

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087104.D
 Acq On : 19 Jun 2025 12:22
 Operator : JC\MD
 Sample : VN0619WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 01:21:38 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	8.230	168	168651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108975	48.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.171	113	95048	53.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.700%		
50) Toluene-d8	10.565	98	352249	49.943	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.880%		
62) 4-Bromofluorobenzene	12.847	95	131878	50.328	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	33152	19.715	ug/l	99
3) Chloromethane	2.395	50	36144	16.645	ug/l	95
4) Vinyl Chloride	2.554	62	45733	20.417	ug/l	98
5) Bromomethane	3.001	94	24381	19.450	ug/l	97
6) Chloroethane	3.154	64	29734	20.551	ug/l	97
7) Trichlorofluoromethane	3.530	101	58381	19.949	ug/l	95
8) Diethyl Ether	3.983	74	23263	18.244	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.400	101	36694	19.957	ug/l	99
10) Methyl Iodide	4.612	142	25387	10.651	ug/l	94
11) Tert butyl alcohol	5.536	59	47889	78.161	ug/l	100
12) 1,1-Dichloroethene	4.365	96	36579	19.487	ug/l	89
13) Acrolein	4.200	56	14516	74.847	ug/l	99
14) Allyl chloride	5.042	41	53678	17.243	ug/l	97
15) Acrylonitrile	5.730	53	125605	87.707	ug/l	98
16) Acetone	4.448	43	106591	89.014	ug/l	96
17) Carbon Disulfide	4.742	76	106591	20.529	ug/l	99
18) Methyl Acetate	5.053	43	52756	15.118	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	123313	18.143	ug/l	98
20) Methylene Chloride	5.300	84	41638	18.573	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	39921	19.115	ug/l	93
22) Diisopropyl ether	6.689	45	116762	17.793	ug/l	96
23) Vinyl Acetate	6.618	43	504210	90.941	ug/l	98
24) 1,1-Dichloroethane	6.589	63	72207	19.121	ug/l	99
25) 2-Butanone	7.489	43	158665	81.516	ug/l	99
26) 2,2-Dichloropropane	7.500	77	62735	21.356	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	47158	18.881	ug/l	99
28) Bromochloromethane	7.824	49	30970	16.679	ug/l	93
29) Tetrahydrofuran	7.847	42	104052	82.062	ug/l	97
30) Chloroform	7.977	83	71775	19.032	ug/l	99
31) Cyclohexane	8.265	56	64243	17.542	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	61007	19.019	ug/l	94
36) 1,1-Dichloropropene	8.377	75	52501	19.776	ug/l	98
37) Ethyl Acetate	7.571	43	60681	17.955	ug/l	100
38) Carbon Tetrachloride	8.365	117	51019	19.575	ug/l	99
39) Methylcyclohexane	9.606	83	59566	16.377	ug/l	96
40) Benzene	8.612	78	166491	19.178	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	30797	16.226	ug/l	93
42) 1,2-Dichloroethane	8.677	62	49646	18.854	ug/l	100
43) Isopropyl Acetate	8.694	43	93856	17.303	ug/l	98
44) Trichloroethene	9.353	130	40989	19.912	ug/l	96
45) 1,2-Dichloropropane	9.624	63	41287	19.548	ug/l	96
46) Dibromomethane	9.712	93	28698	20.457	ug/l	98
47) Bromodichloromethane	9.888	83	55507	19.231	ug/l	98
48) Methyl methacrylate	9.682	41	40484	16.216	ug/l	95
49) 1,4-Dioxane	9.700	88	15863	349.264	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	279386	85.559	ug/l	99
52) Toluene	10.629	92	103384	19.487	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61414	19.028	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	68133	19.730	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	40248	19.716	ug/l	99
56) Ethyl methacrylate	10.882	69	58604	18.024	ug/l	94
57) 1,3-Dichloropropane	11.165	76	68142	19.242	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	170894	88.120	ug/l	99
59) 2-Hexanone	11.206	43	159103	75.642	ug/l	92
60) Dibromochloromethane	11.359	129	42423	19.946	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40038	19.135	ug/l	99
64) Tetrachloroethene	11.106	164	31369	18.678	ug/l	97
65) Chlorobenzene	11.888	112	114996	19.648	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	36384	19.339	ug/l	99
67) Ethyl Benzene	11.965	91	187103	18.559	ug/l	99
68) m/p-Xylenes	12.071	106	148640	38.516	ug/l	99
69) o-Xylene	12.394	106	69033	18.678	ug/l	100
70) Styrene	12.412	104	121336	19.185	ug/l	99
71) Bromoform	12.576	173	28191	20.223	ug/l #	98
73) Isopropylbenzene	12.694	105	175452	18.117	ug/l	100
74) N-amyl acetate	12.529	43	59044m	17.448	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	62799	19.142	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	61035m	19.316	ug/l	
77) Bromobenzene	12.976	156	43802	19.723	ug/l	95
78) n-propylbenzene	13.035	91	208663	17.730	ug/l	99
79) 2-Chlorotoluene	13.123	91	127425	18.054	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	145386	18.184	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	24382	17.762	ug/l #	89
82) 4-Chlorotoluene	13.218	91	131206	18.373	ug/l	99
83) tert-Butylbenzene	13.435	119	121825	16.646	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	145127	18.101	ug/l	99
85) sec-Butylbenzene	13.618	105	174730	16.440	ug/l	100
86) p-Isopropyltoluene	13.729	119	144675	16.467	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	84829	19.414	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	85402	19.170	ug/l	97
89) n-Butylbenzene	14.053	91	128130	15.056	ug/l	99
90) Hexachloroethane	14.335	117	26285	17.650	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	79570	18.954	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13393	17.070	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	42786	15.961	ug/l	100
94) Hexachlorobutadiene	15.500	225	13103	13.119	ug/l	98
95) Naphthalene	15.635	128	163318	16.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	40941	15.372	ug/l	100

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Quant Title : SW846 8260
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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

