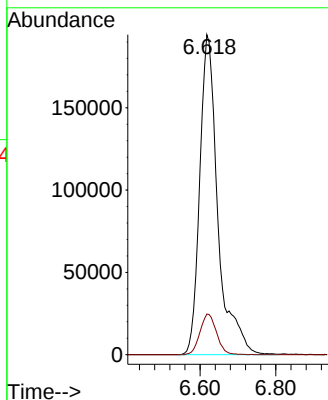
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01



Tgt Ion: 43 Resp: 646099
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.5 14.3

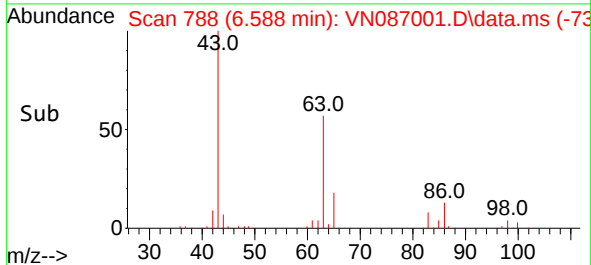
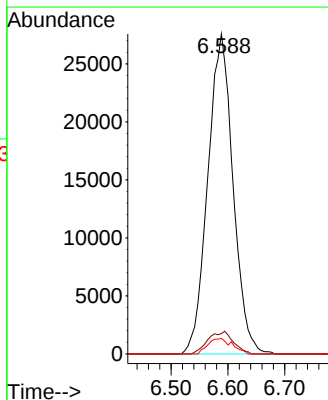
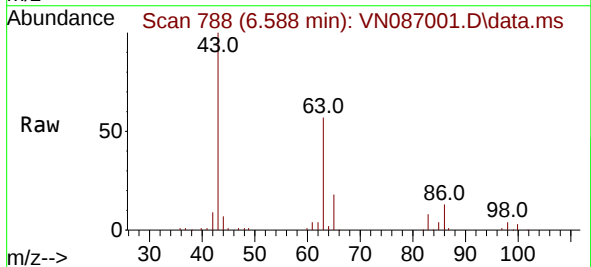
Manual Integrations
 APPROVED

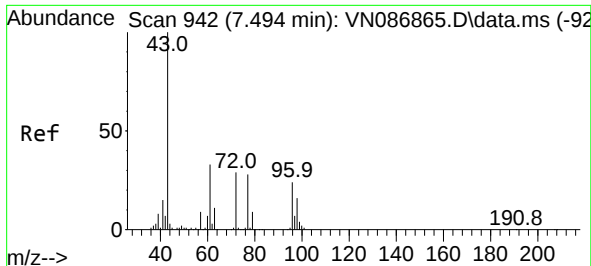
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#24
 1,1-Dichloroethane
 Concen: 20.987 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

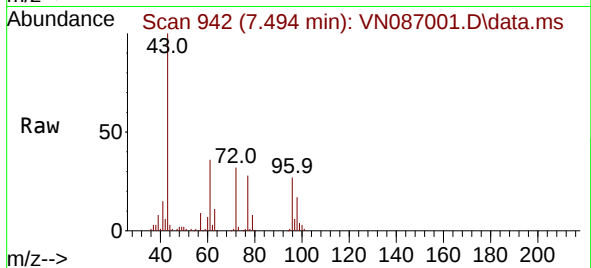
Tgt Ion: 63 Resp: 85045
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.8 2.6 7.8





#25
2-Butanone
Concen: 99.397 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

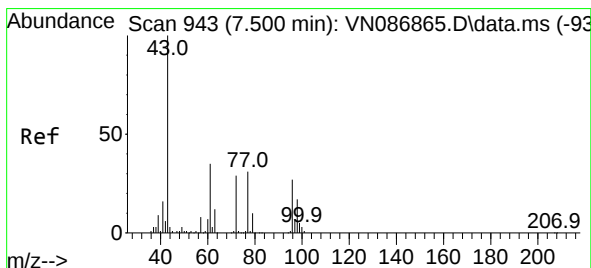
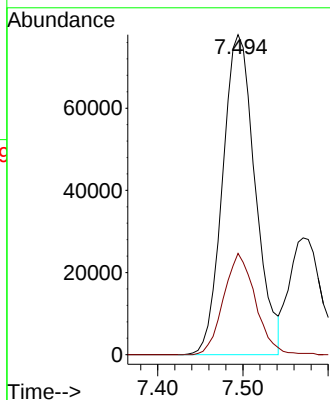
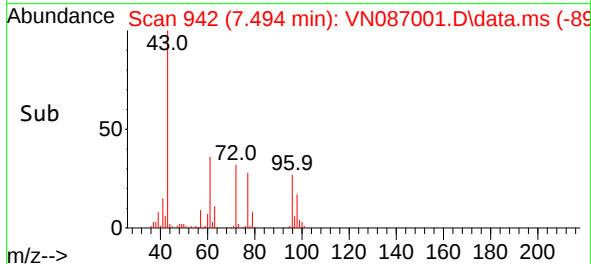
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



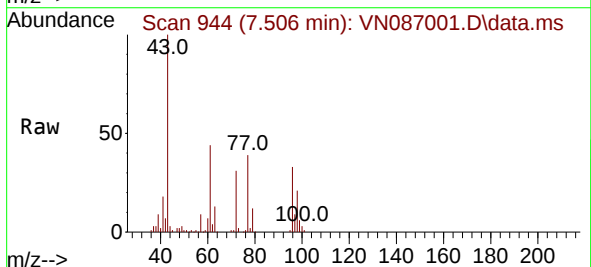
Tgt Ion: 43 Resp: 207598
Ion Ratio Lower Upper
43 100
72 31.7 23.0 34.6

Manual Integrations
APPROVED

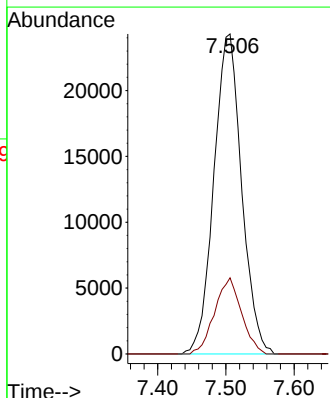
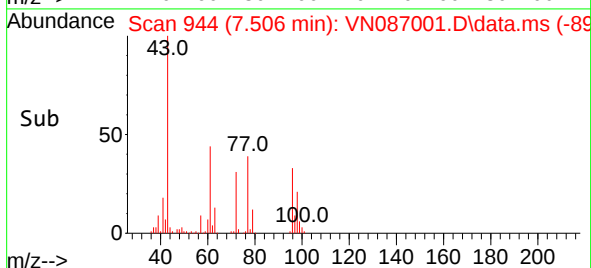
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

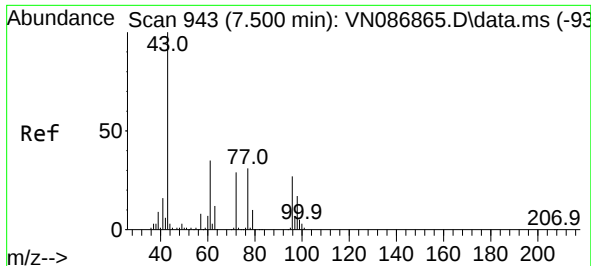


#26
2,2-Dichloropropane
Concen: 21.839 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



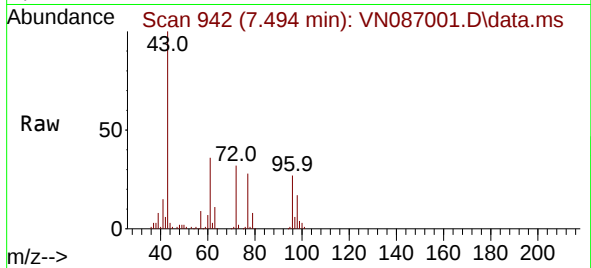
Tgt Ion: 77 Resp: 68840
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 21.408 ug/l
 RT: 7.494 min Scan# 943
 Delta R.T. -0.006 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

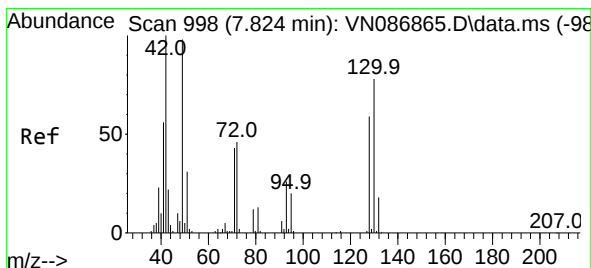
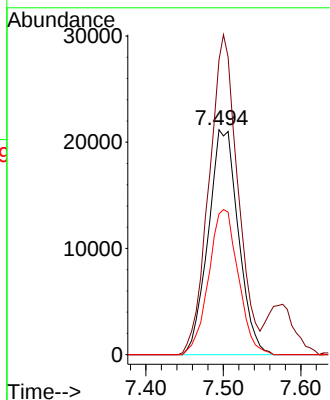
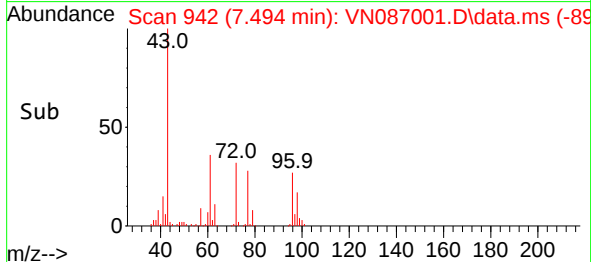
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01



Tgt Ion: 96 Resp: 57370
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 278.0
 98 63.3 0.0 128.2

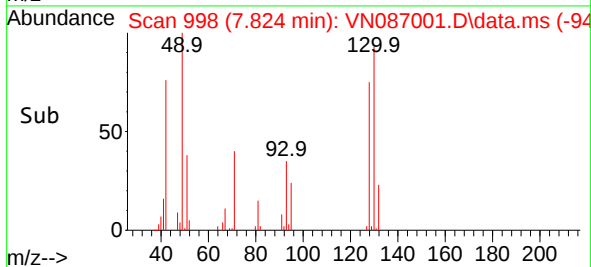
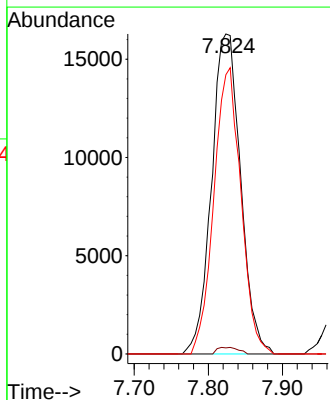
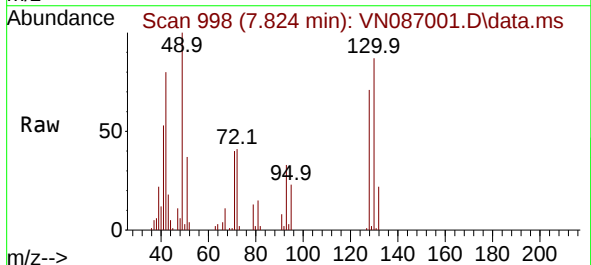
Manual Integrations
 APPROVED

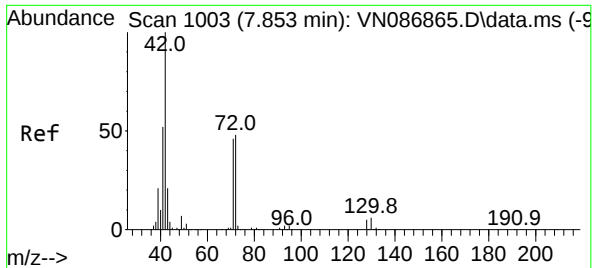
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#28
 Bromochloromethane
 Concen: 22.248 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

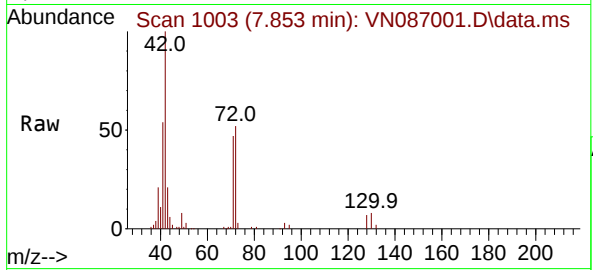
Tgt Ion: 49 Resp: 44327
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 83.3 62.2 93.2





#29
Tetrahydrofuran
Concen: 100.794 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

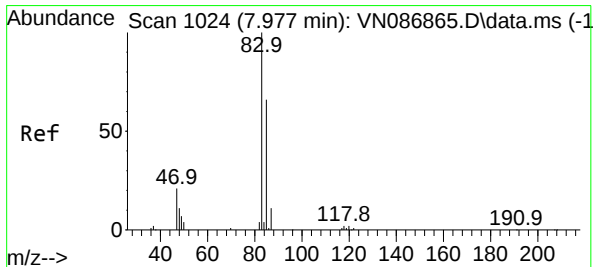
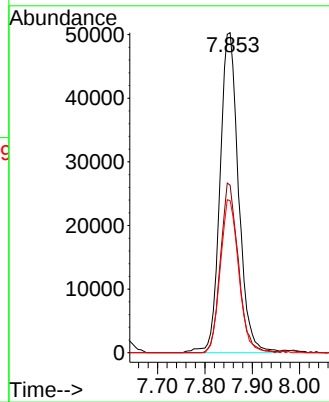
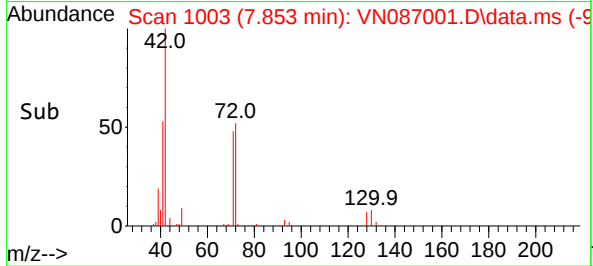
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



Tgt Ion: 42 Resp: 13713
Ion Ratio Lower Upper
42 100
72 51.1 37.8 56.6
71 47.4 35.6 53.4

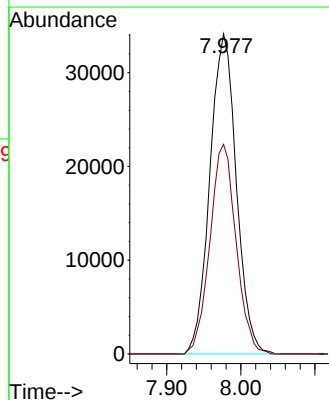
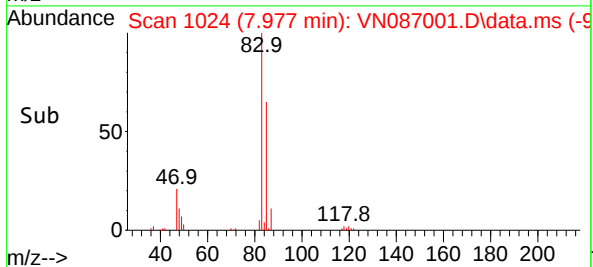
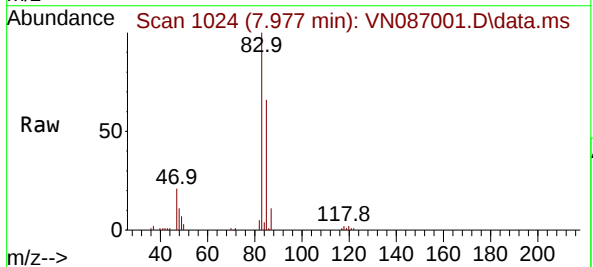
Manual Integrations
APPROVED

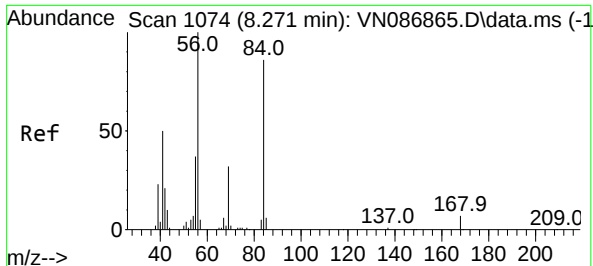
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#30
Chloroform
Concen: 20.918 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

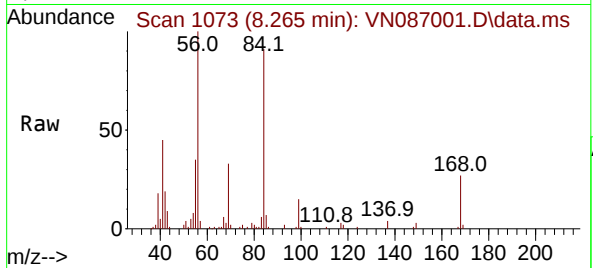
Tgt Ion: 83 Resp: 84649
Ion Ratio Lower Upper
83 100
85 65.5 52.9 79.3





#31
Cyclohexane
Concen: 19.843 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

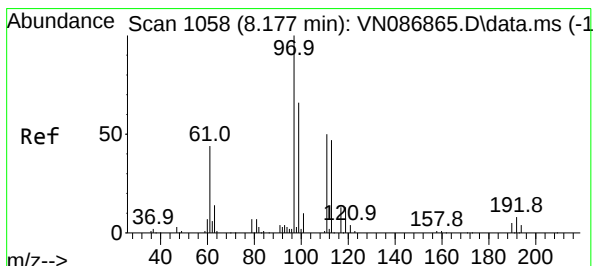
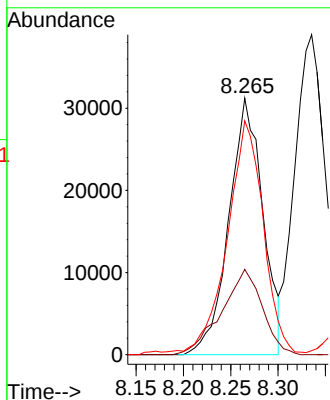
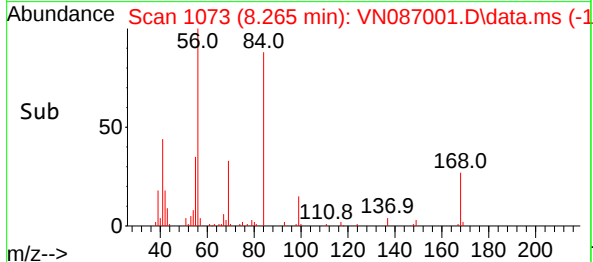
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



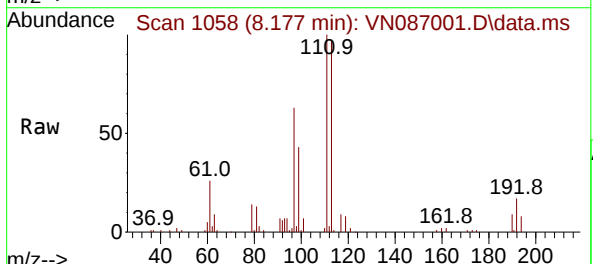
Tgt Ion: 56 Resp: 77980
Ion Ratio Lower Upper
56 100
69 32.8 25.4 38.0
84 89.5 68.8 103.2

Manual Integrations
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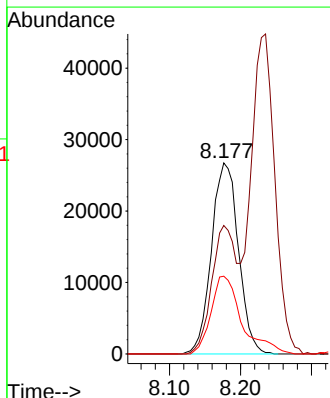
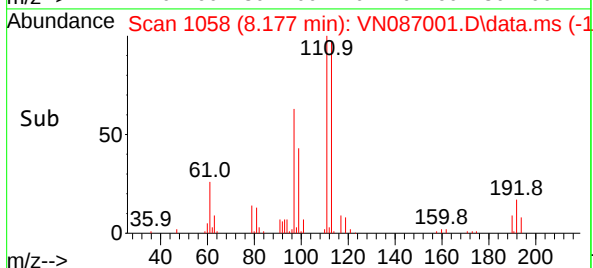
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

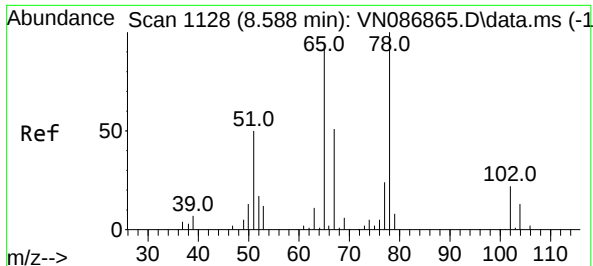


#32
1,1,1-Trichloroethane
Concen: 20.439 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



Tgt Ion: 97 Resp: 70349
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 46.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.096 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBSD01

Tgt Ion: 65 Resp: 116534

Ion Ratio Lower Upper

65 100

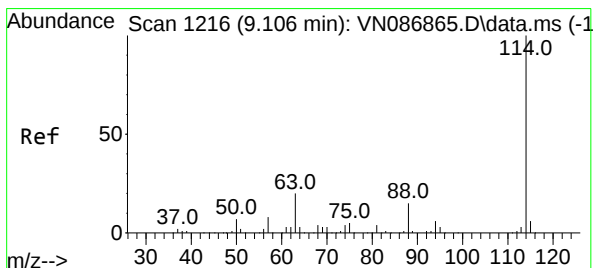
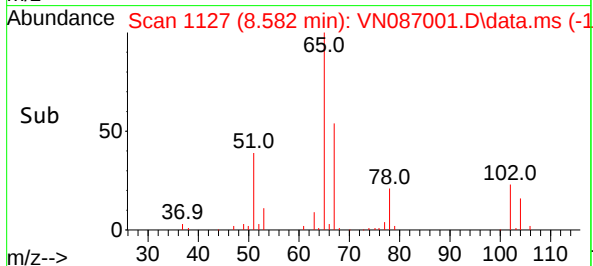
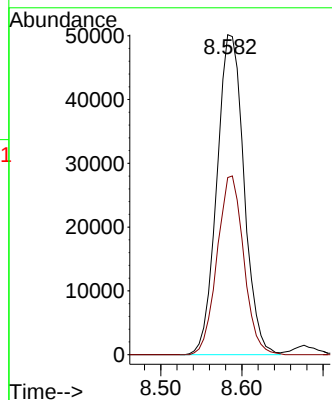
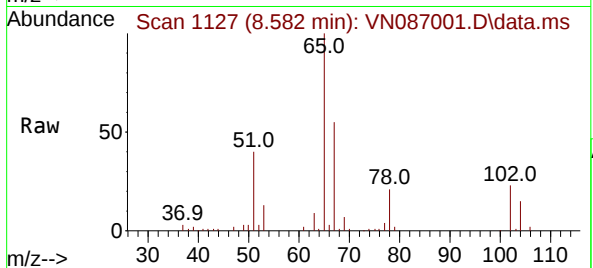
67 54.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

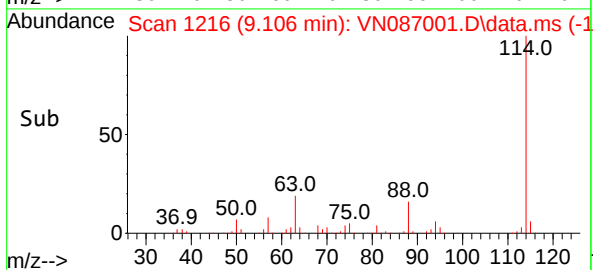
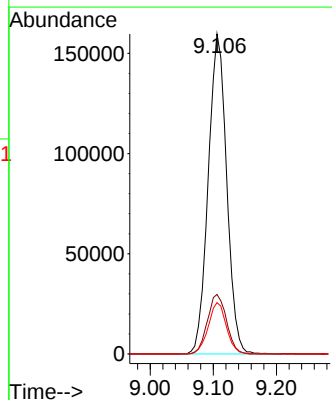
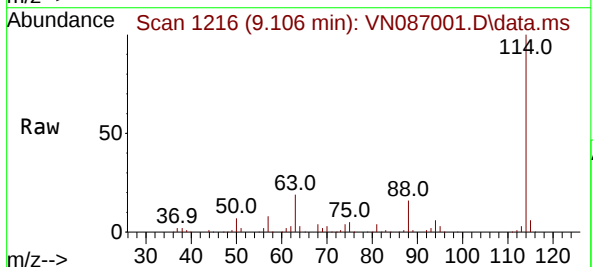
Tgt Ion:114 Resp: 323903

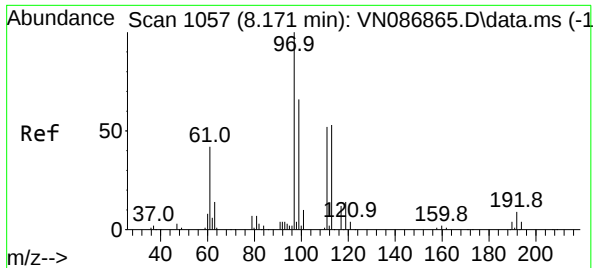
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

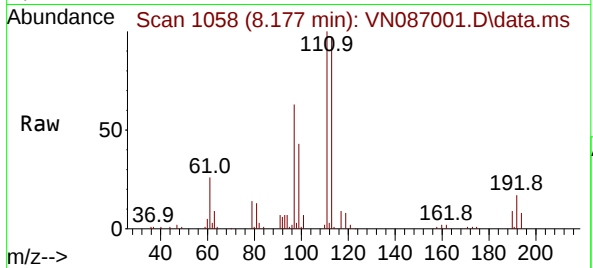
88 16.0 0.0 30.2





#35
 Dibromofluoromethane
 Concen: 51.696 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

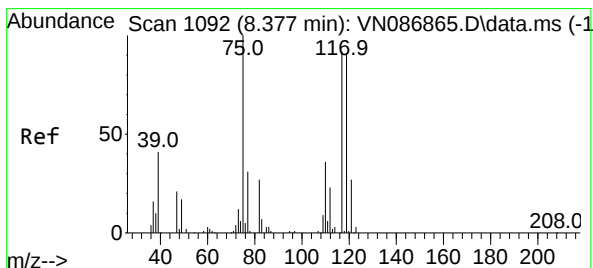
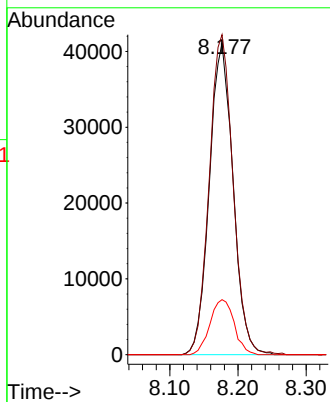
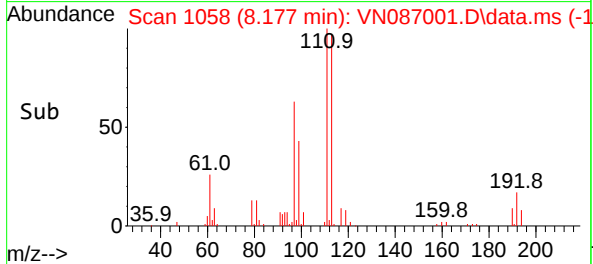
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01



Tgt Ion: 113 Resp: 9923
 Ion Ratio Lower Upper
 113 100
 111 103.5 84.2 126.2
 192 18.1 14.2 21.4

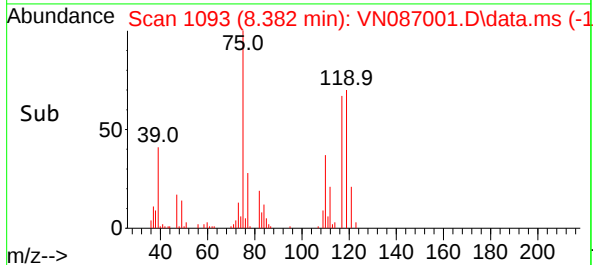
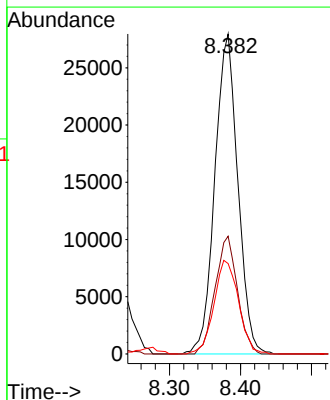
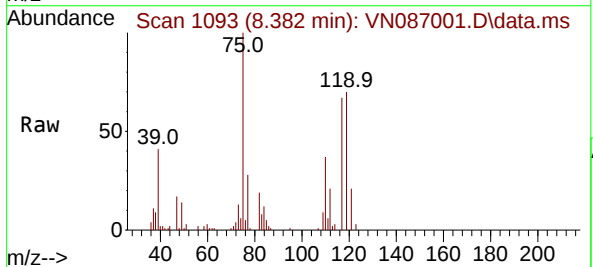
Manual Integrations
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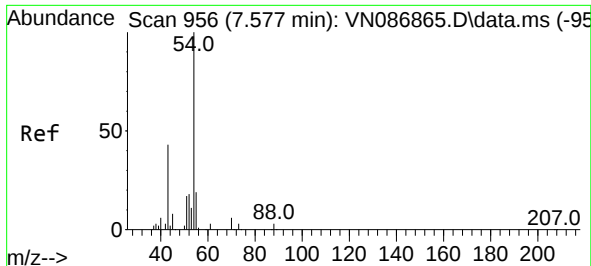
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#36
 1,1-Dichloropropene
 Concen: 21.922 ug/l
 RT: 8.382 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

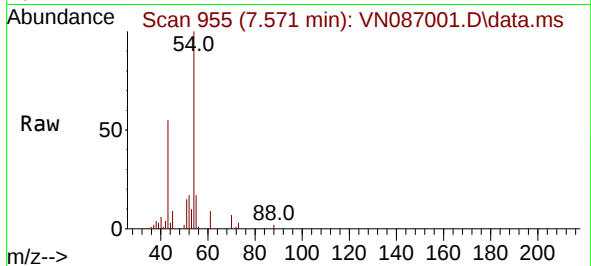
Tgt Ion: 75 Resp: 62704
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.6 52.9
 77 31.2 25.3 37.9





#37
Ethyl Acetate
Concen: 21.274 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

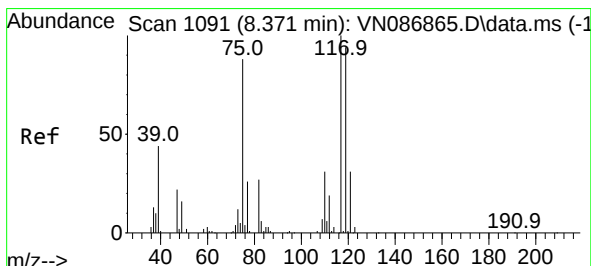
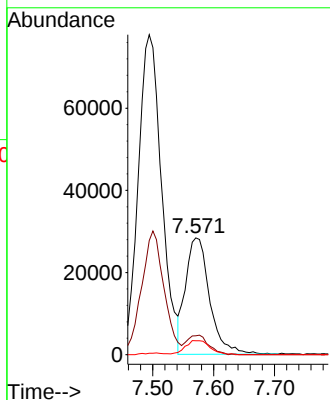
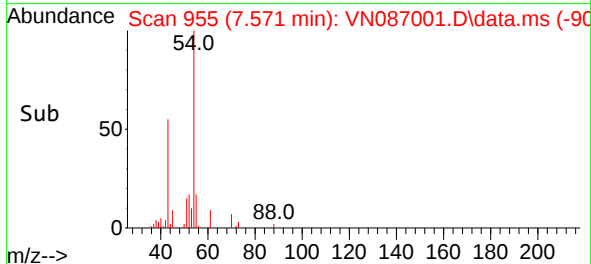
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



Tgt Ion: 43 Resp: 7746
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 12.4 9.8 14.6

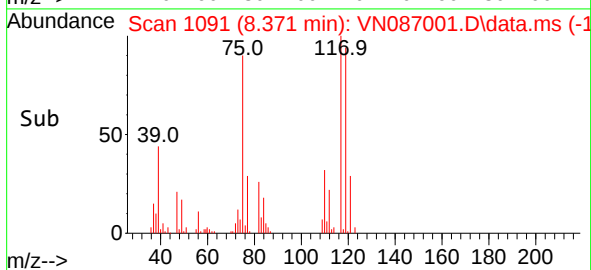
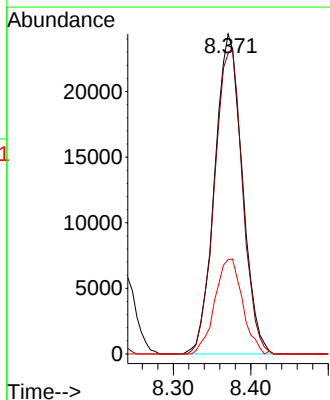
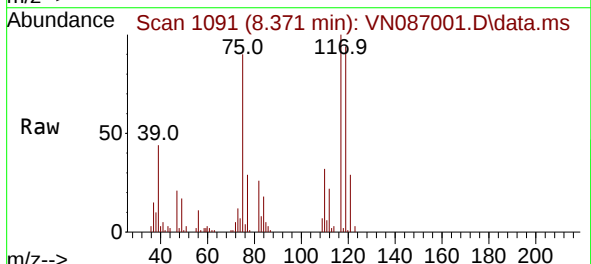
Manual Integrations
APPROVED

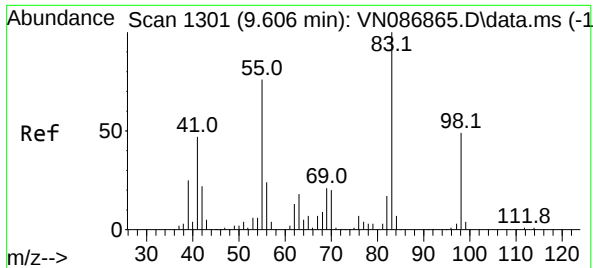
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#38
Carbon Tetrachloride
Concen: 21.535 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion:117 Resp: 60473
Ion Ratio Lower Upper
117 100
119 93.9 75.0 112.6
121 29.5 24.9 37.3





#39

Methylcyclohexane

Concen: 19.353 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBSD01

Tgt Ion: 83 Resp: 75840

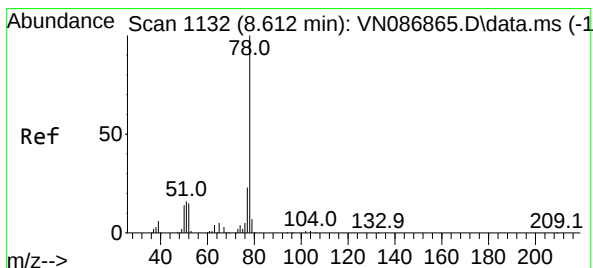
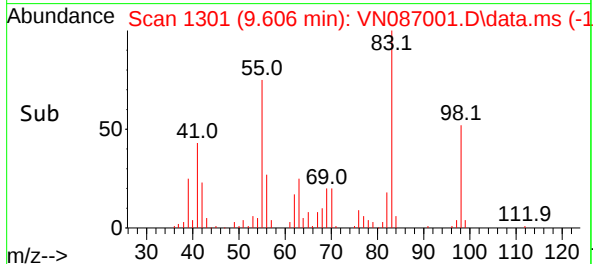
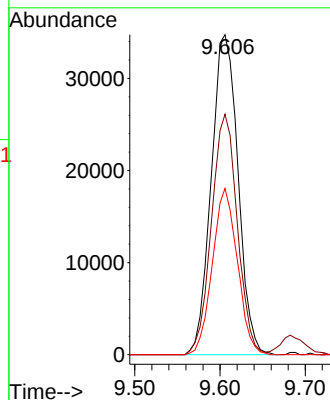
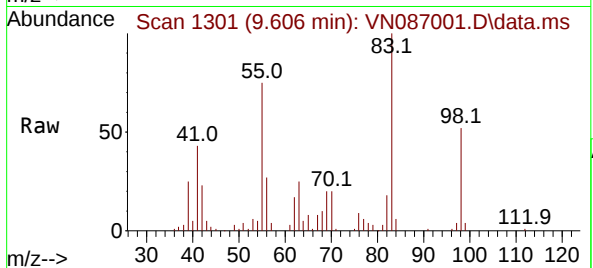
Ion	Ratio	Lower	Upper
83	100		
55	75.2	61.0	91.6
98	51.9	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#40

Benzene

Concen: 21.640 ug/l

RT: 8.612 min Scan# 1132

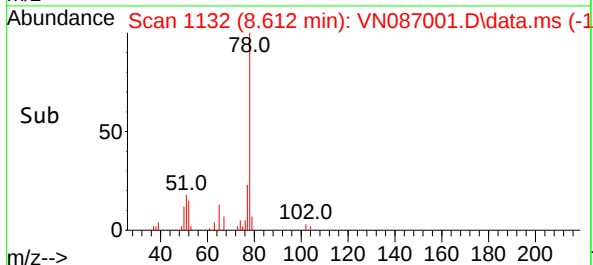
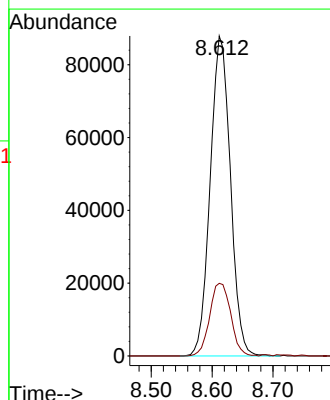
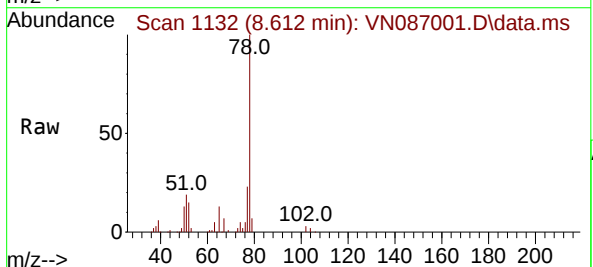
Delta R.T. -0.000 min

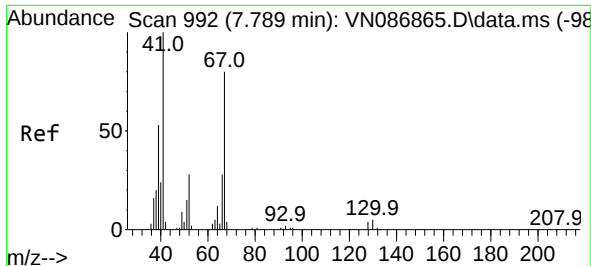
Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

Tgt Ion: 78 Resp: 202406

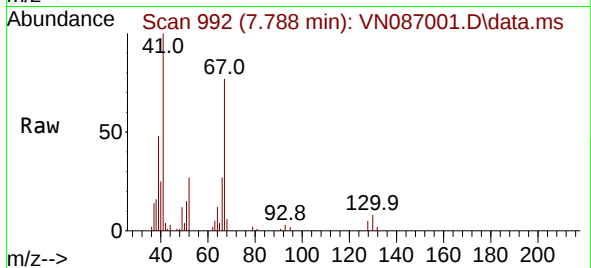
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.7	28.1





#41
Methacrylonitrile
Concen: 20.456 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

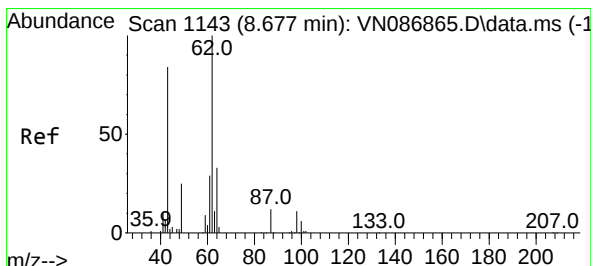
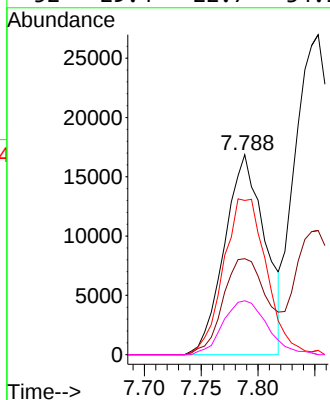
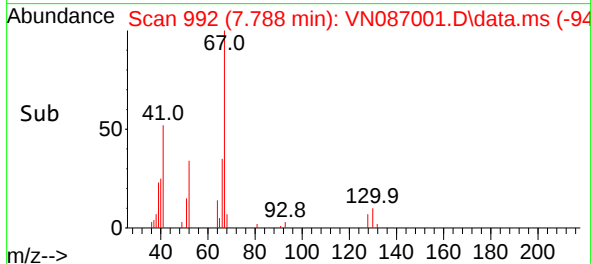
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