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Manual Integrations

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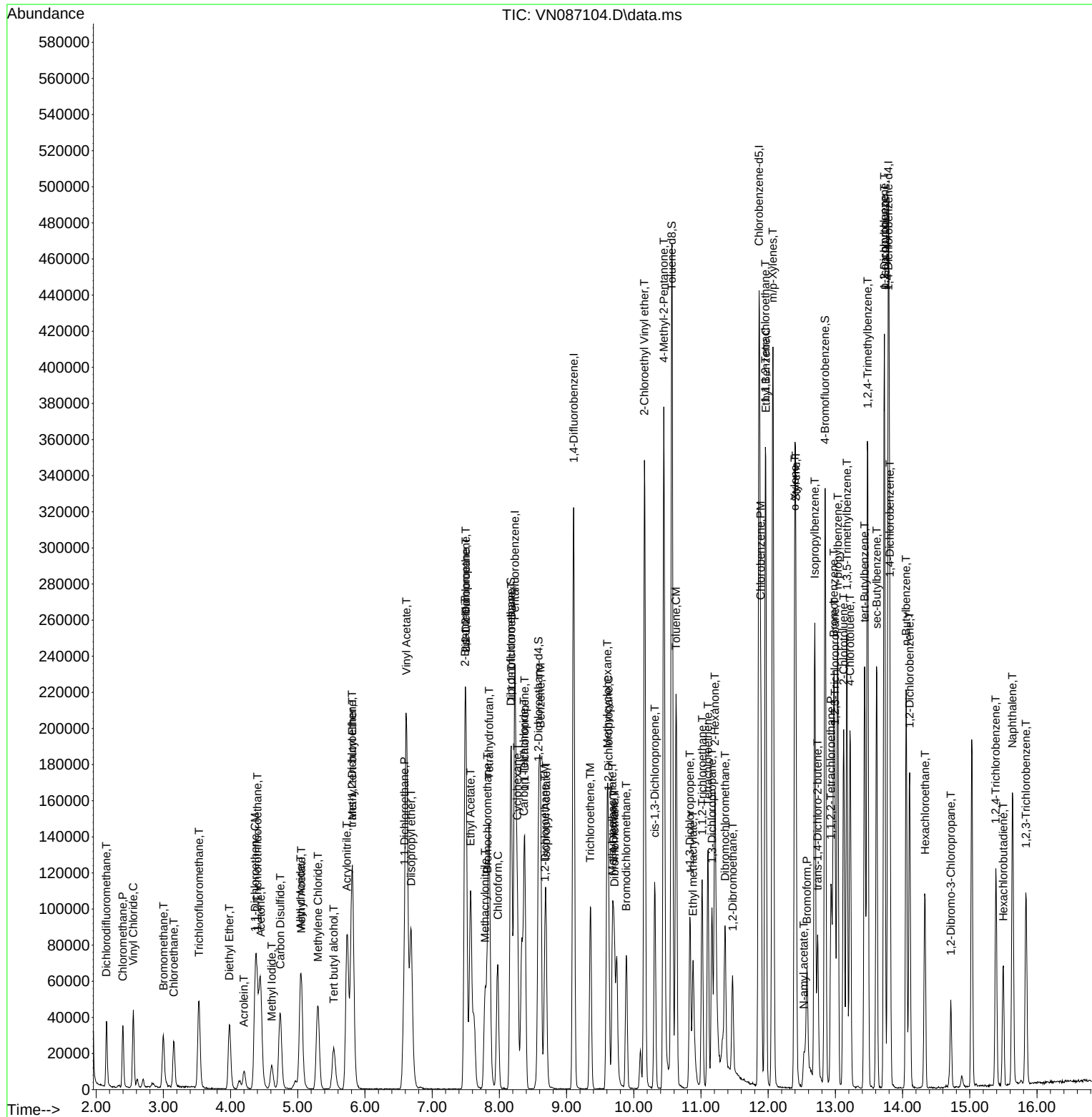
Quant Time: Jun 20 01:21:38 2025

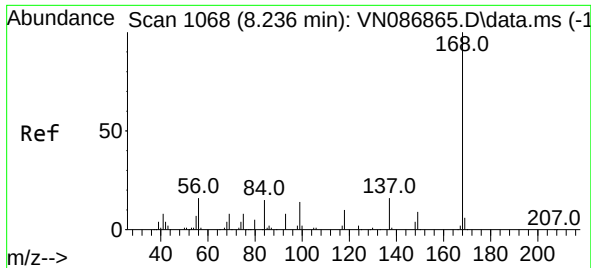
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M

Quant Title : SW846 8260

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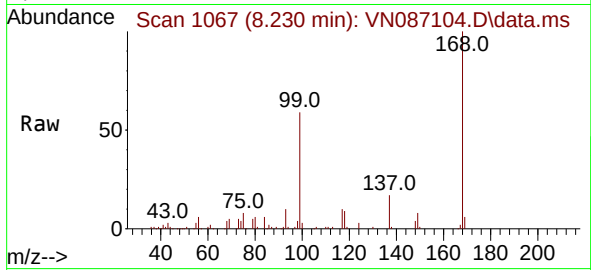
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087104.D
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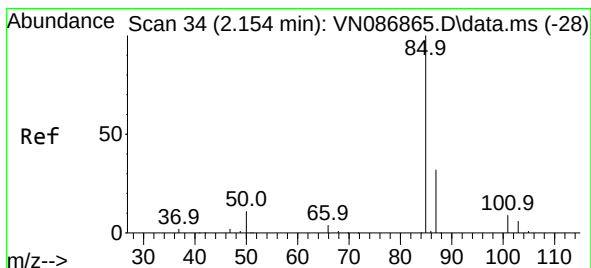
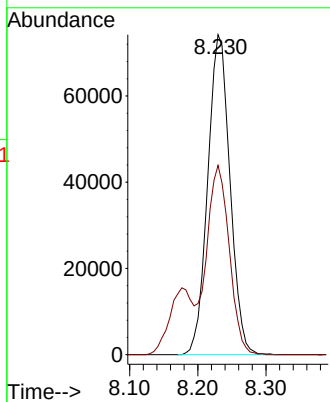
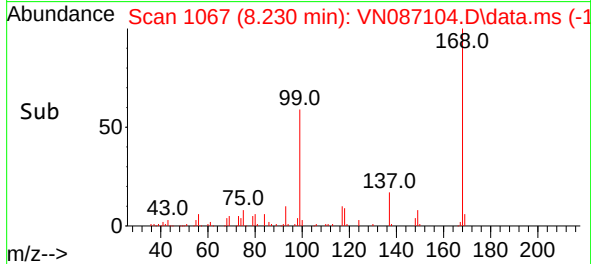
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 16865
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7

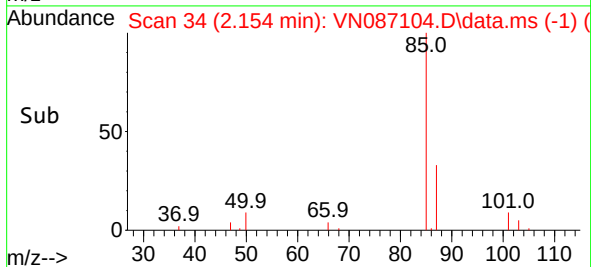
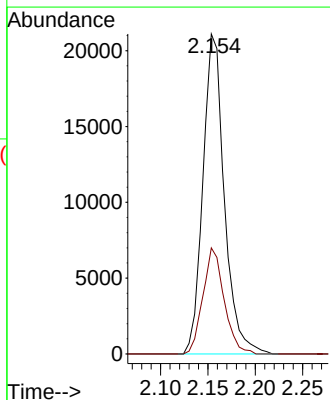
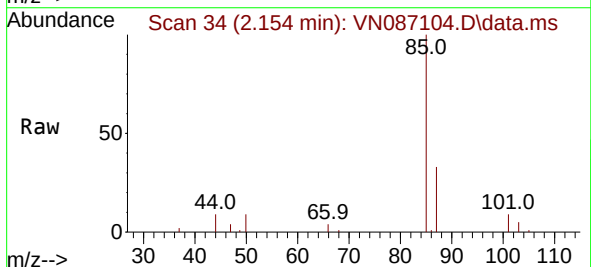
Manual Integrations
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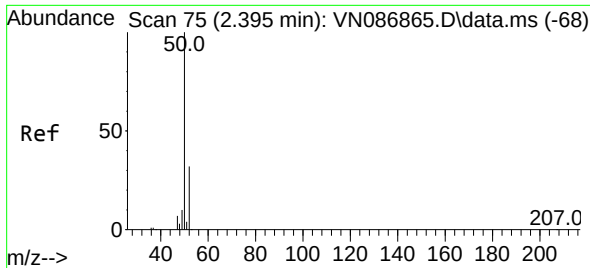
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 19.715 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