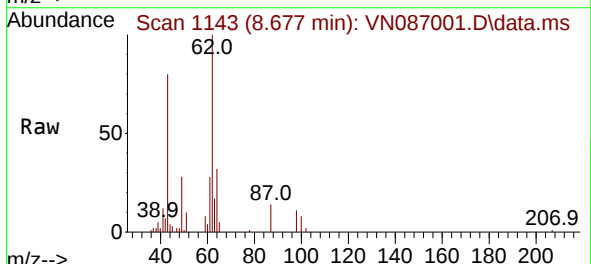
Tgt Ion:	41	Resp:	4183
Ion Ratio	100	Lower	Upper
39	51.7	41.2	61.8
67	83.0	61.4	92.2
52	29.4	22.7	34.1

Manual Integrations
APPROVED

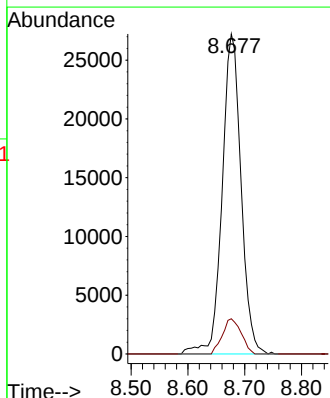
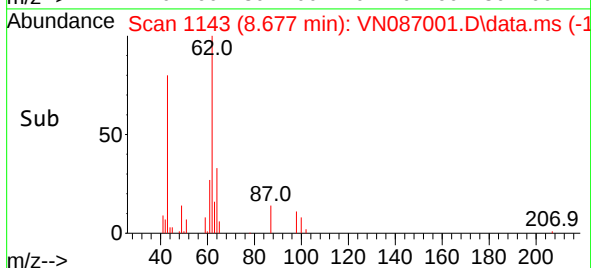
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

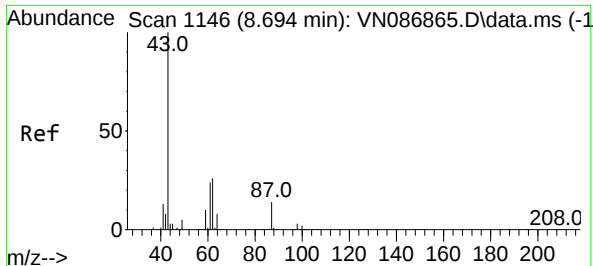


#42
1,2-Dichloroethane
Concen: 22.173 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



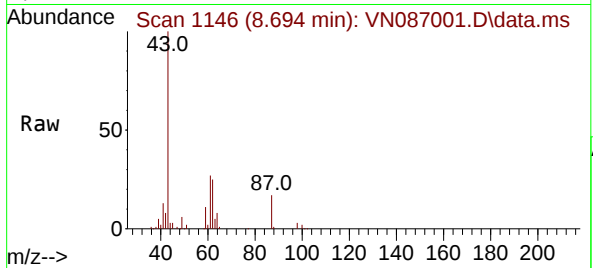
Tgt Ion:	62	Resp:	62902
Ion Ratio	100	Lower	Upper
98	10.9	0.0	21.2





#43
Isopropyl Acetate
Concen: 20.598 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

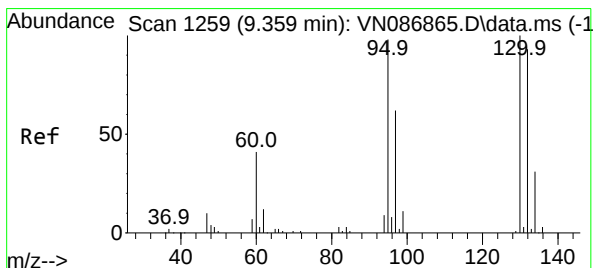
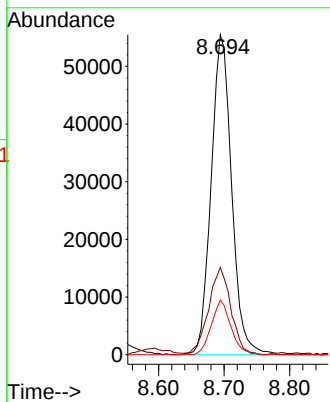
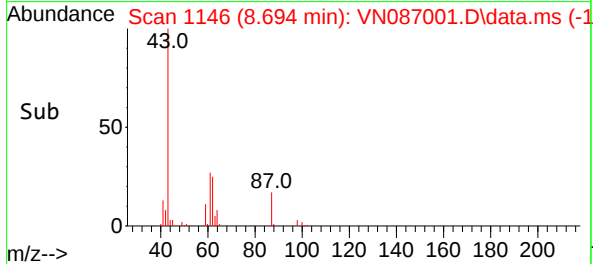
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



Tgt Ion: 43 Resp: 120374
Ion Ratio Lower Upper
43 100
61 29.8 22.1 33.1
87 16.2 11.8 17.6

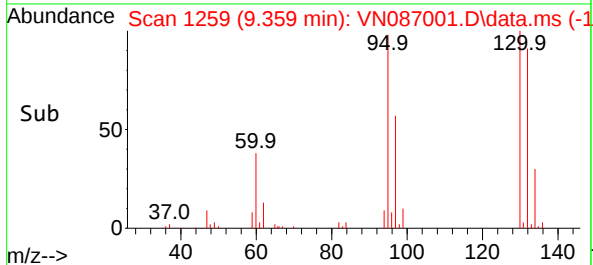
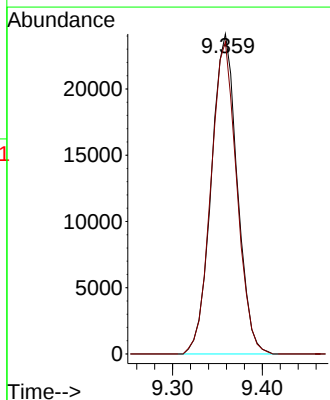
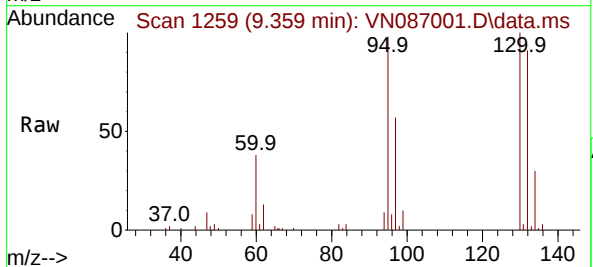
Manual Integrations
APPROVED

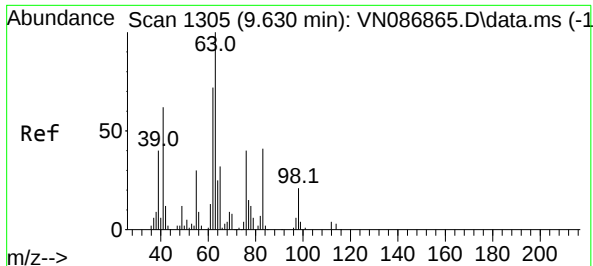
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#44
Trichloroethene
Concen: 21.782 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion:130 Resp: 48309
Ion Ratio Lower Upper
130 100
95 97.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 21.787 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBSD01

Tgt Ion: 63 Resp: 4957

Ion Ratio Lower Upper

63 100

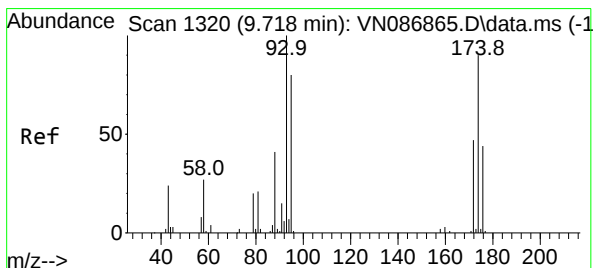
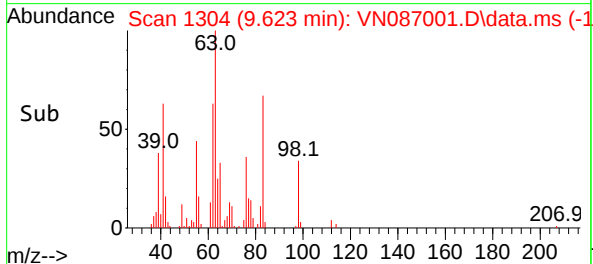
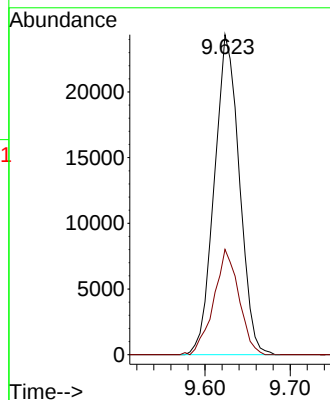
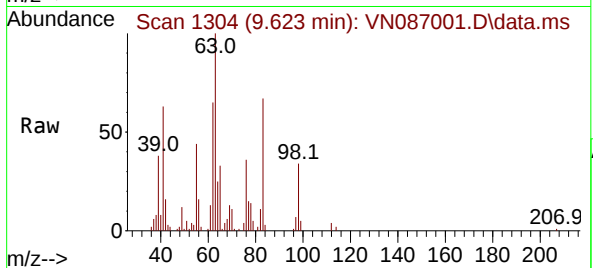
65 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#46

Dibromomethane

Concen: 22.695 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

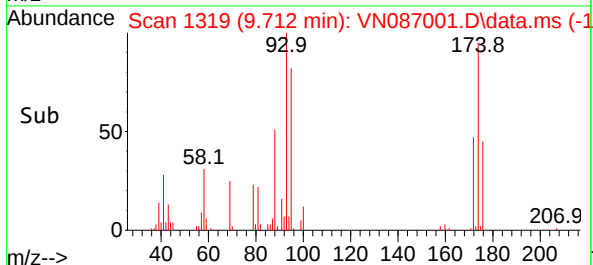
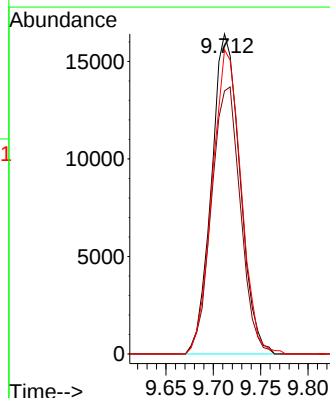
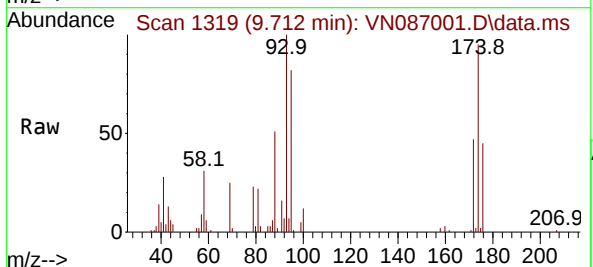
Tgt Ion: 93 Resp: 34302

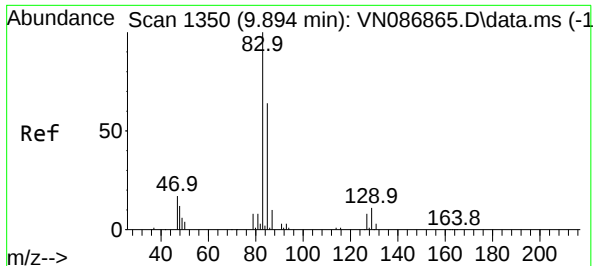
Ion Ratio Lower Upper

93 100

95 84.8 67.1 100.7

174 96.0 74.2 111.4





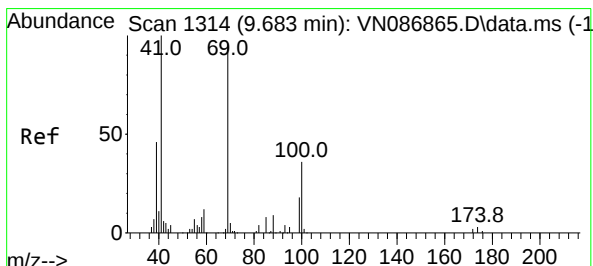
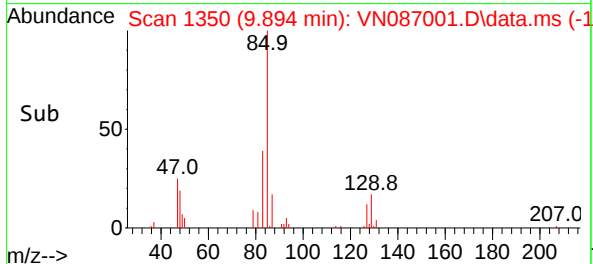
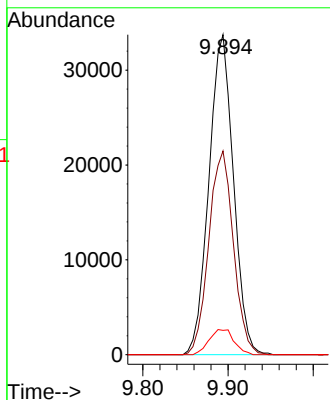
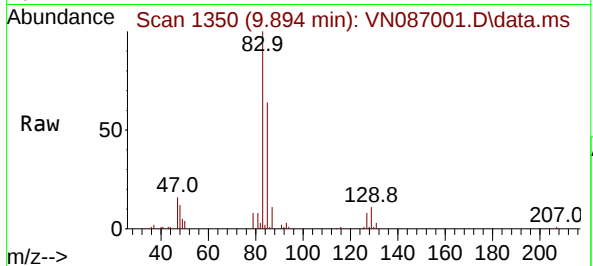
#47
Bromodichloromethane
Concen: 21.690 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion: 83 Resp: 67450
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 7.6 6.6 10.0

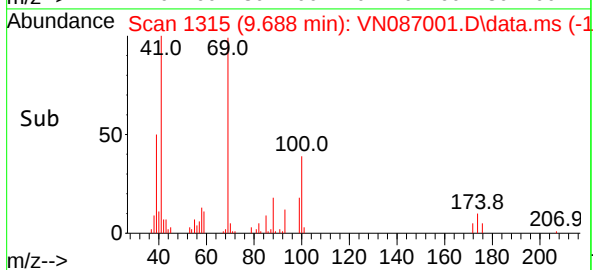
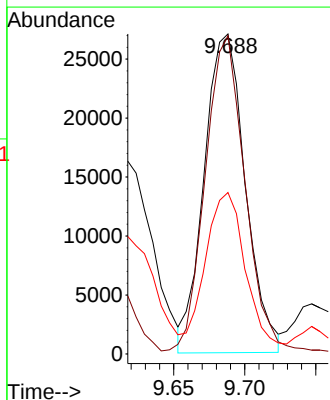
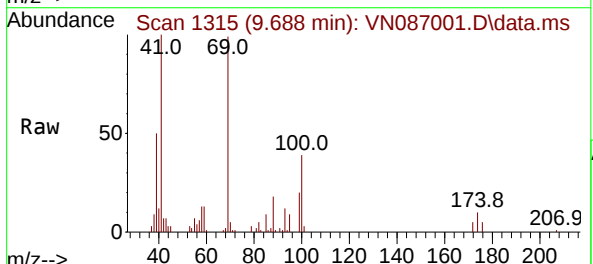
Manual Integrations
APPROVED

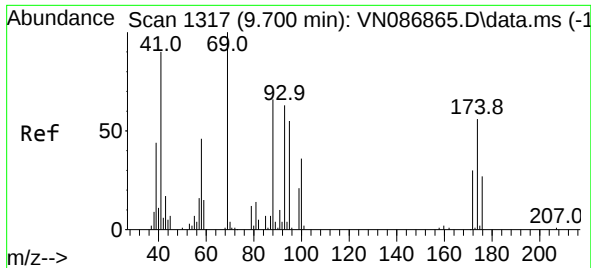
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#48
Methyl methacrylate
Concen: 20.281 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

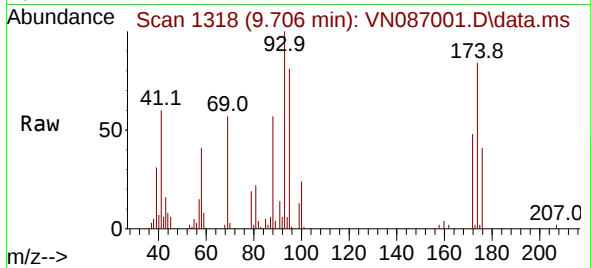
Tgt Ion: 41 Resp: 54551
Ion Ratio Lower Upper
41 100
69 97.9 74.6 112.0
39 51.1 40.2 60.4





#49
1,4-Dioxane
Concen: 444.867 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

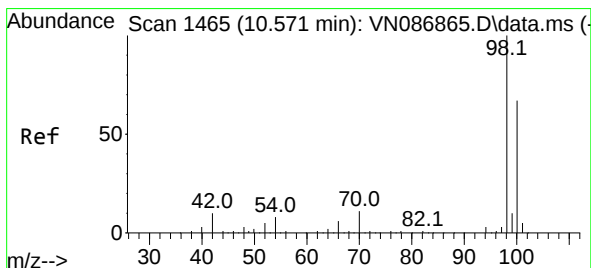
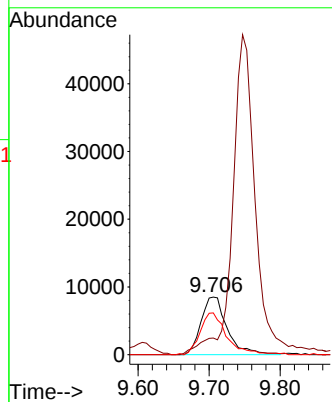
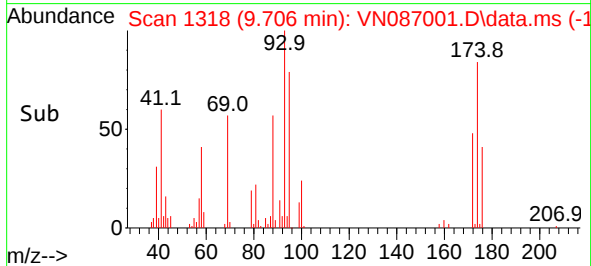
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



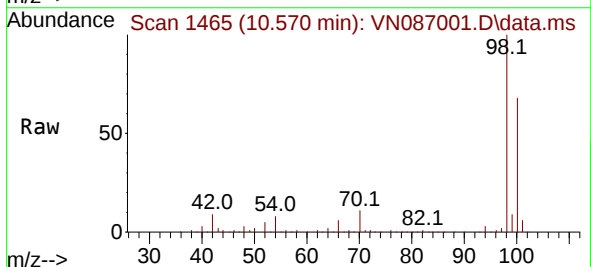
Tgt Ion: 88 Resp: 21769
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.3 57.7 86.5

Manual Integrations
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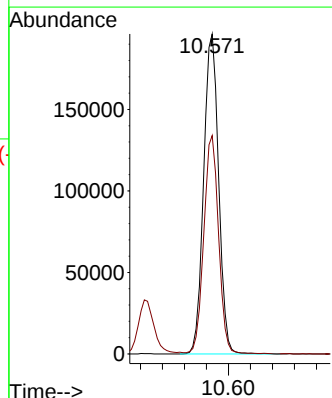
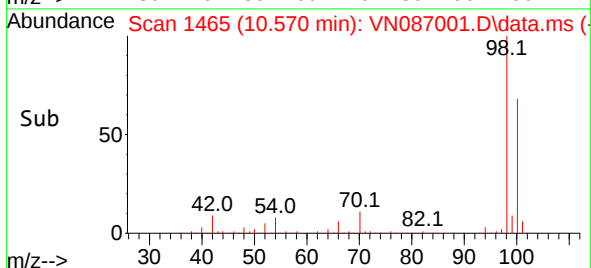
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

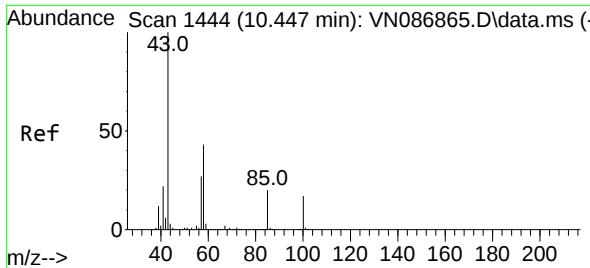


#50
Toluene-d8
Concen: 48.754 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



Tgt Ion: 98 Resp: 370479
Ion Ratio Lower Upper
98 100
100 67.7 53.4 80.0





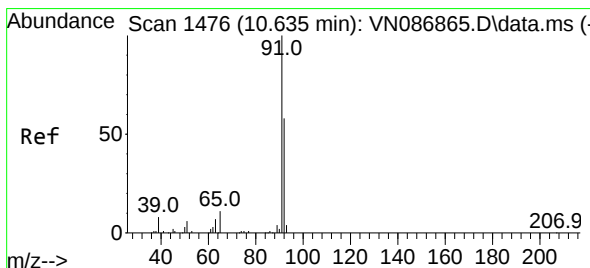
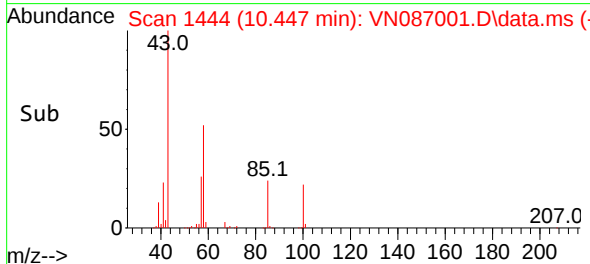
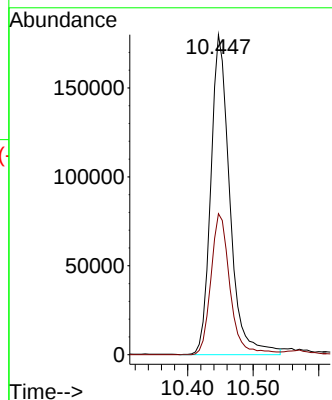
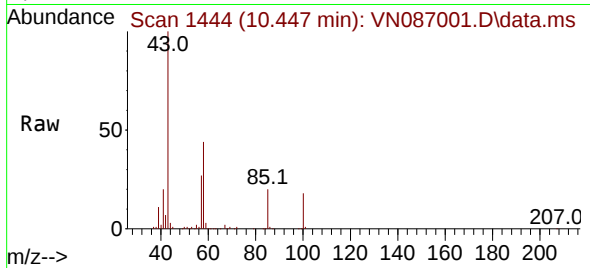
#51
4-Methyl-2-Pentanone
Concen: 102.903 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion: 43 Resp: 362032
Ion Ratio Lower Upper
43 100
58 44.4 34.2 51.4

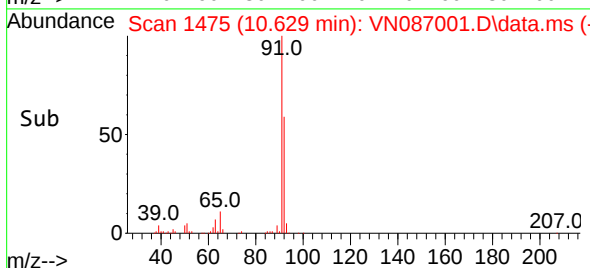
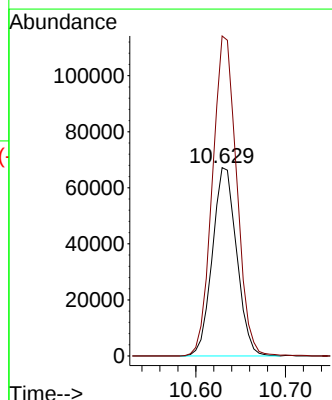
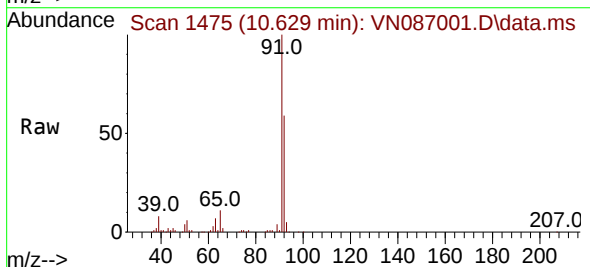
Manual Integrations
APPROVED

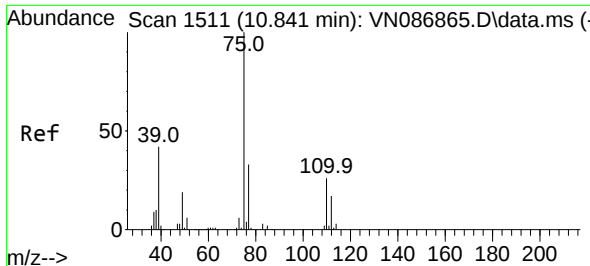
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#52
Toluene
Concen: 22.064 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

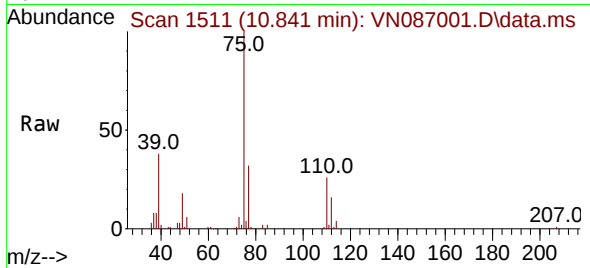
Tgt Ion: 92 Resp: 126116
Ion Ratio Lower Upper
92 100
91 170.2 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 21.834 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

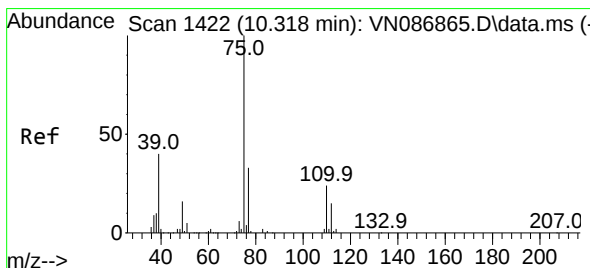
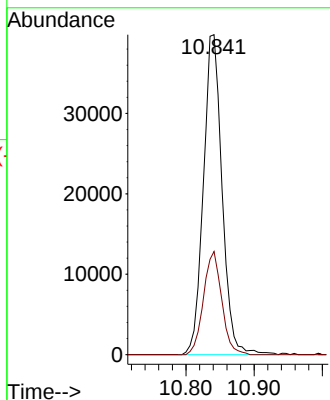
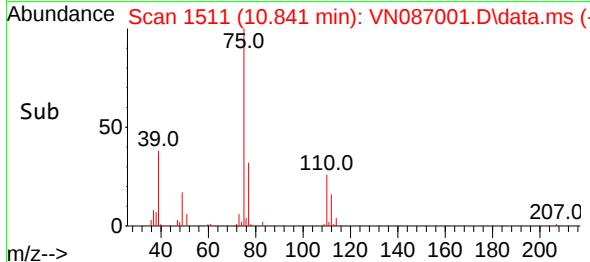
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



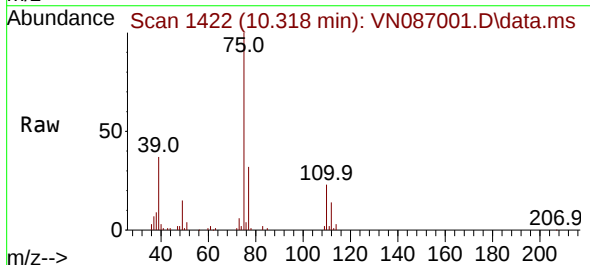
Tgt Ion: 75 Resp: 7592
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6

Manual Integrations
APPROVED

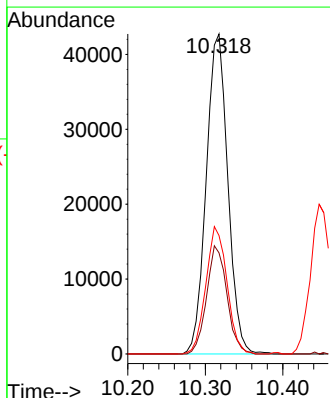
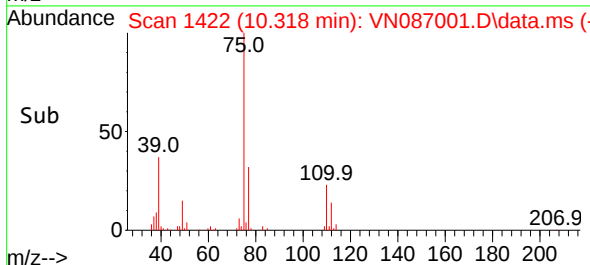
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

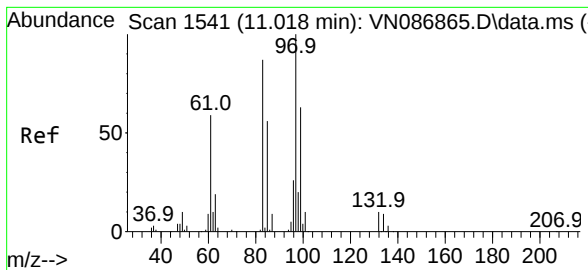


#54
cis-1,3-Dichloropropene
Concen: 22.247 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



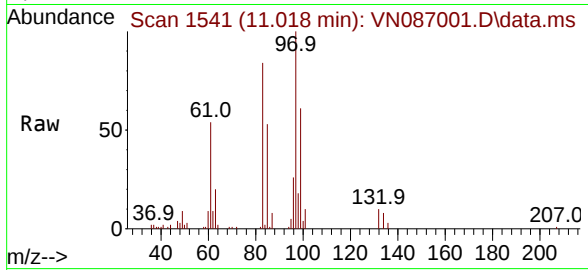
Tgt Ion: 75 Resp: 82774
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.4
39 37.0 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 22.184 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

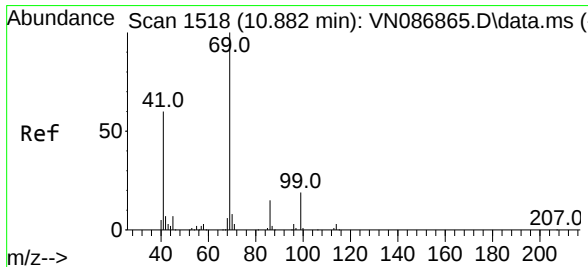
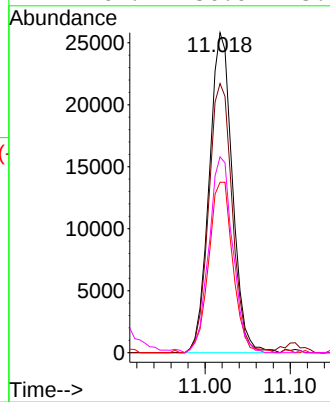
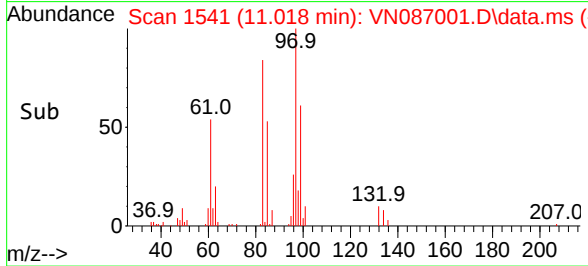
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



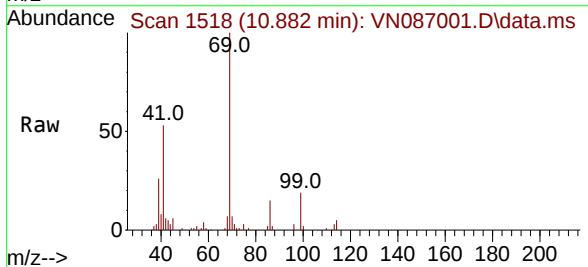
Tgt Ion: 97 Resp: 48792
Ion Ratio Lower Upper
97 100
83 84.1 69.7 104.5
85 53.3 45.1 67.7
99 61.2 50.6 75.8

Manual Integrations
APPROVED

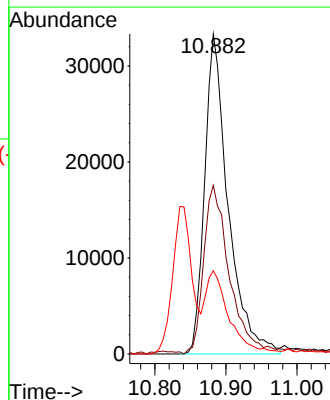
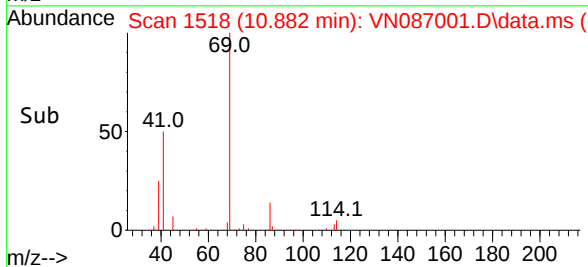
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

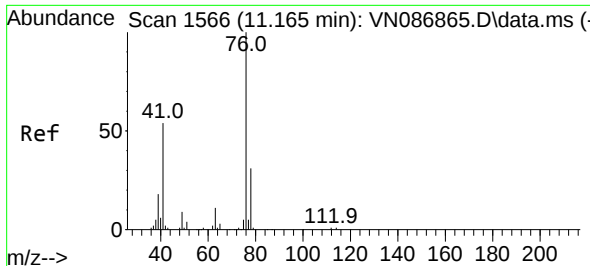


#56
Ethyl methacrylate
Concen: 21.872 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



Tgt Ion: 69 Resp: 76622
Ion Ratio Lower Upper
69 100
41 59.0 47.2 70.8
39 24.4 23.0 34.6





#57

1,3-Dichloropropane

Concen: 22.075 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBSD01

Tgt Ion: 76 Resp: 8422

Ion Ratio Lower Upper

76 100

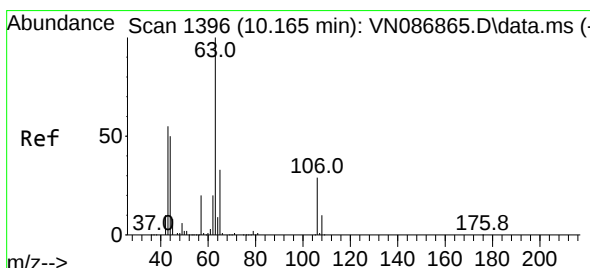
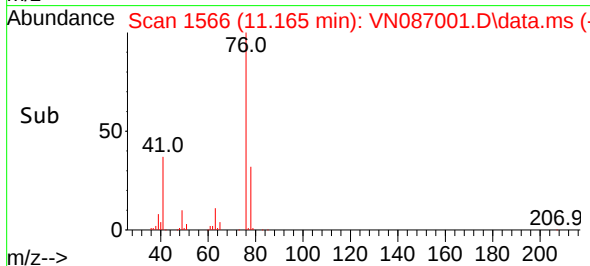
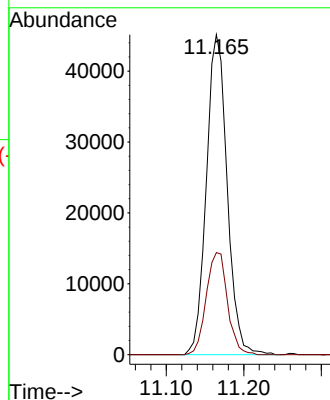
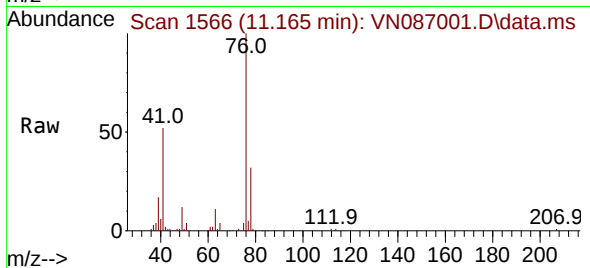
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 101.943 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN087001.D

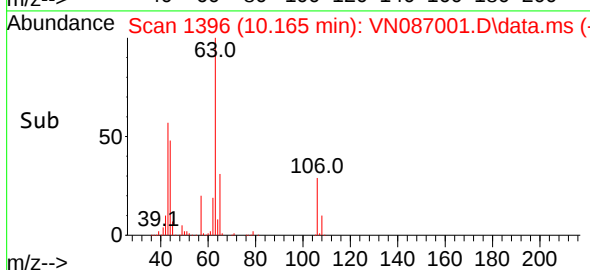
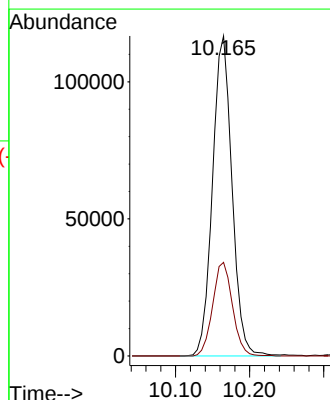
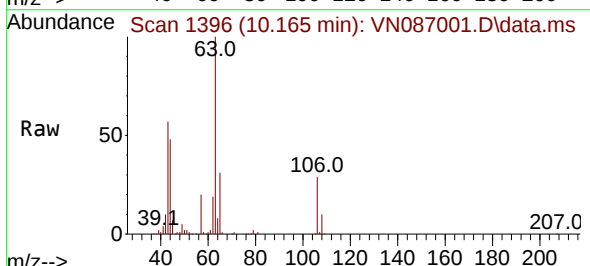
Acq: 13 Jun 2025 15:06

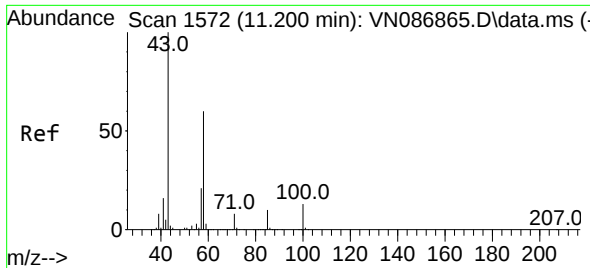
Tgt Ion: 63 Resp: 213004

Ion Ratio Lower Upper

63 100

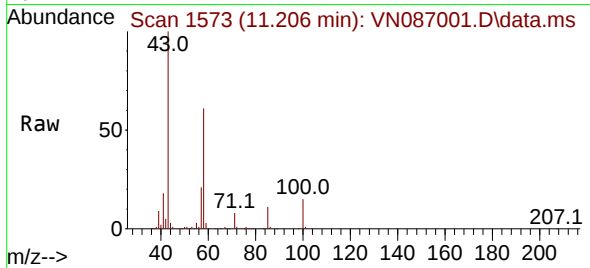
106 29.7 23.0 34.6





#59
2-Hexanone
Concen: 97.085 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

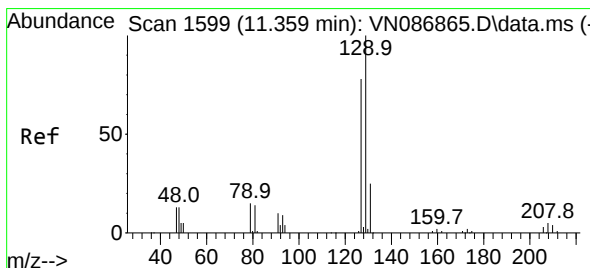
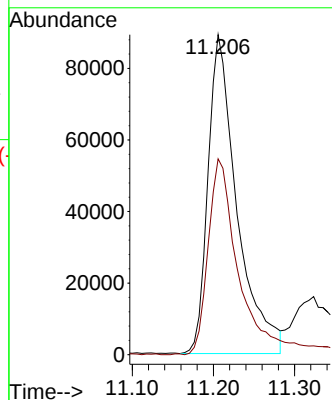
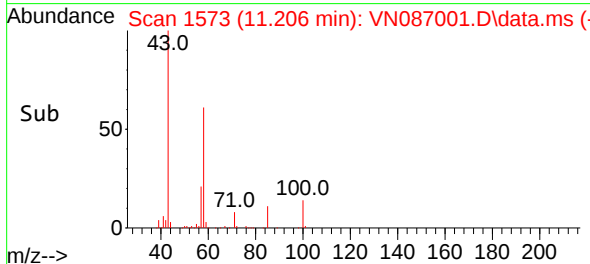
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