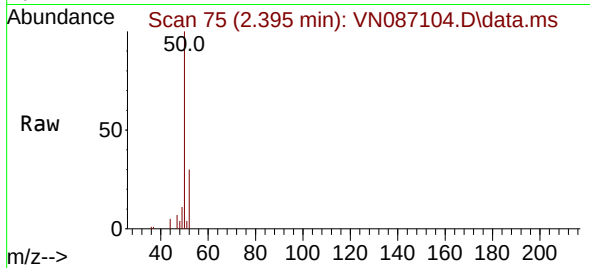
Tgt Ion: 85 Resp: 33152
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





#3
Chloromethane
Concen: 16.645 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

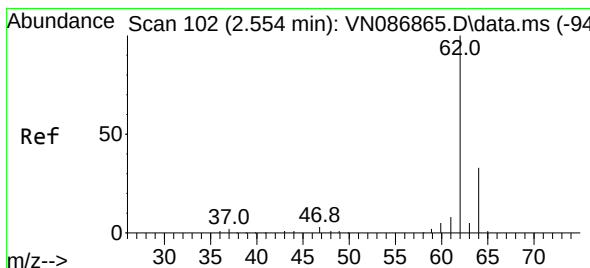
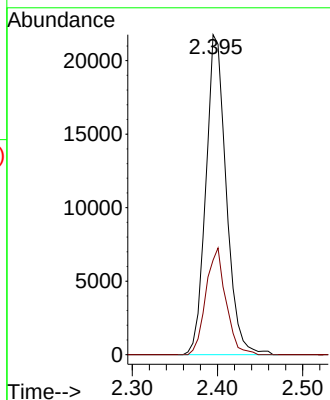
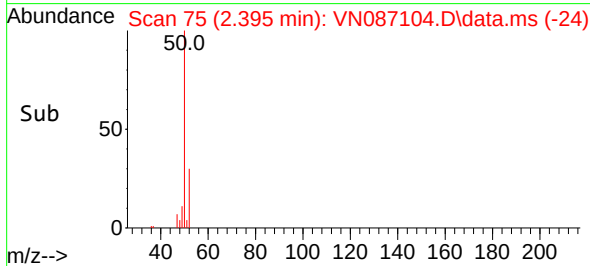
Instrument :
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Tgt Ion: 50 Resp: 36144
Ion Ratio Lower Upper
50 100
52 29.5 25.7 38.5

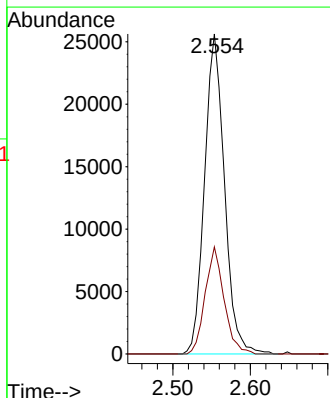
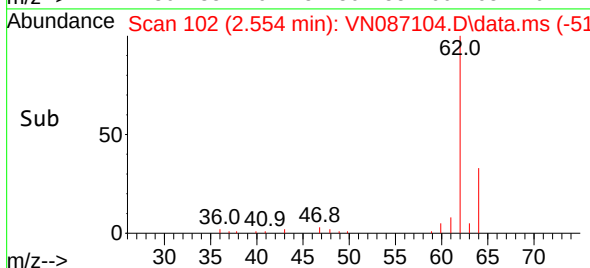
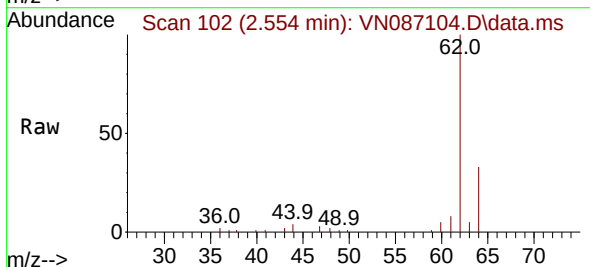
Manual Integrations
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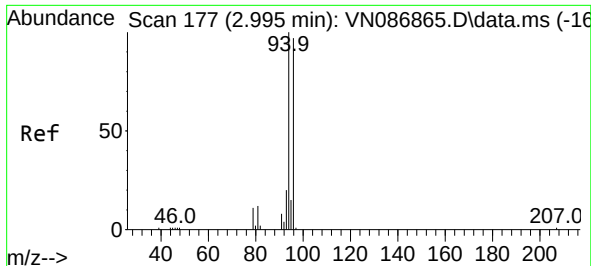
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#4
Vinyl Chloride
Concen: 20.417 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

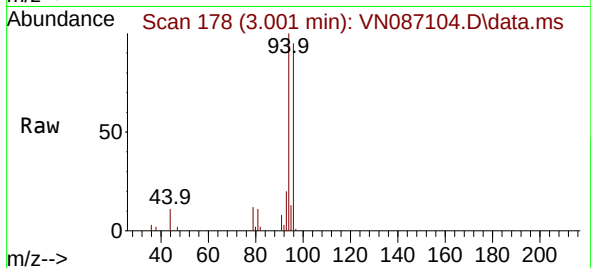
Tgt Ion: 62 Resp: 45733
Ion Ratio Lower Upper
62 100
64 33.4 26.0 39.0





#5
Bromomethane
Concen: 19.450 ug/l
RT: 3.001 min Scan# 177
Delta R.T. 0.006 min
Lab File: VN087104.D
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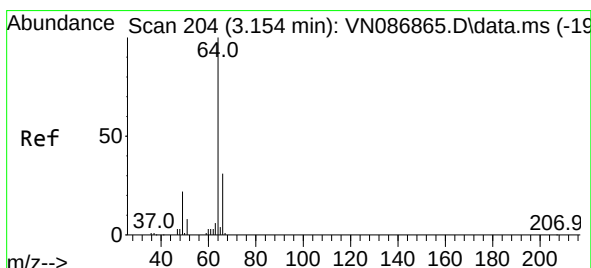
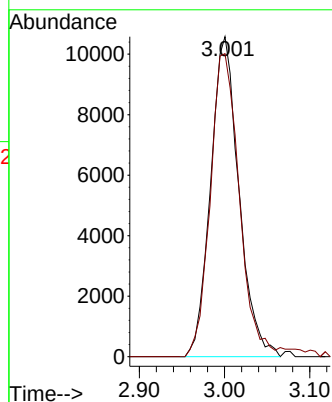
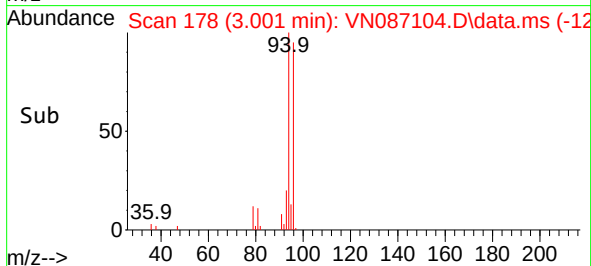
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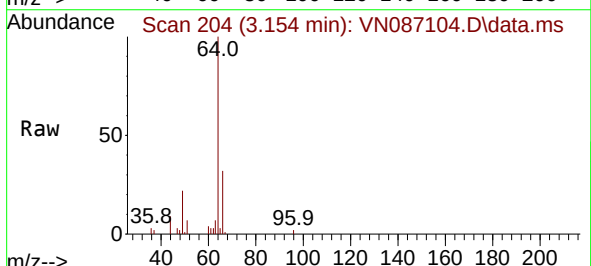
Tgt Ion: 94 Resp: 2438
Ion Ratio Lower Upper
94 100
96 94.7 77.9 116.9