Tgt Ion: 43 Resp: 22001
Ion Ratio Lower Upper
43 100
58 67.1 30.4 91.3

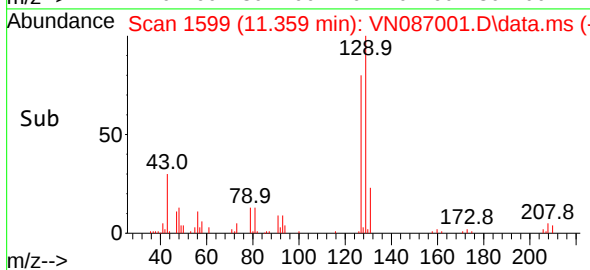
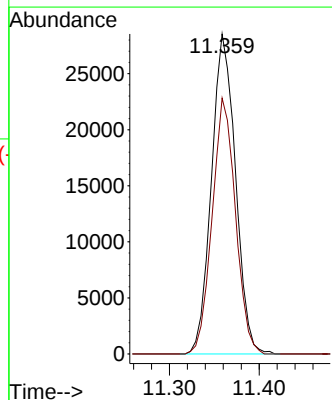
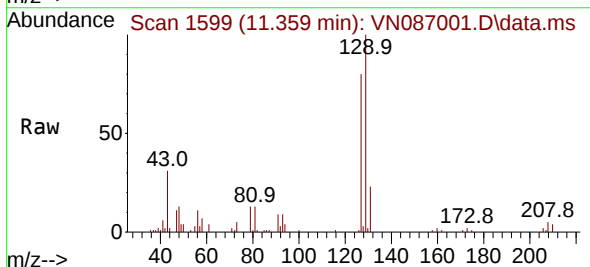
Manual Integrations
APPROVED

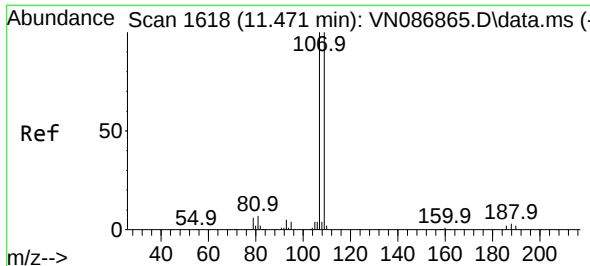
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#60
Dibromochloromethane
Concen: 23.160 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

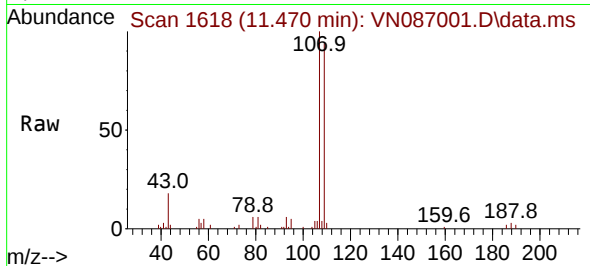
Tgt Ion:129 Resp: 53072
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 22.389 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

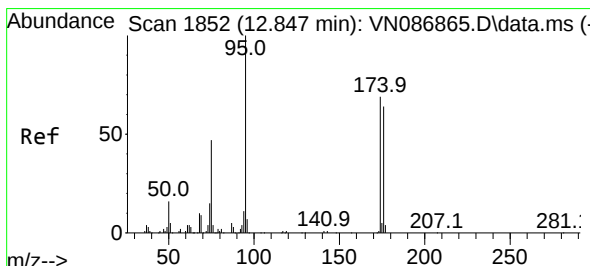
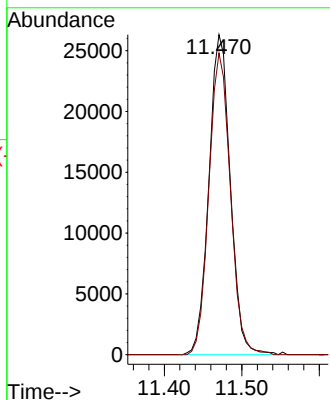
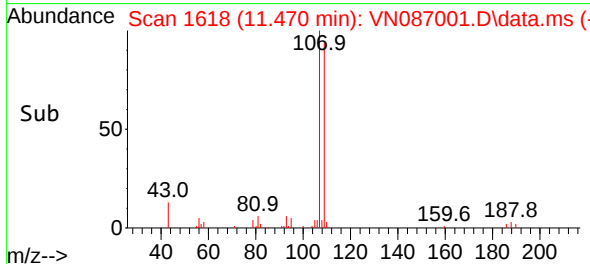
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



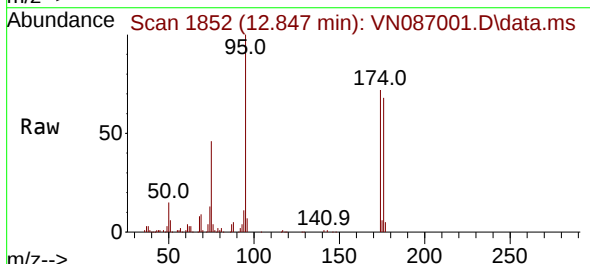
Tgt Ion:107 Resp: 50474
Ion Ratio Lower Upper
107 100
109 94.6 76.3 114.5

Manual Integrations
APPROVED

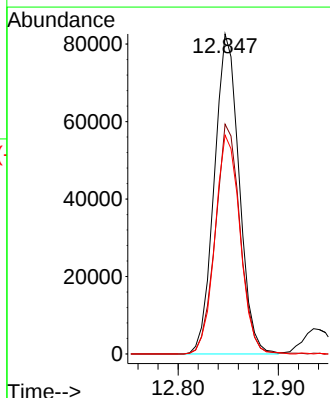
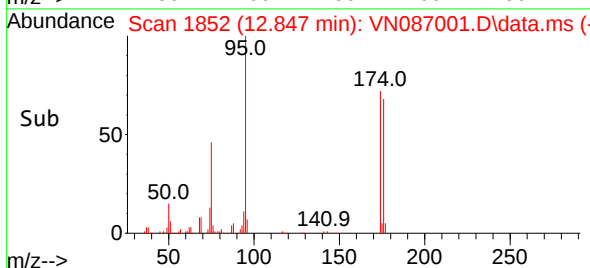
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

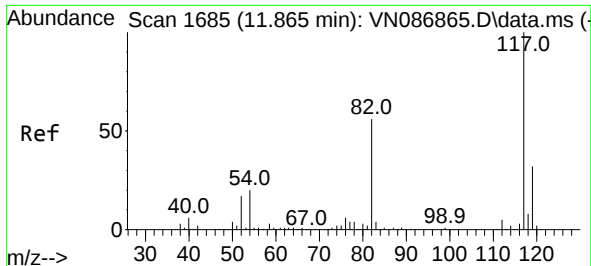


#62
4-Bromofluorobenzene
Concen: 50.331 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



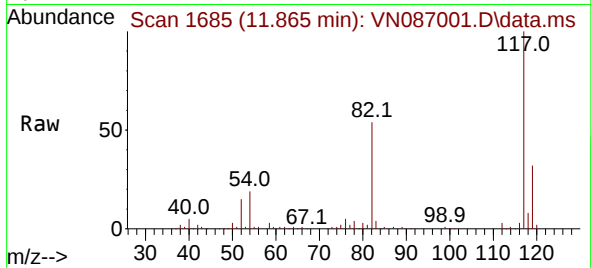
Tgt Ion: 95 Resp: 142094
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.8
176 69.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

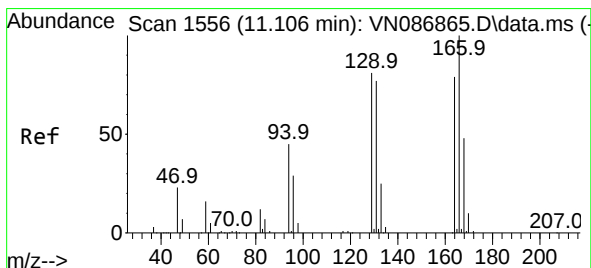
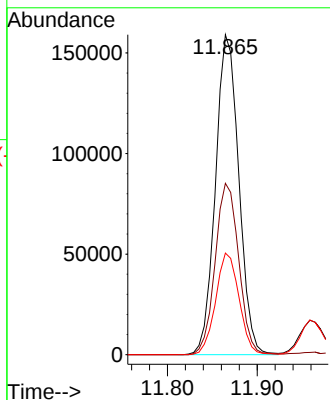
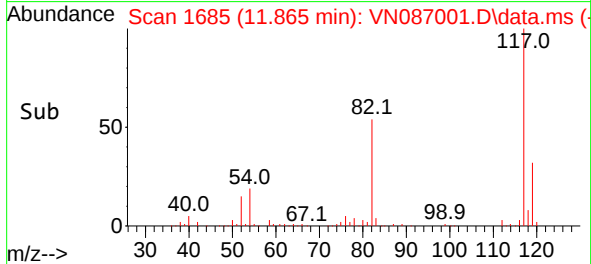
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



Tgt Ion:117 Resp: 28745
Ion Ratio Lower Upper
117 100
82 53.6 44.6 67.0
119 31.8 25.5 38.3

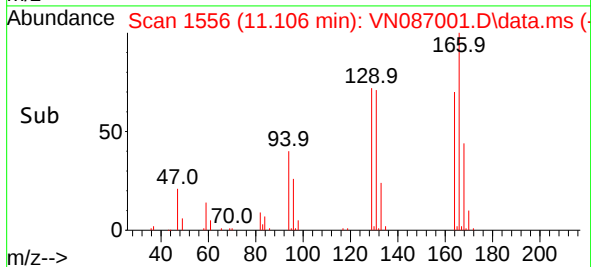
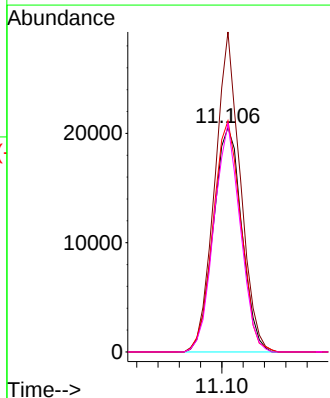
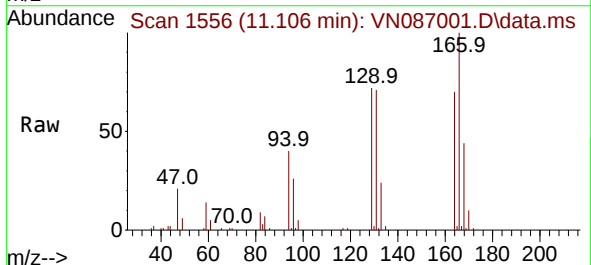
Manual Integrations
APPROVED

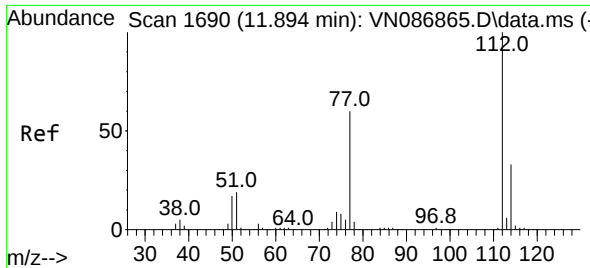
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#64
Tetrachloroethene
Concen: 20.953 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

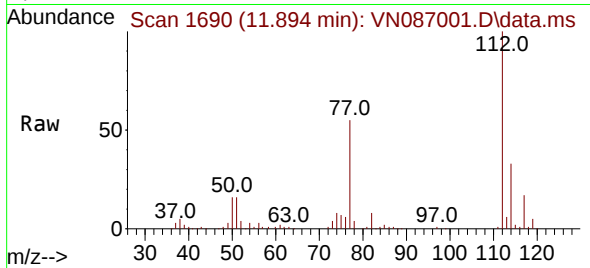
Tgt Ion:164 Resp: 38118
Ion Ratio Lower Upper
164 100
166 142.7 101.8 152.8
129 103.1 83.0 124.4
131 101.7 78.2 117.2





#65
Chlorobenzene
Concen: 21.819 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

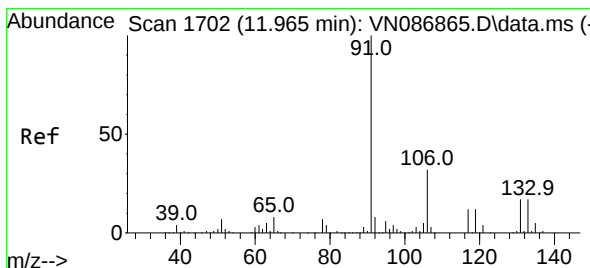
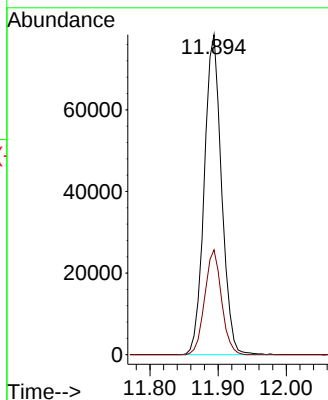
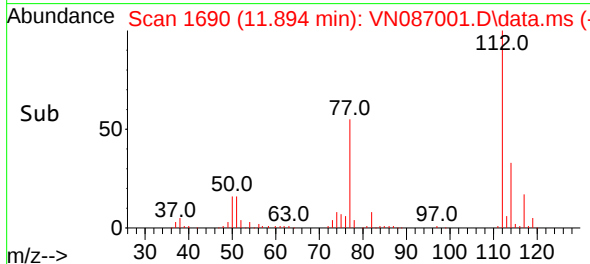
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



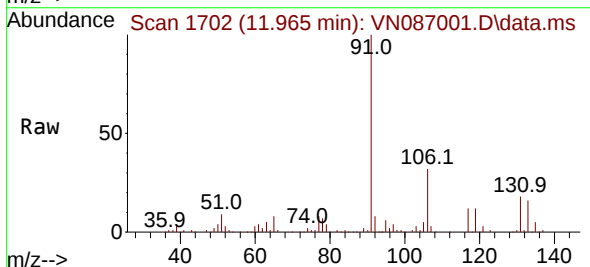
Tgt Ion:112 Resp: 13833
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2

Manual Integrations
APPROVED

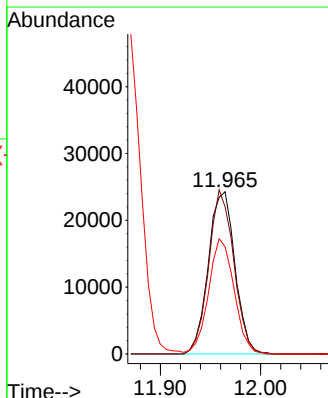
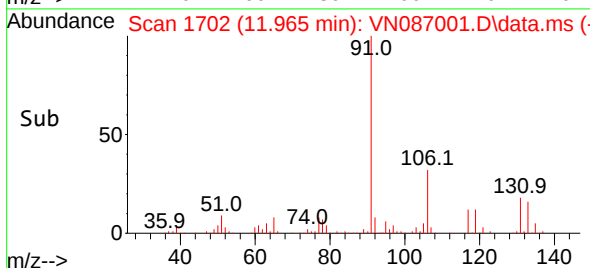
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

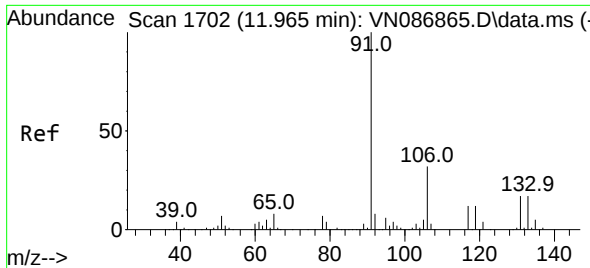


#66
1,1,1,2-Tetrachloroethane
Concen: 22.016 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



Tgt Ion:131 Resp: 44867
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.8
119 68.1 34.0 101.8





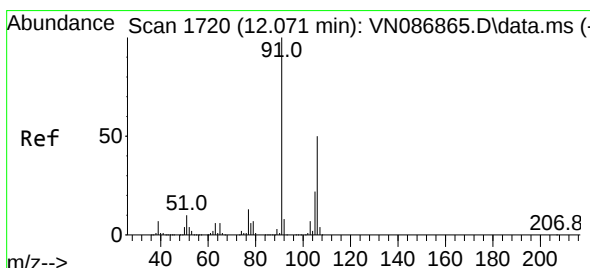
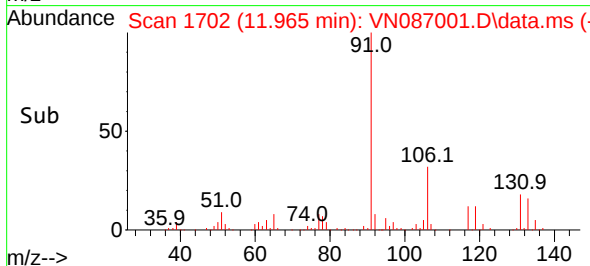
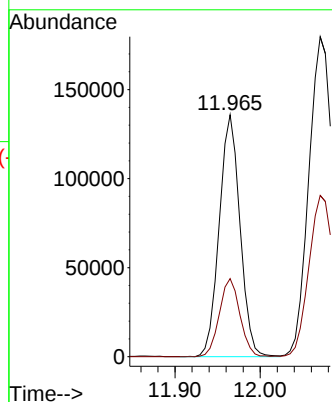
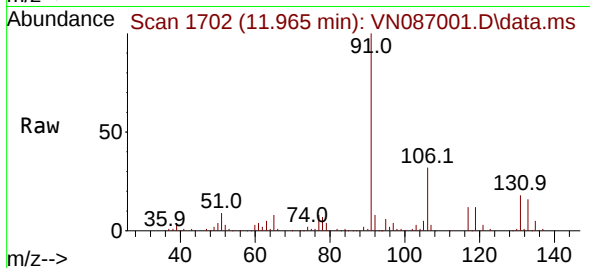
#67
Ethyl Benzene
Concen: 21.075 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion: 91 Resp: 23014
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2

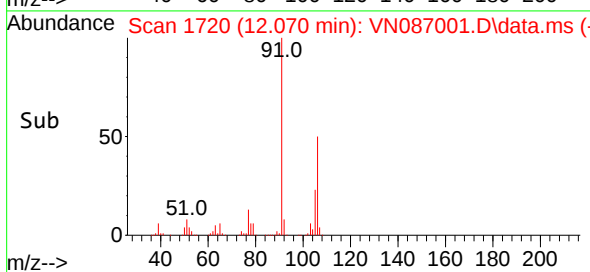
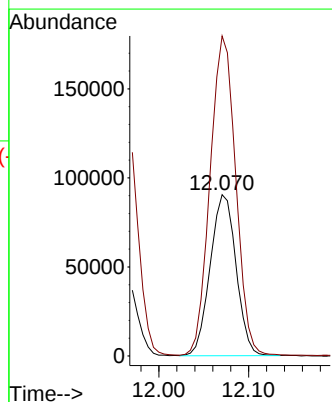
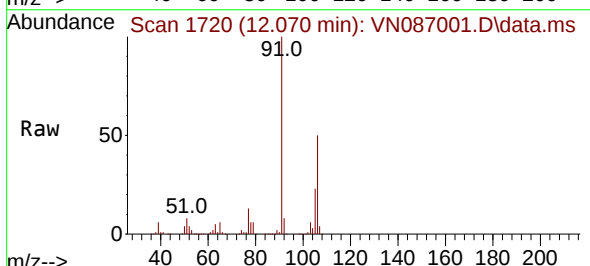
Manual Integrations
APPROVED

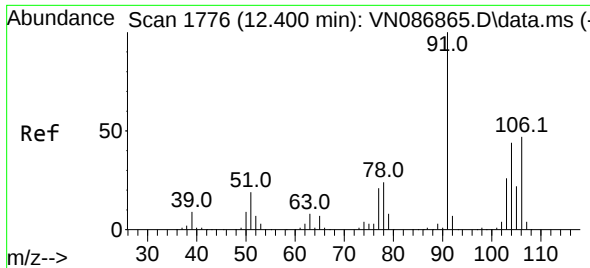
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#68
m/p-Xylenes
Concen: 43.378 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion:106 Resp: 181334
Ion Ratio Lower Upper
106 100
91 197.1 159.4 239.0





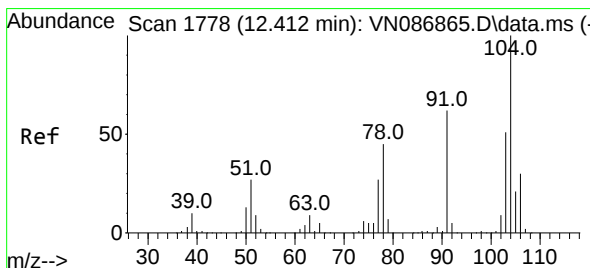
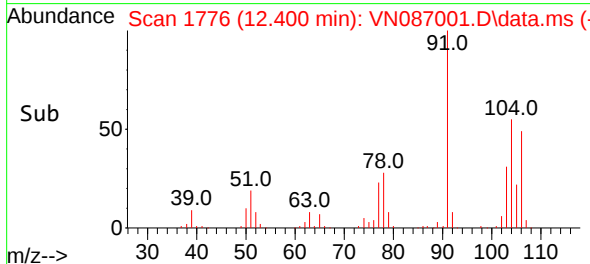
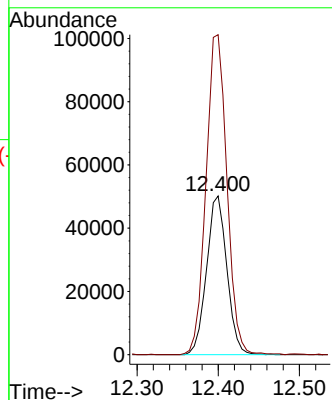
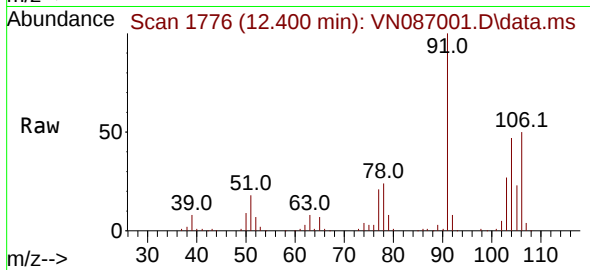
#69
o-Xylene
Concen: 21.772 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion:106 Resp: 8716
Ion Ratio Lower Upper
106 100
91 207.4 106.1 318.1

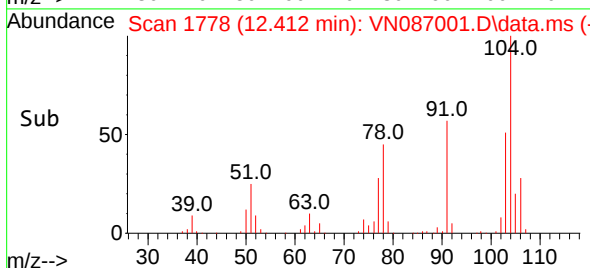
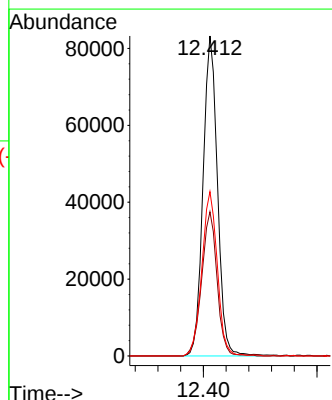
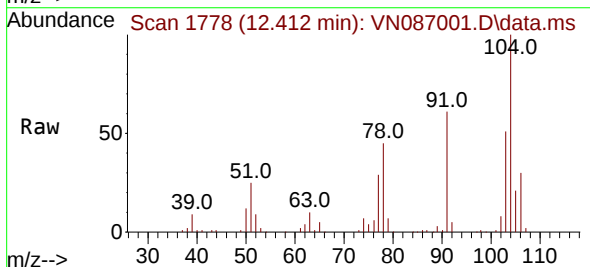
Manual Integrations
APPROVED

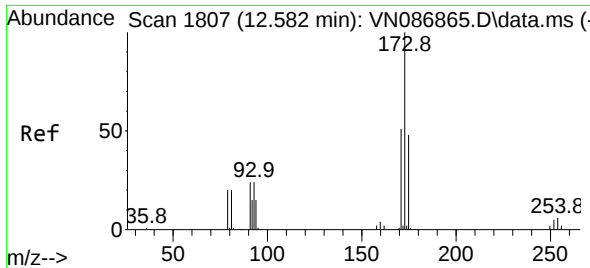
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#70
Styrene
Concen: 21.429 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

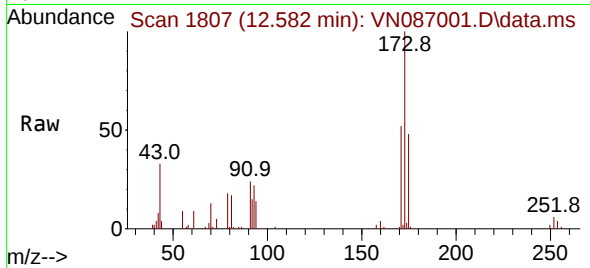
Tgt Ion:104 Resp: 146813
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 54.9 43.1 64.7





#71
Bromoform
Concen: 23.552 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

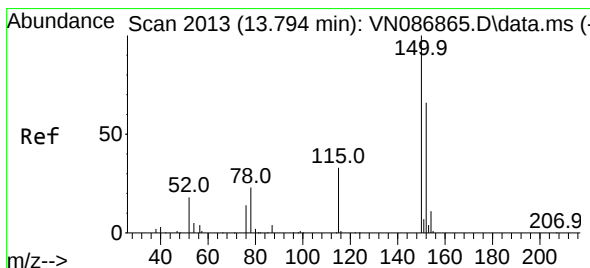
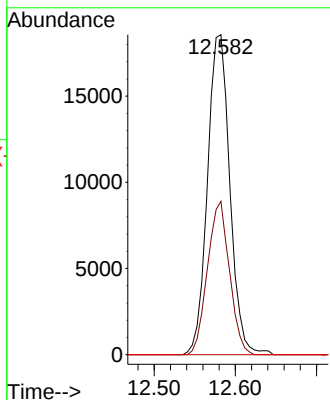
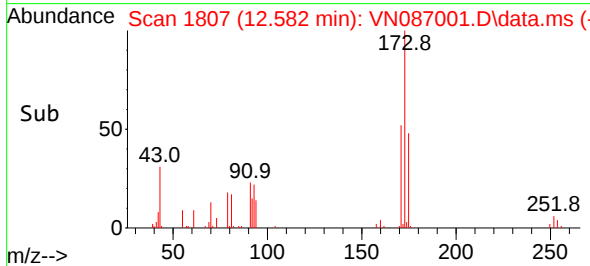
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



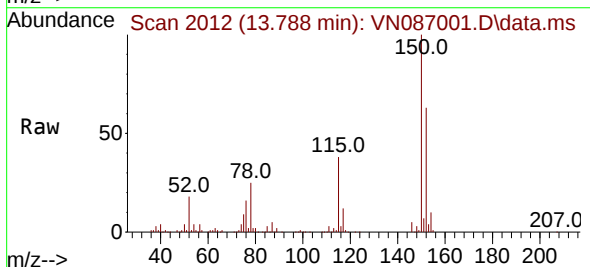
Tgt Ion:173 Resp: 35564
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

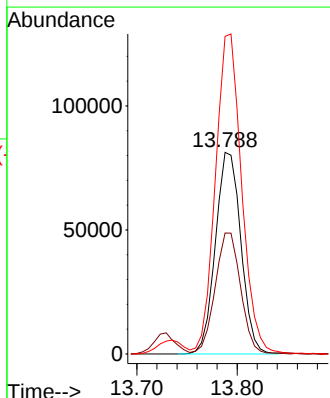
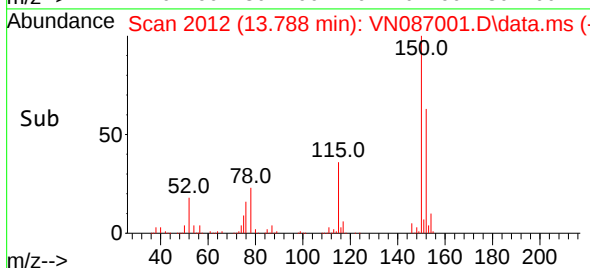
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

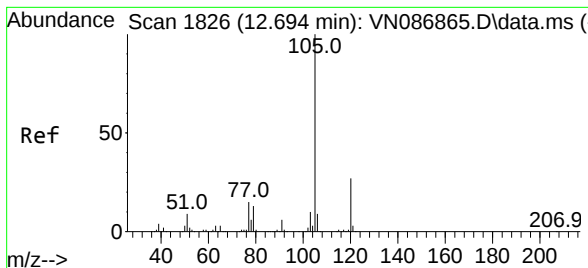


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



Tgt Ion:152 Resp: 143189
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 163.9 0.0 345.0





#73

Isopropylbenzene

Concen: 20.440 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBSD01

Tgt Ion:105 Resp: 213224

Ion Ratio Lower Upper

105 100

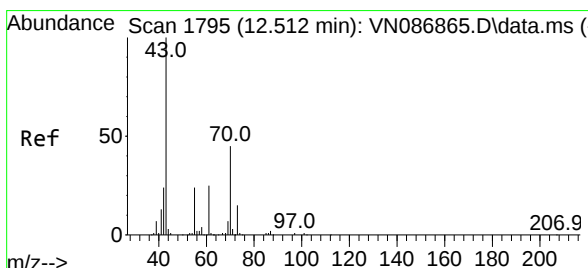
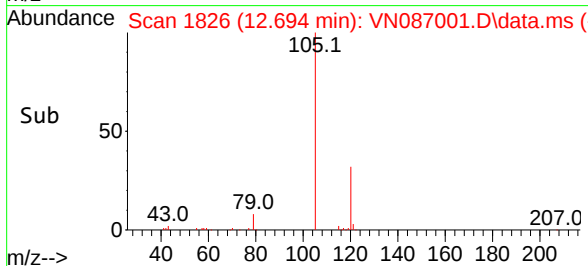
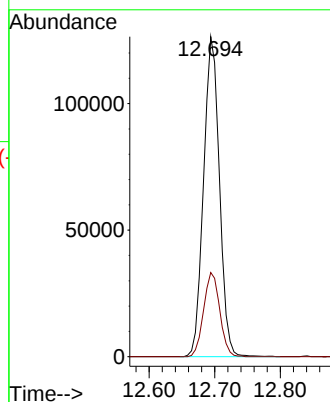
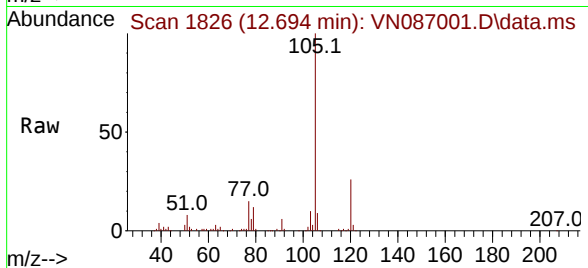
120 26.7 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#74

N-ethyl acetate

Concen: 16.267 ug/l

RT: 12.529 min Scan# 1798

Delta R.T. 0.017 min

Lab File: VN087001.D

Acq: 13 Jun 2025 15:06

Tgt Ion: 43 Resp: 59296

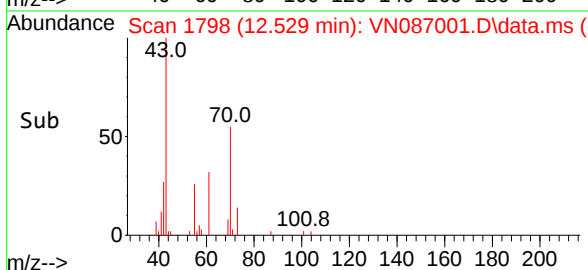
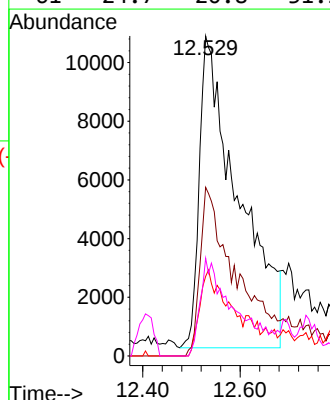
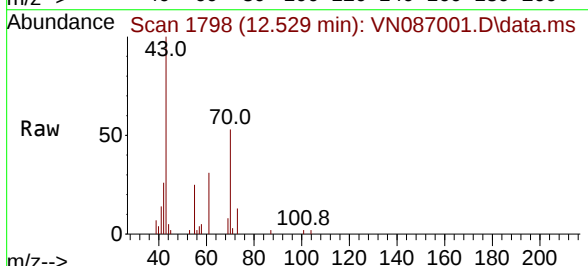
Ion Ratio Lower Upper

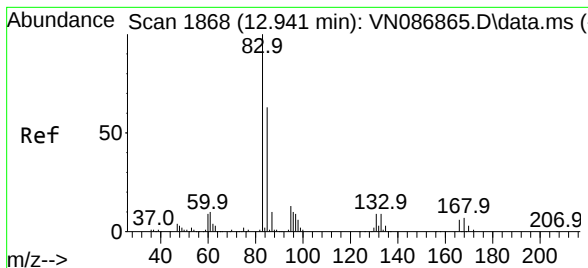
43 100

70 41.6 37.6 56.4

55 19.9 19.0 28.6

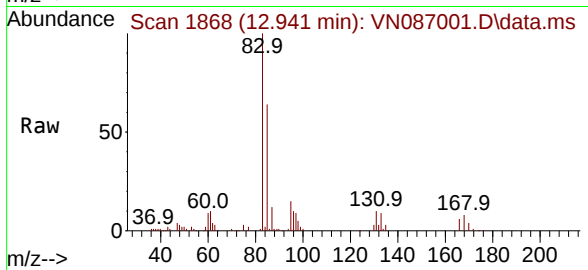
61 24.7 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.222 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

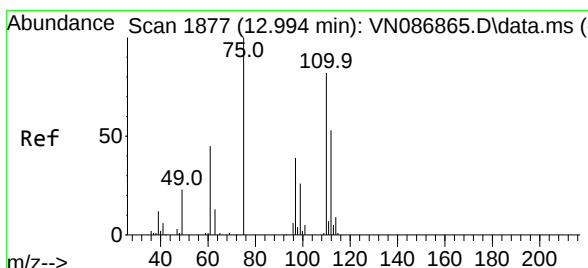
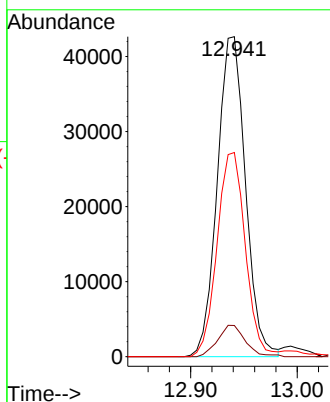
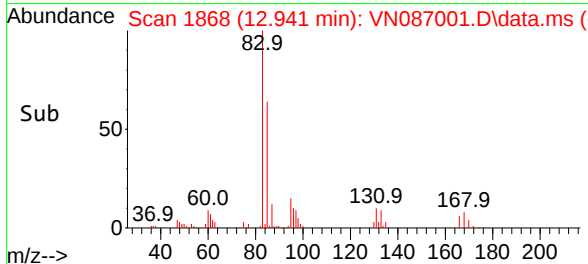
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



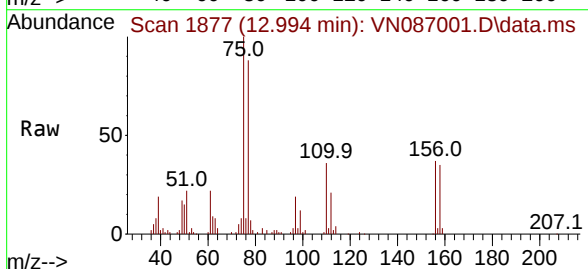
Tgt Ion: 83 Resp: 78532
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 63.8 32.0 96.0

Manual Integrations
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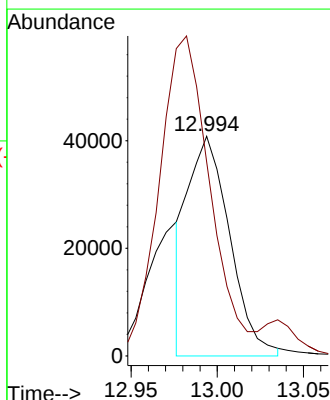
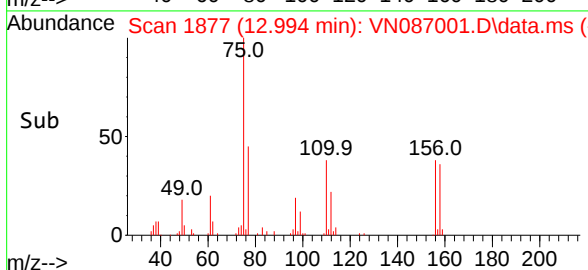
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

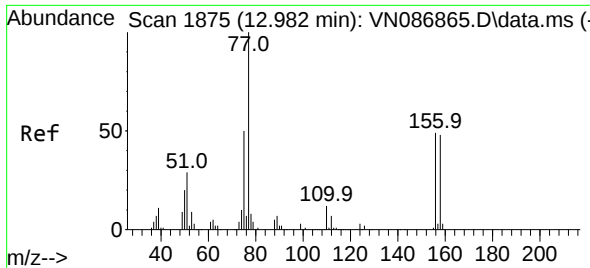


#76
1,2,3-Trichloropropane
Concen: 20.318 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06



Tgt Ion: 75 Resp: 69154
Ion Ratio Lower Upper
75 100
77 175.5 79.3 237.9





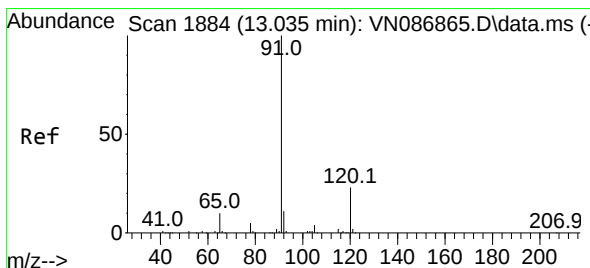
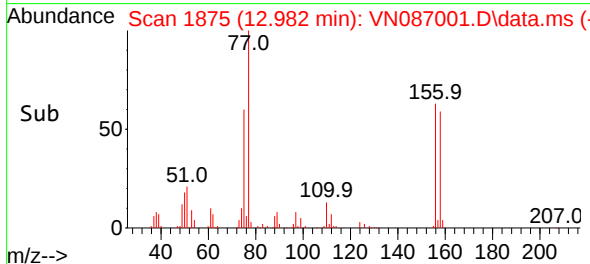
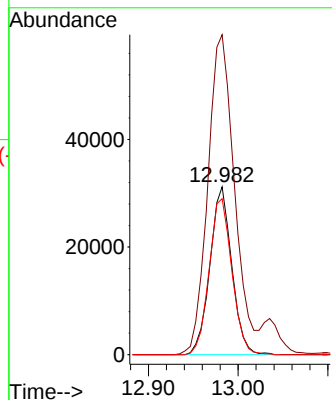
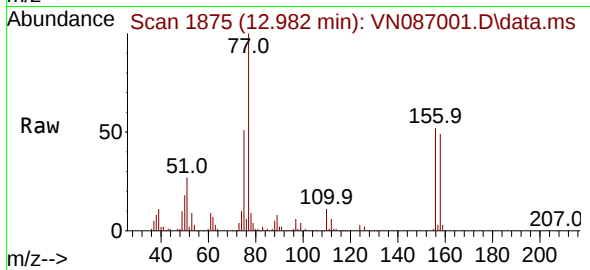
#77
Bromobenzene
Concen: 22.007 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion:156 Resp: 52640
Ion Ratio Lower Upper
156 100
77 230.6 117.7 353.1
158 96.7 48.1 144.4