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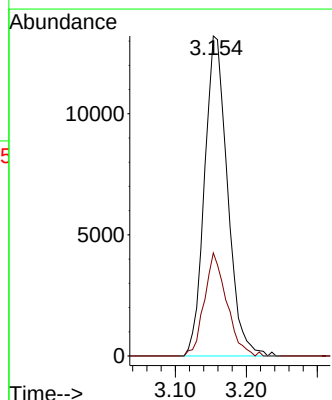
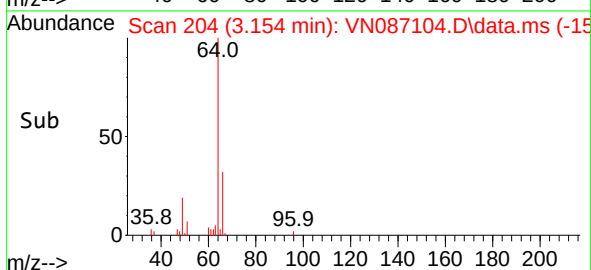
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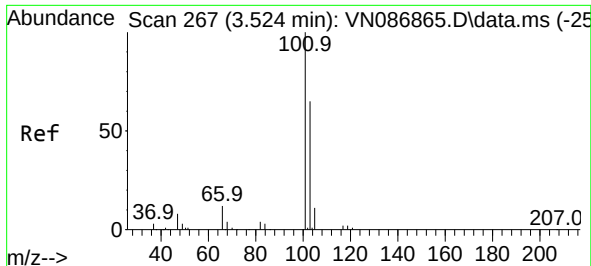


#6
Chloroethane
Concen: 20.551 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



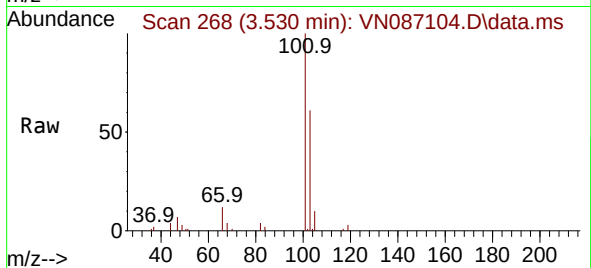
Tgt Ion: 64 Resp: 29734
Ion Ratio Lower Upper
64 100
66 32.2 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.949 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087104.D
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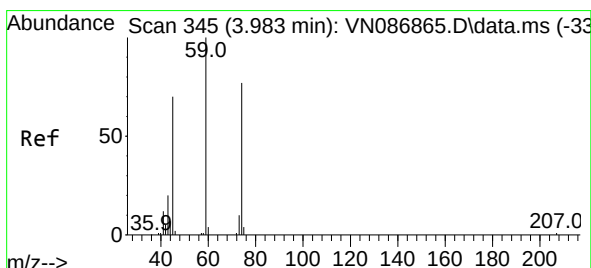
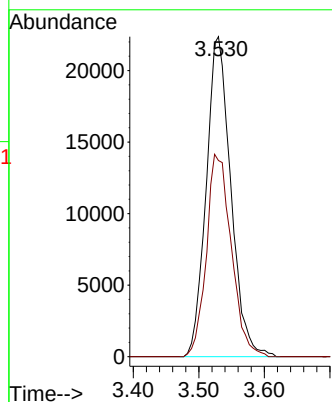
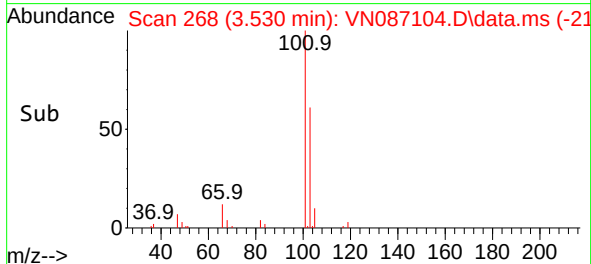
Instrument :
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Tgt Ion:101 Resp: 5838
Ion Ratio Lower Upper
101 100
103 61.3 52.2 78.2

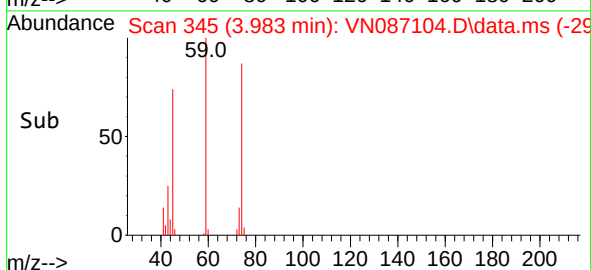
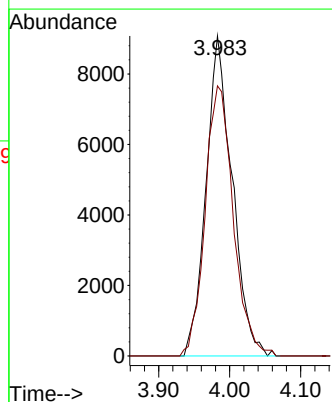
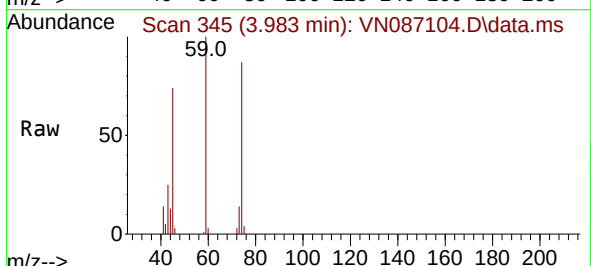
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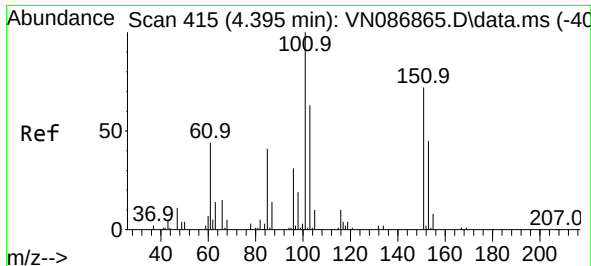
Reviewed By :John Carlone 06/20/2025
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#8
Diethyl Ether
Concen: 18.244 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087104.D
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Tgt Ion: 74 Resp: 23263
Ion Ratio Lower Upper
74 100
45 90.6 45.5 136.5