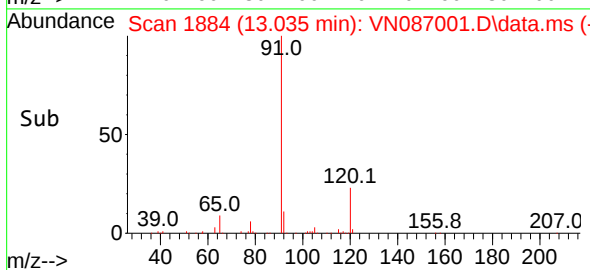
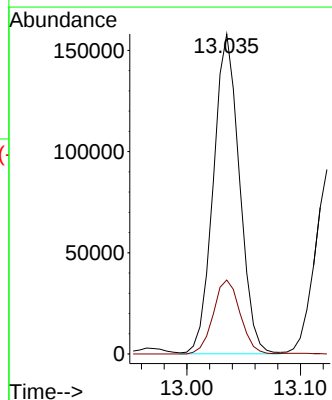
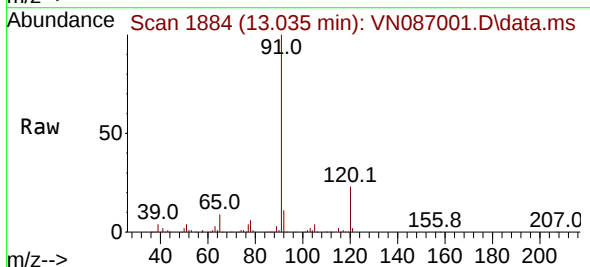
Manual Integrations
APPROVED

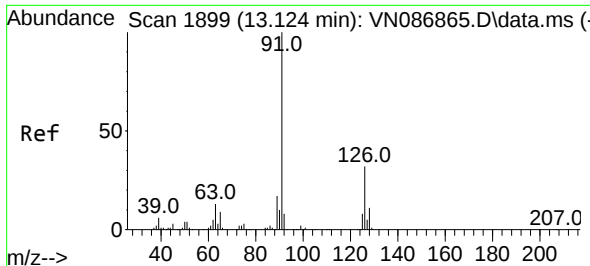
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#78
n-propylbenzene
Concen: 19.917 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion: 91 Resp: 252489
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2





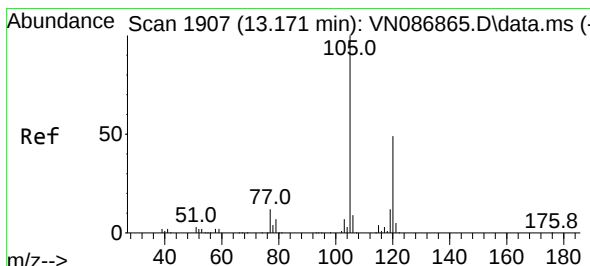
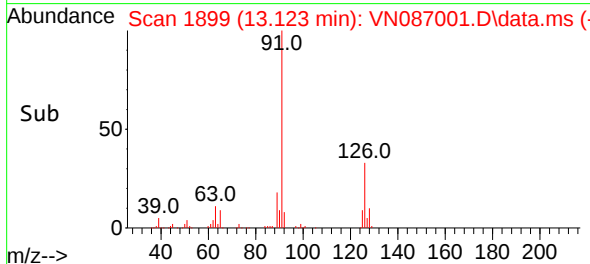
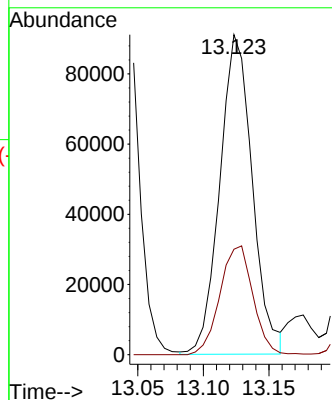
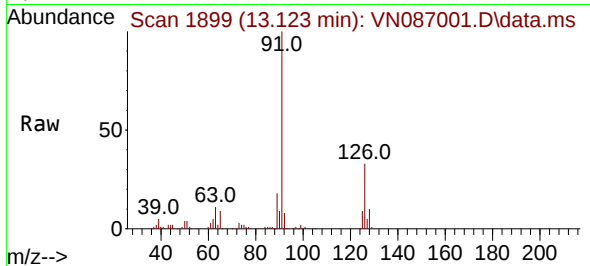
#79
2-Chlorotoluene
Concen: 20.646 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion: 91 Resp: 156960
Ion Ratio Lower Upper
91 100
126 34.6 16.2 48.5

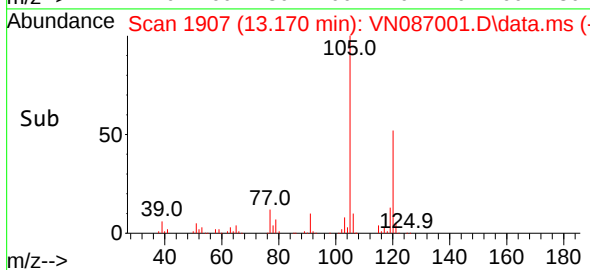
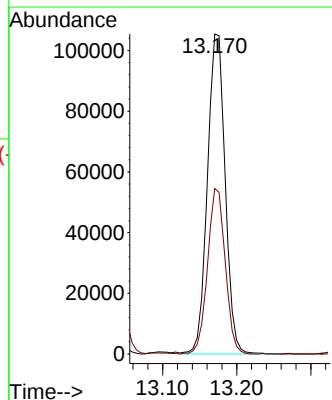
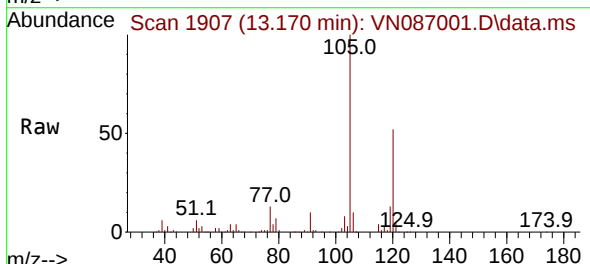
Manual Integrations
APPROVED

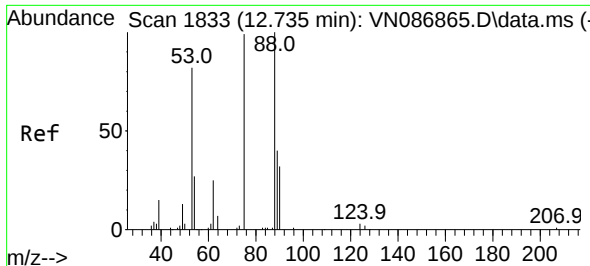
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.375 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

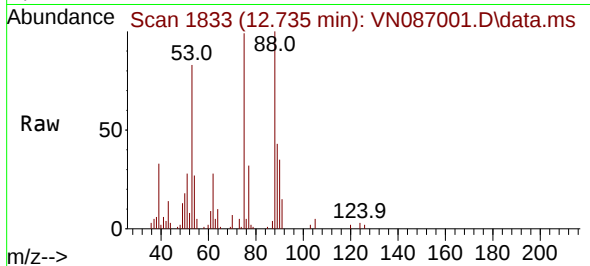
Tgt Ion:105 Resp: 175480
Ion Ratio Lower Upper
105 100
120 51.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.850 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

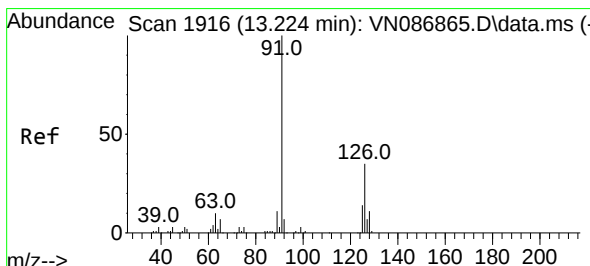
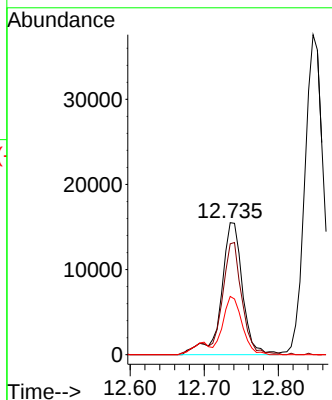
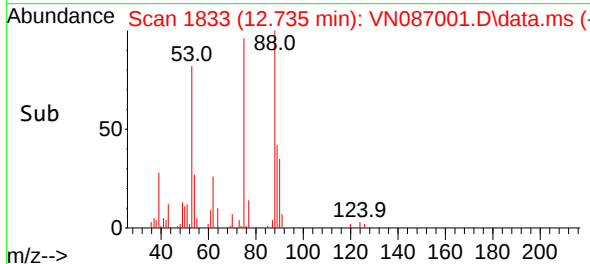
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01



Tgt Ion: 75 Resp: 30829
Ion Ratio Lower Upper
75 100
53 83.3 66.6 99.8
89 39.6 36.7 55.1

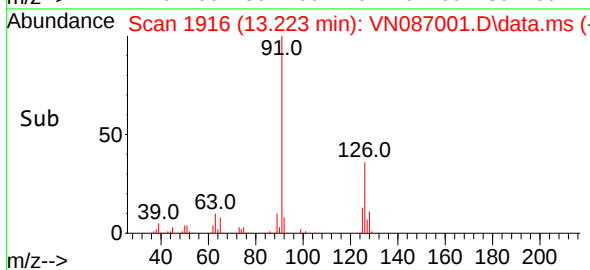
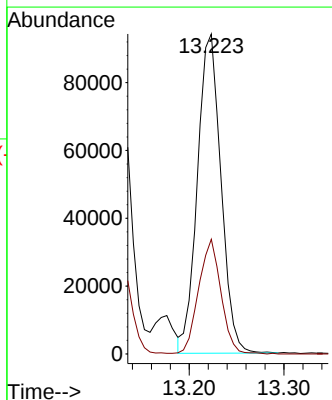
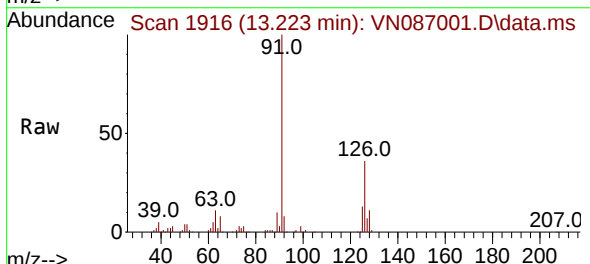
Manual Integrations
APPROVED

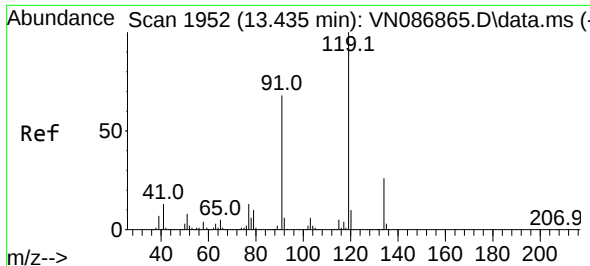
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#82
4-Chlorotoluene
Concen: 21.111 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

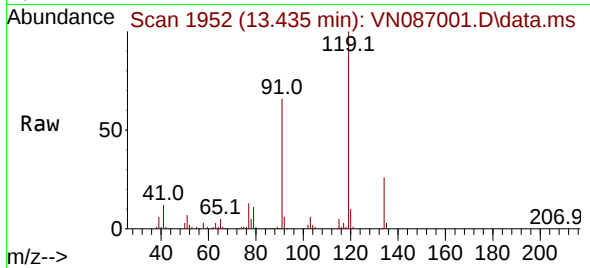
Tgt Ion: 91 Resp: 162398
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 19.618 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

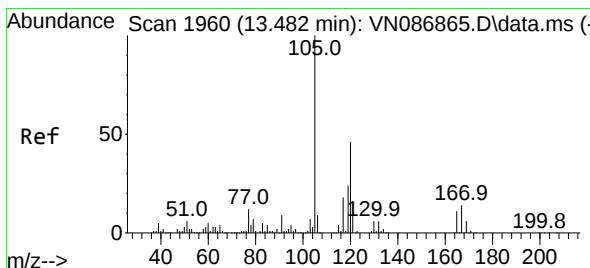
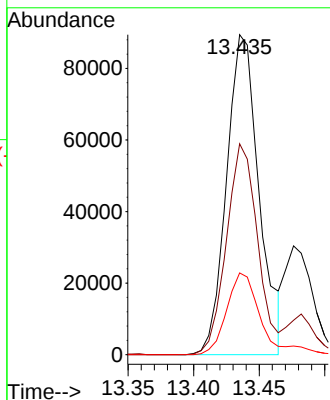
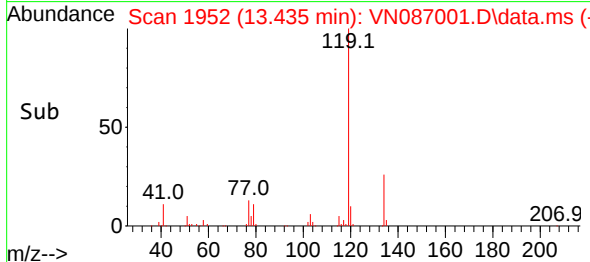
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01



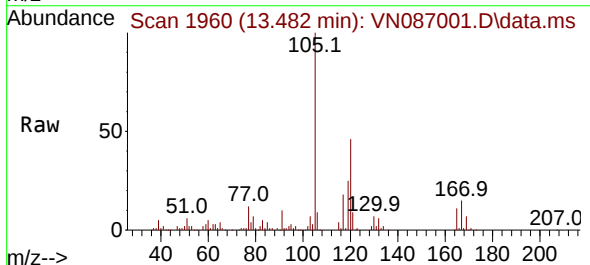
Tgt Ion:119 Resp: 154658
 Ion Ratio Lower Upper
 119 100
 91 63.2 32.1 96.5
 134 26.8 13.4 40.1

Manual Integrations
 APPROVED

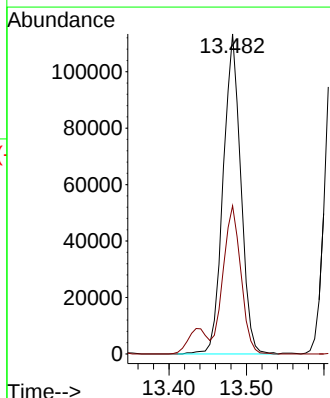
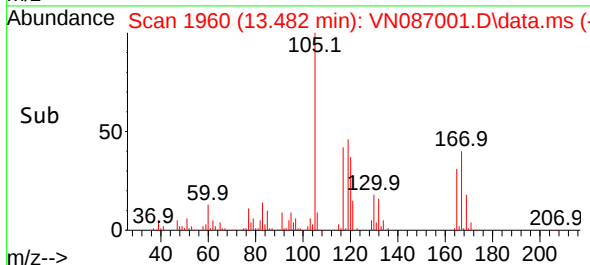
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025

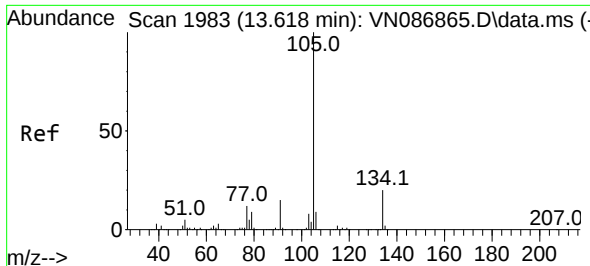


#84
 1,2,4-Trimethylbenzene
 Concen: 20.782 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06



Tgt Ion:105 Resp: 179474
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





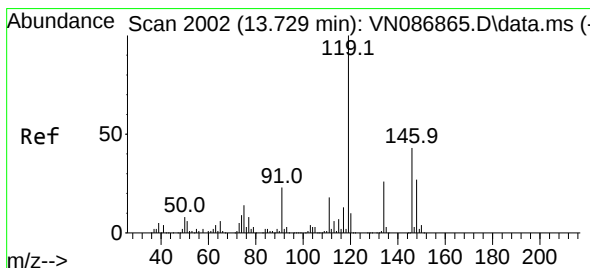
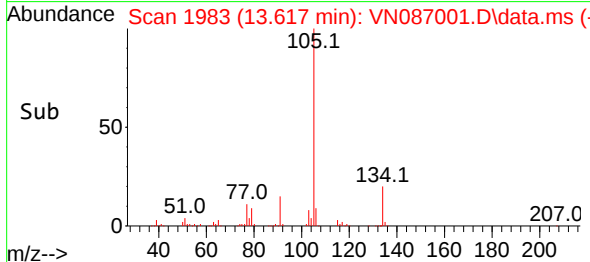
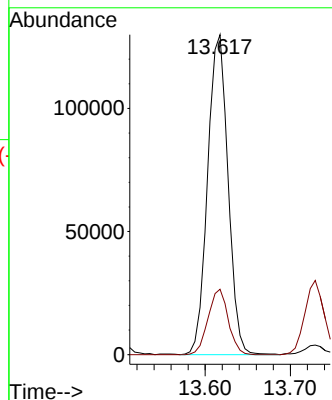
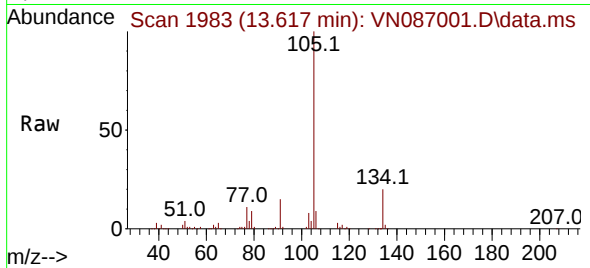
#85
 sec-Butylbenzene
 Concen: 18.932 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01

Tgt Ion:105 Resp: 21674
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0

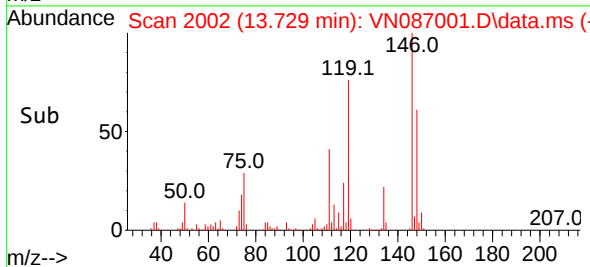
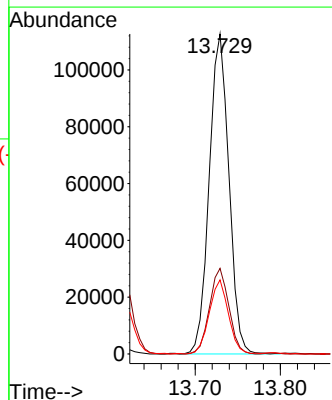
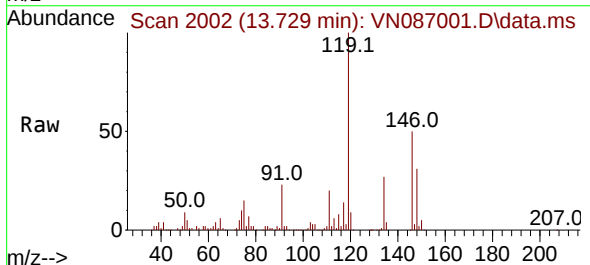
Manual Integrations
 APPROVED

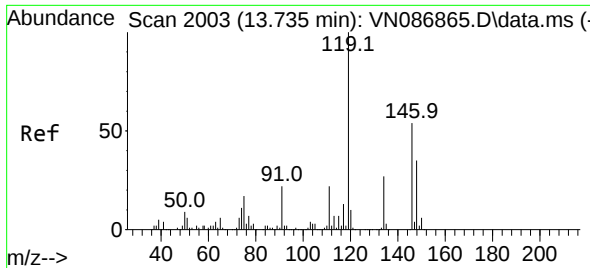
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#86
 p-Isopropyltoluene
 Concen: 19.098 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

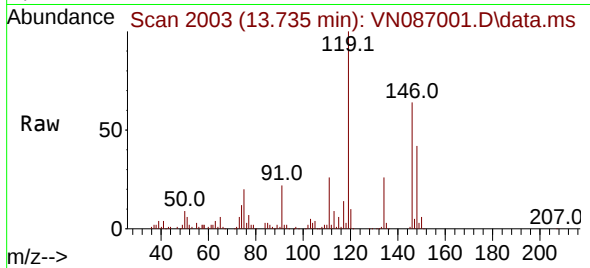
Tgt Ion:119 Resp: 180744
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 22.6 11.5 34.4





#87
 1,3-Dichlorobenzene
 Concen: 21.409 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06

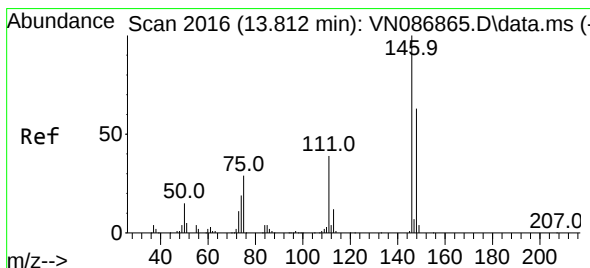
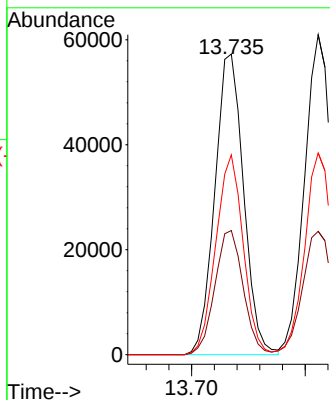
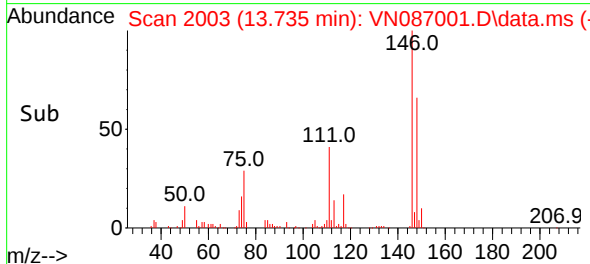
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01



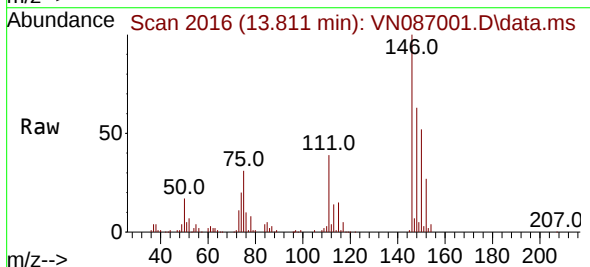
Tgt Ion:146 Resp: 10076
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.9 62.8
 148 63.4 32.0 96.2

Manual Integrations
 APPROVED

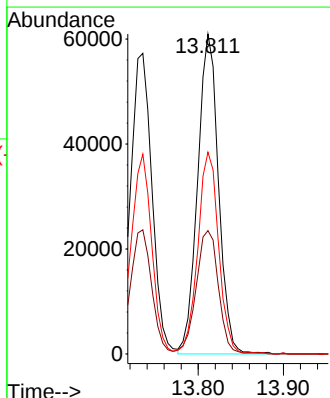
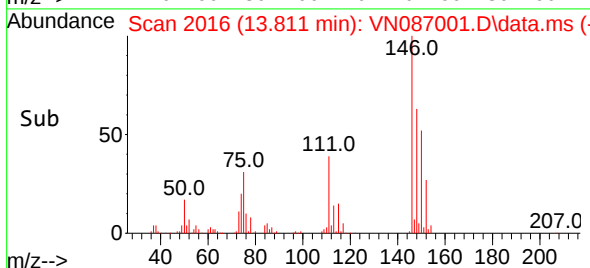
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025

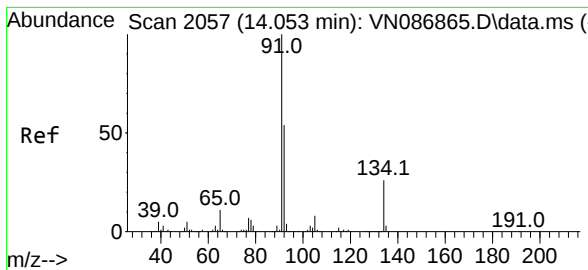


#88
 1,4-Dichlorobenzene
 Concen: 21.597 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087001.D
 Acq: 13 Jun 2025 15:06



Tgt Ion:146 Resp: 103638
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.7
 148 62.3 31.8 95.4





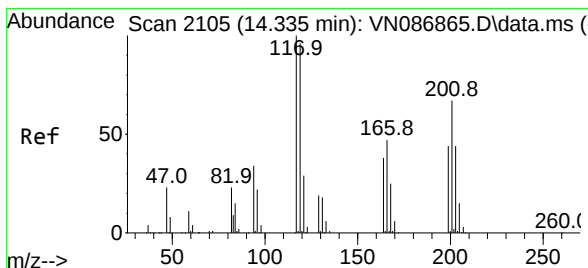
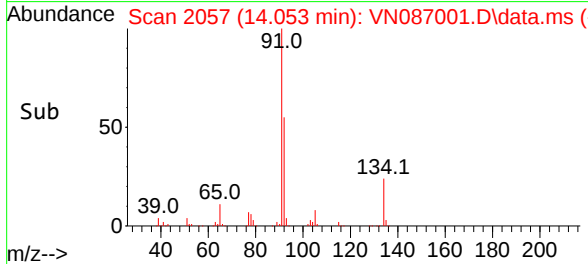
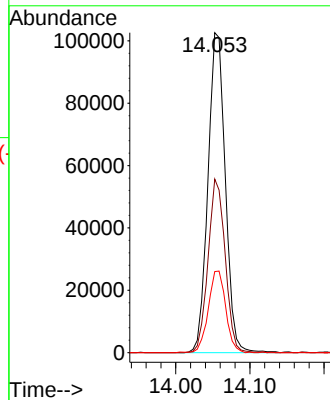
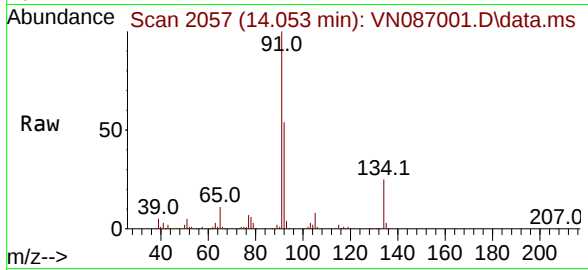
#89
n-Butylbenzene
Concen: 18.223 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion: 91 Resp: 167048
Ion Ratio Lower Upper
91 100
92 53.6 27.5 82.4
134 25.7 13.0 39.0

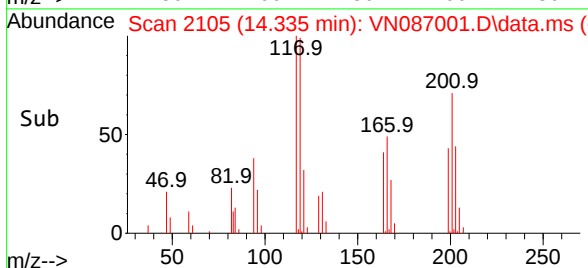
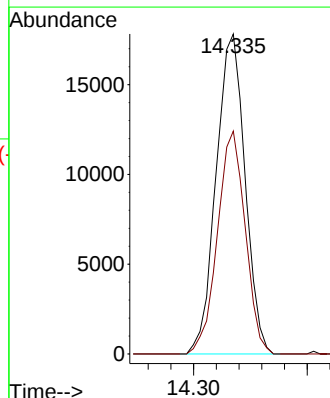
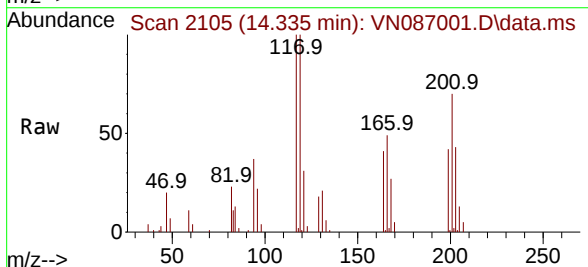
Manual Integrations
APPROVED

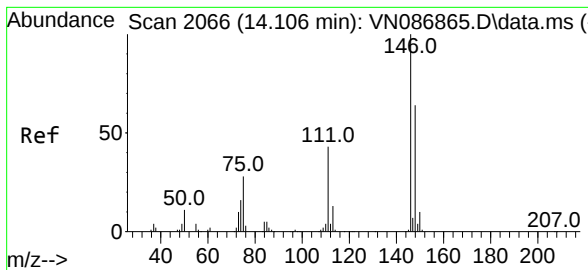
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#90
Hexachloroethane
Concen: 19.646 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion:117 Resp: 31515
Ion Ratio Lower Upper
117 100
201 67.0 33.2 99.6





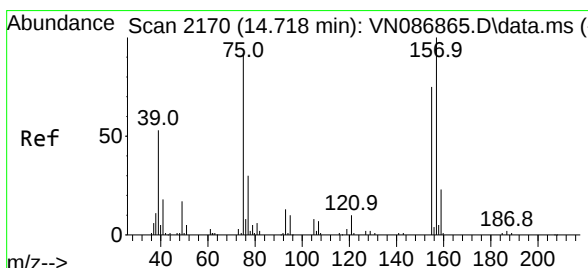
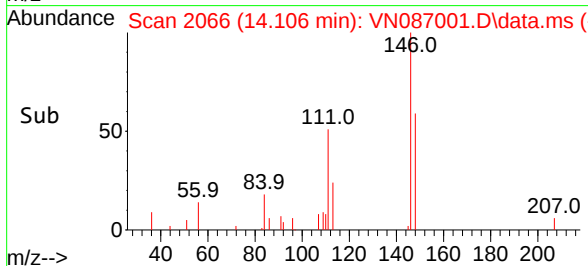
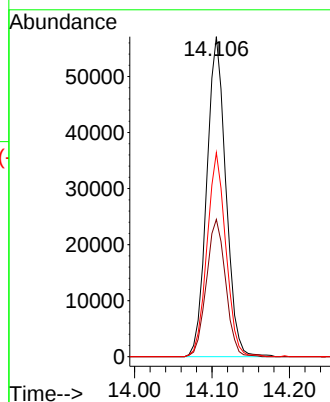
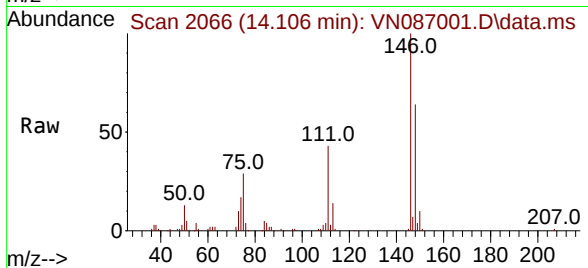
#91
1,2-Dichlorobenzene
Concen: 21.596 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion:146 Resp: 9765
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 62.9 31.7 95.1

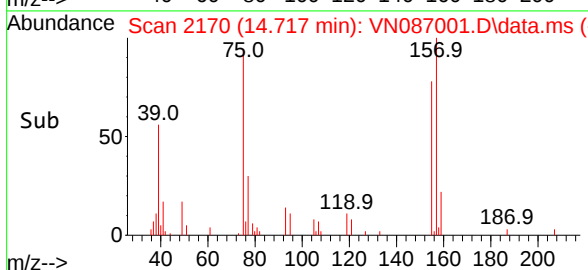
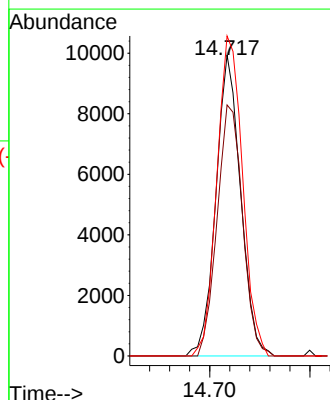
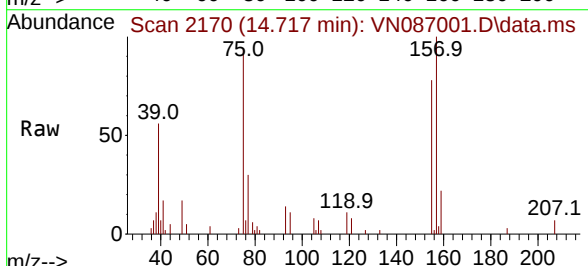
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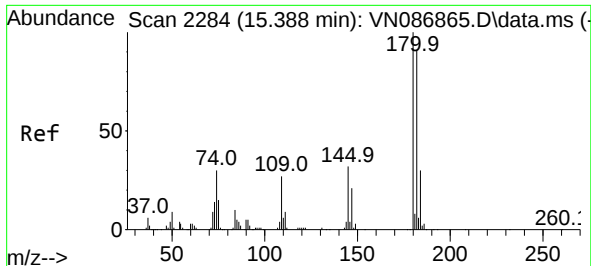
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.109 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion: 75 Resp: 16995
Ion Ratio Lower Upper
75 100
155 85.8 41.1 123.4
157 110.6 52.7 158.1





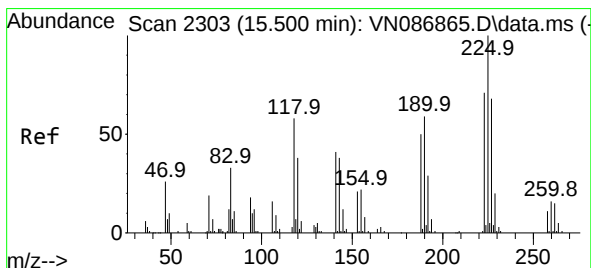
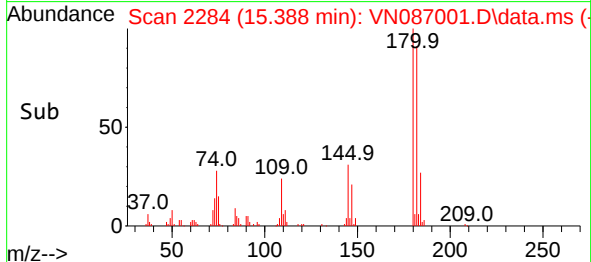
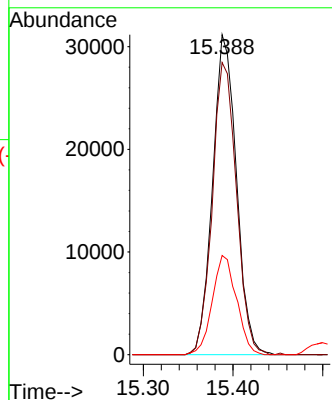
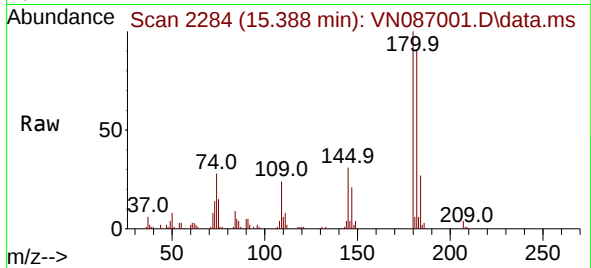
#93
1,2,4-Trichlorobenzene
Concen: 19.852 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion:180 Resp: 57324
Ion Ratio Lower Upper
180 100
182 92.5 46.9 140.7
145 31.6 16.0 47.9

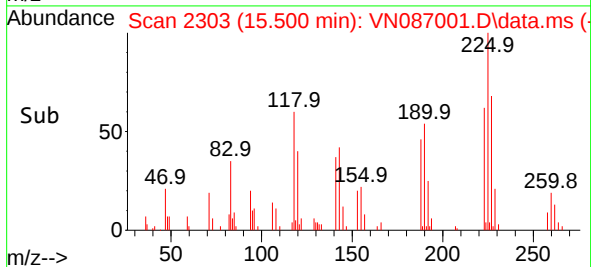
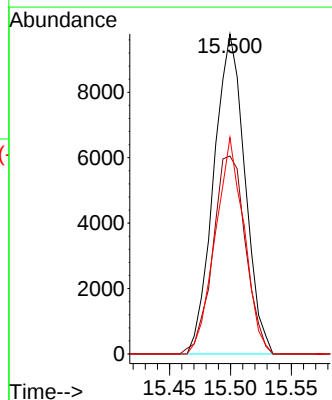
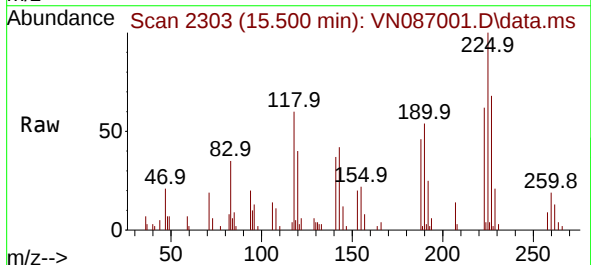
Manual Integrations
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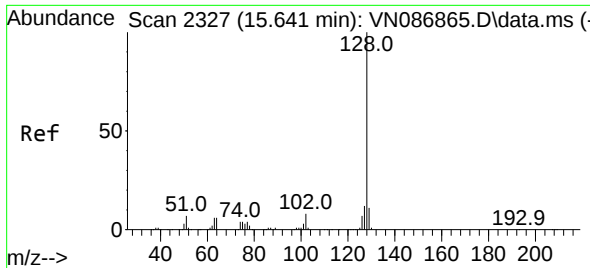
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#94
Hexachlorobutadiene
Concen: 16.178 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion:225 Resp: 17405
Ion Ratio Lower Upper
225 100
223 64.9 33.5 100.4
227 62.8 31.1 93.5





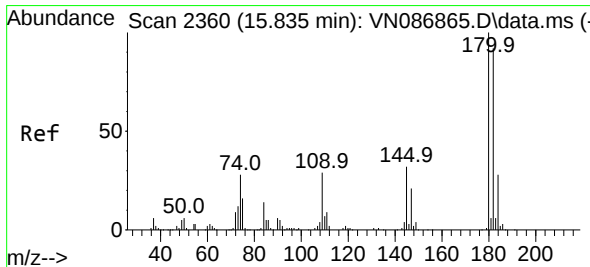
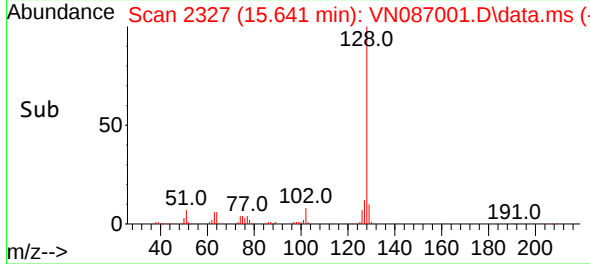
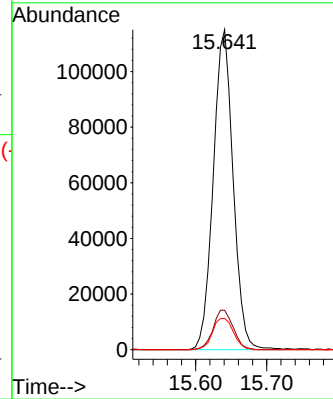
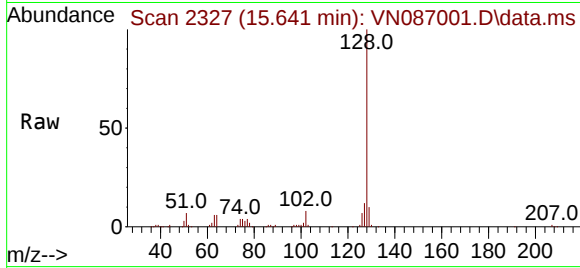
#95
Naphthalene
Concen: 20.779 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBSD01

Tgt Ion:128 Resp: 223330
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.3 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.653 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN087001.D
Acq: 13 Jun 2025 15:06

Tgt Ion:180 Resp: 53514
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 33.5 16.6 49.8