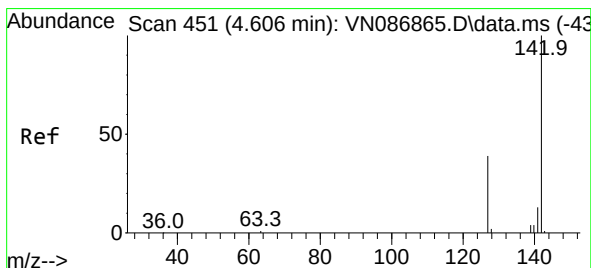
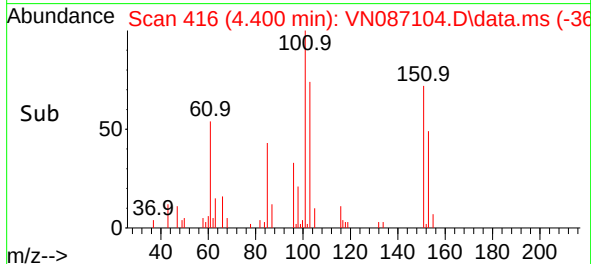
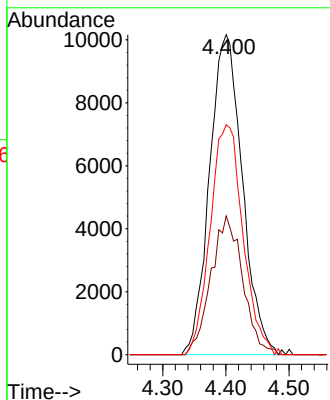
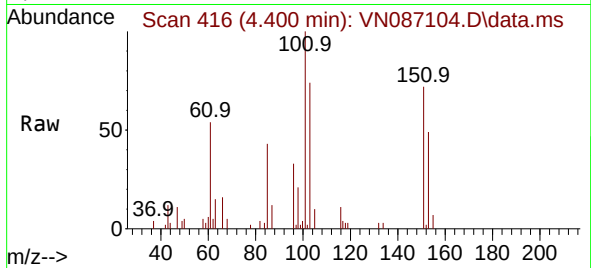
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.957 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:101 Resp: 36694
Ion Ratio Lower Upper
101 100
85 42.0 33.8 50.8
151 71.7 58.7 88.1

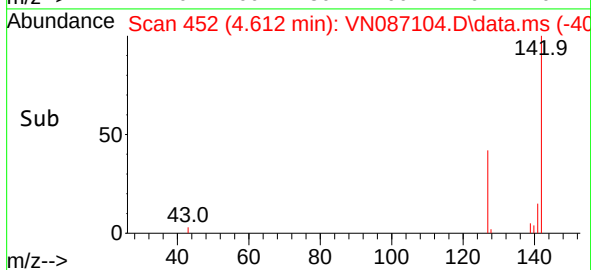
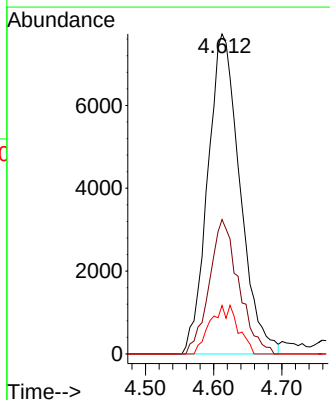
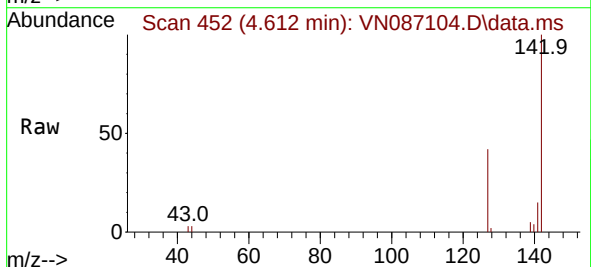
Manual Integrations
APPROVED

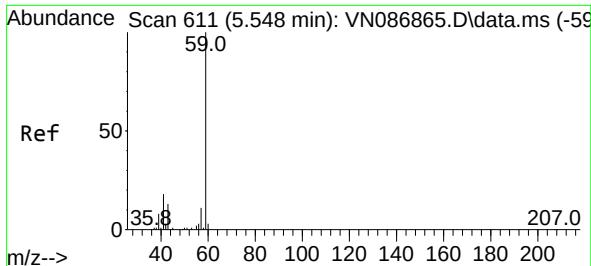
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 10.651 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

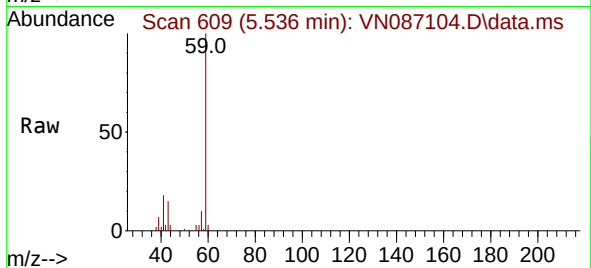
Tgt Ion:142 Resp: 25387
Ion Ratio Lower Upper
142 100
127 42.0 30.9 46.3
141 15.1 10.4 15.6





#11
Tert butyl alcohol
Concen: 78.161 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

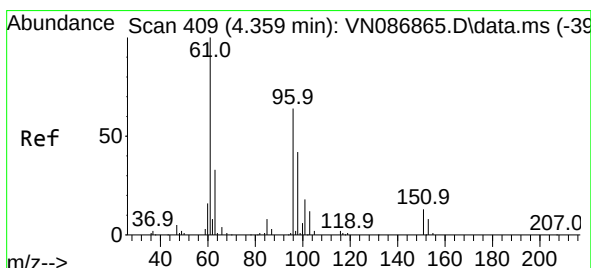
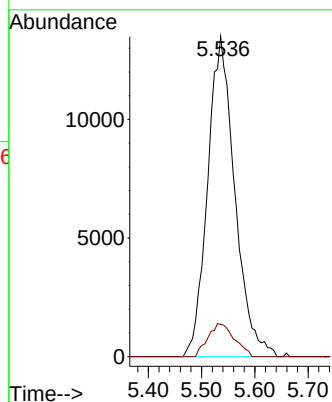
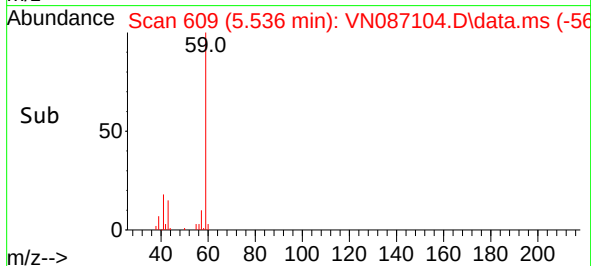
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



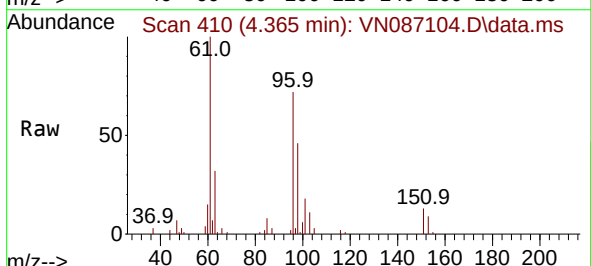
Tgt Ion: 59 Resp: 47889
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

Manual Integrations
APPROVED

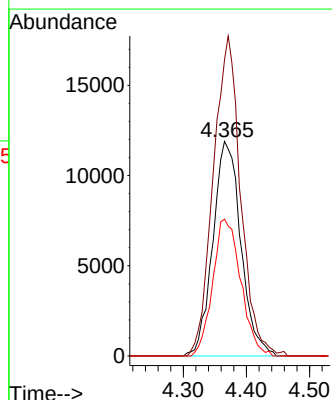
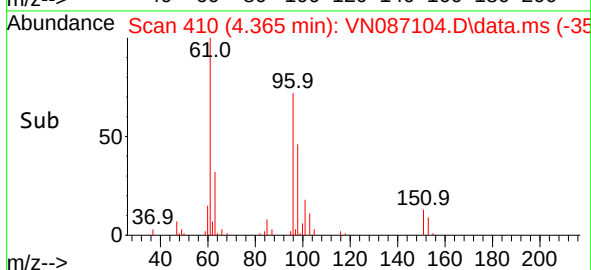
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

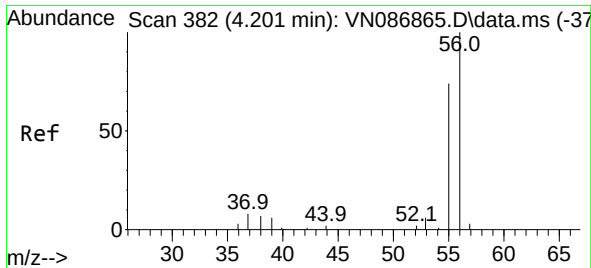


#12
1,1-Dichloroethene
Concen: 19.487 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



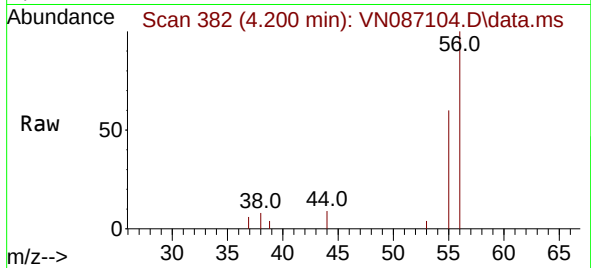
Tgt Ion: 96 Resp: 36579
Ion Ratio Lower Upper
96 100
61 138.1 125.8 188.6
98 63.8 52.5 78.7





#13
Acrolein
Concen: 74.847 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

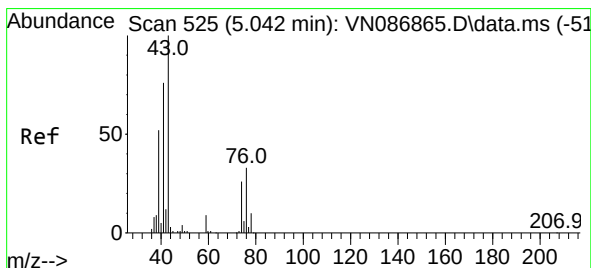
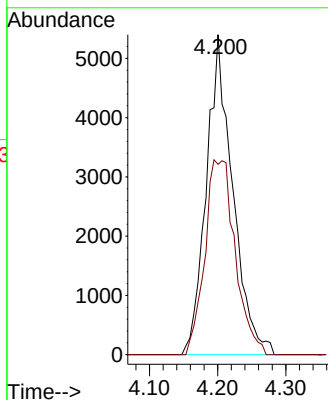
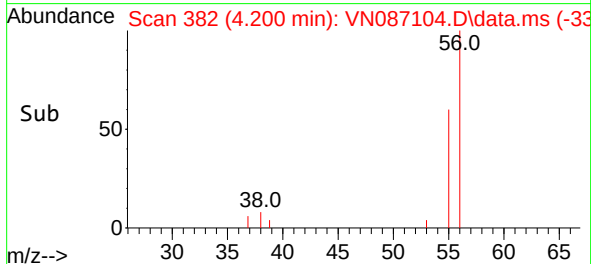
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



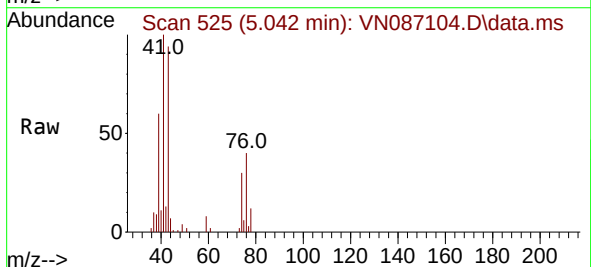
Tgt Ion: 56 Resp: 14510
Ion Ratio Lower Upper
56 100
55 70.0 55.6 83.4

Manual Integrations
APPROVED

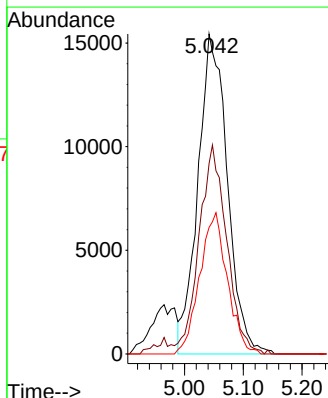
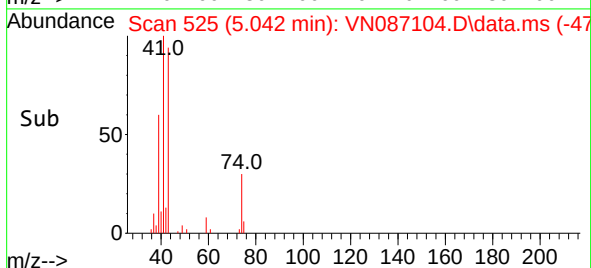
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

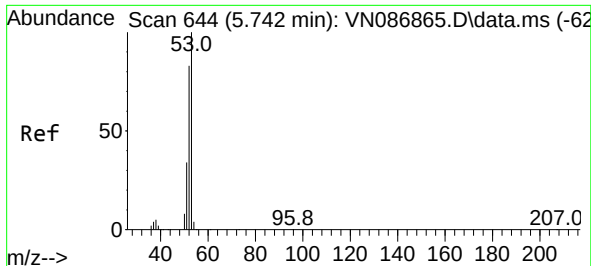


#14
Allyl chloride
Concen: 17.243 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



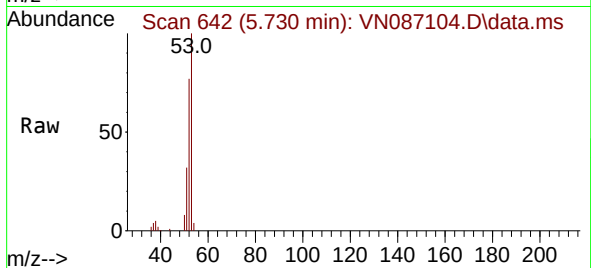
Tgt Ion: 41 Resp: 53678
Ion Ratio Lower Upper
41 100
39 61.5 51.3 76.9
76 41.5 31.4 47.0





#15
Acrylonitrile
Concen: 87.707 ug/l
RT: 5.730 min Scan# 644
Delta R.T. -0.012 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

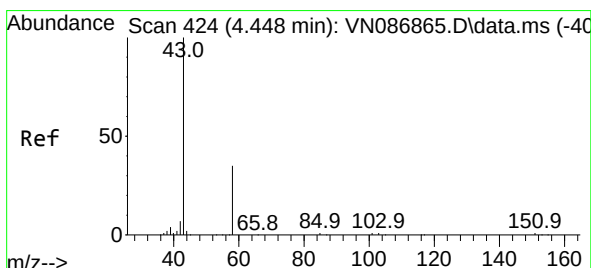
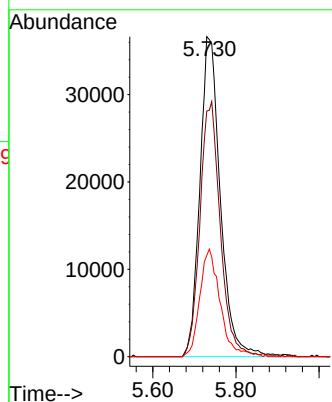
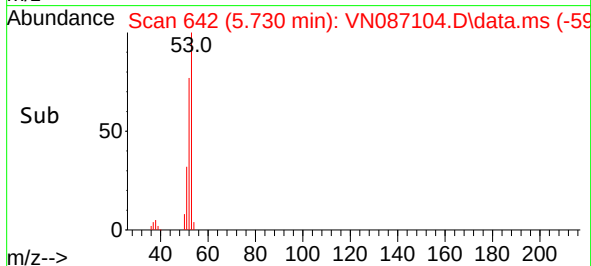
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 53 Resp: 125609
Ion Ratio Lower Upper
53 100
52 78.7 65.0 97.6
51 33.4 27.2 40.8

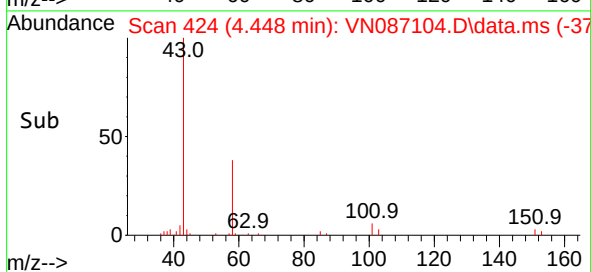
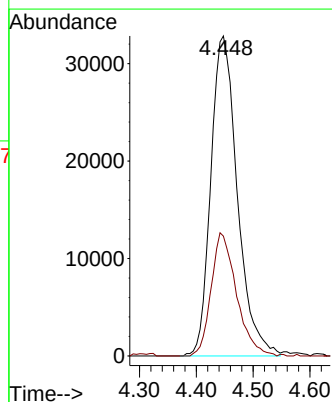
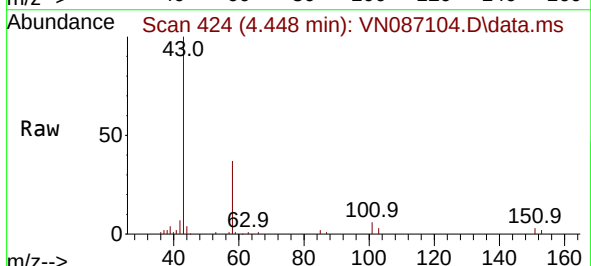
Manual Integrations
APPROVED

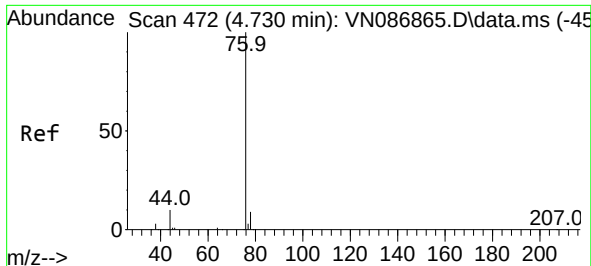
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 89.014 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

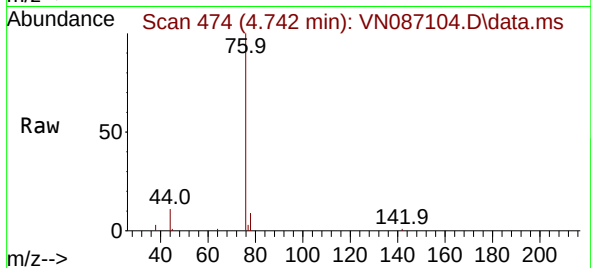
Tgt Ion: 43 Resp: 106591
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0





#17
Carbon Disulfide
Concen: 20.529 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

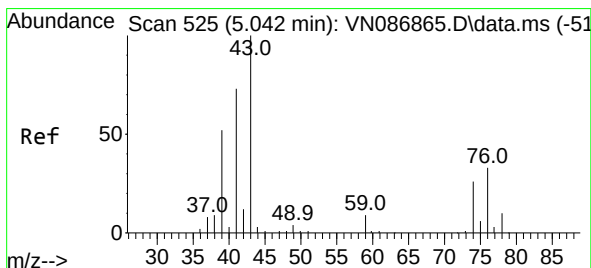
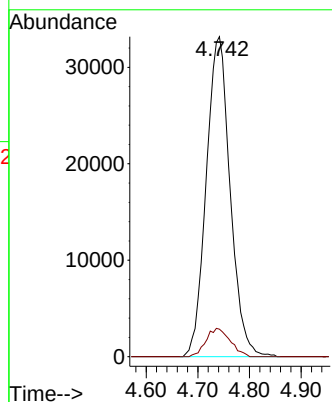
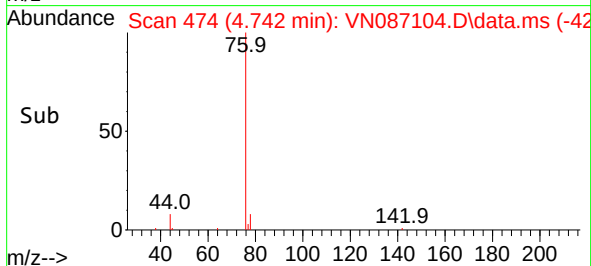
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 76 Resp: 10659
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

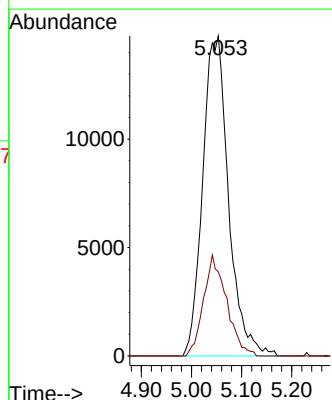
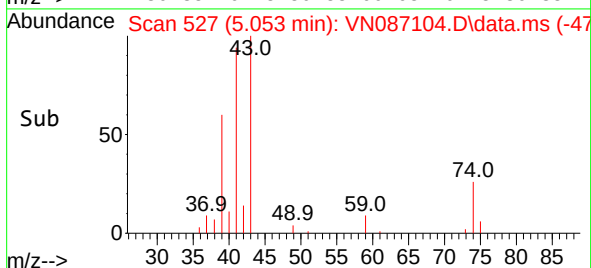
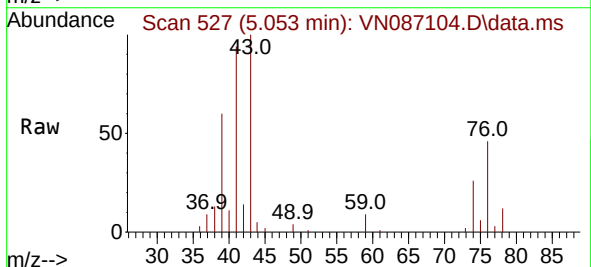
Manual Integrations
APPROVED

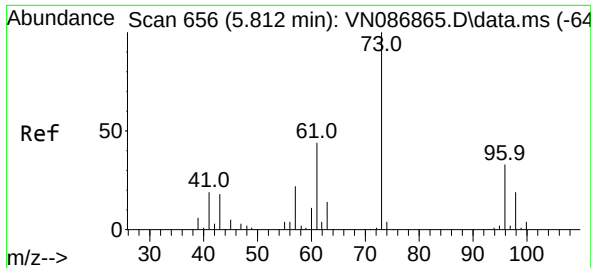
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 15.118 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion: 43 Resp: 52756
Ion Ratio Lower Upper
43 100
74 28.2 20.7 31.1





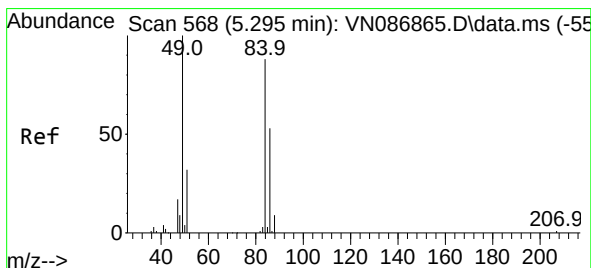
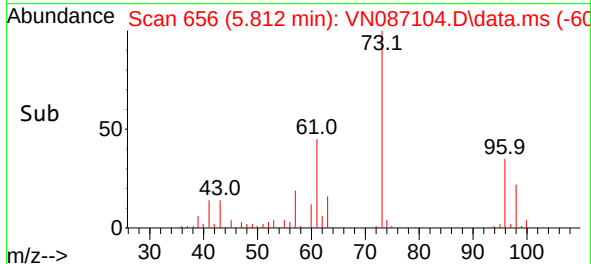
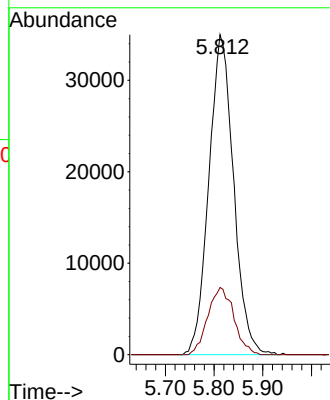
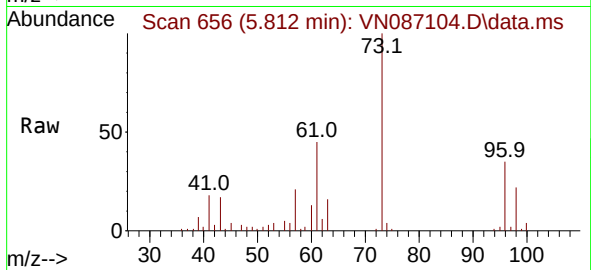
#19
Methyl tert-butyl Ether
Concen: 18.143 ug/l
RT: 5.812 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 73 Resp: 12331
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2

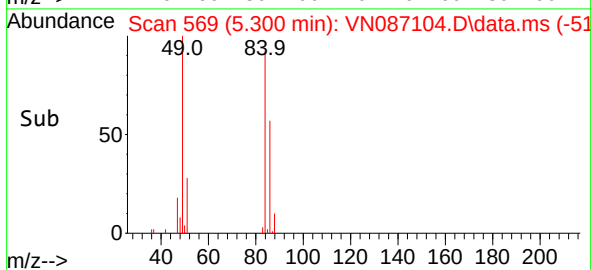
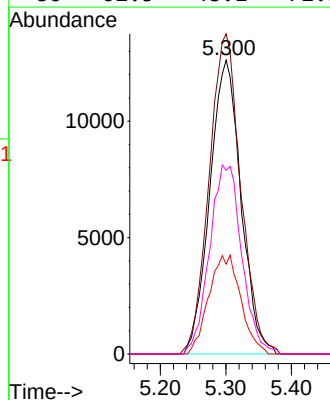
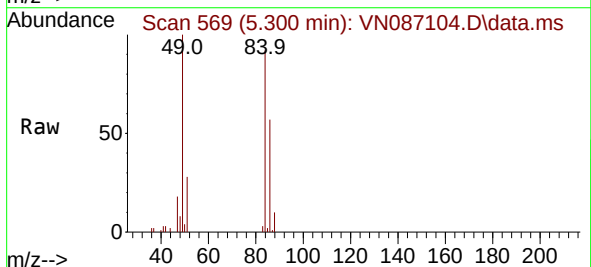
Manual Integrations
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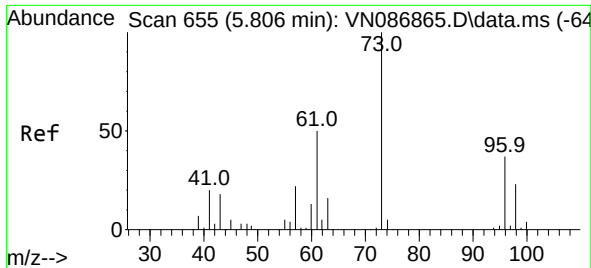
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 18.573 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion: 84 Resp: 41638
Ion Ratio Lower Upper
84 100
49 109.0 90.5 135.7
51 30.5 28.5 42.7
86 62.5 48.1 72.1





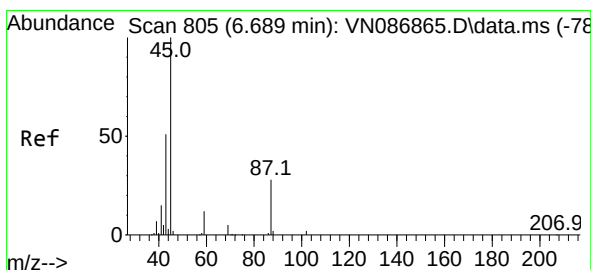
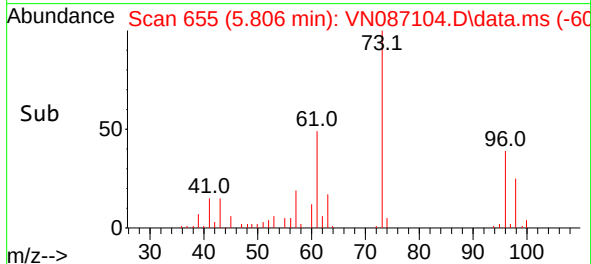
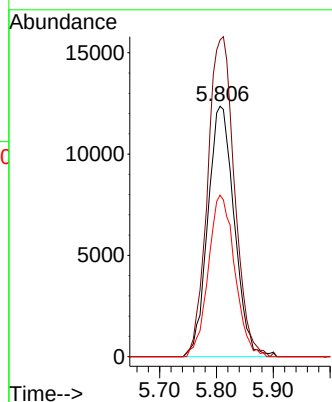
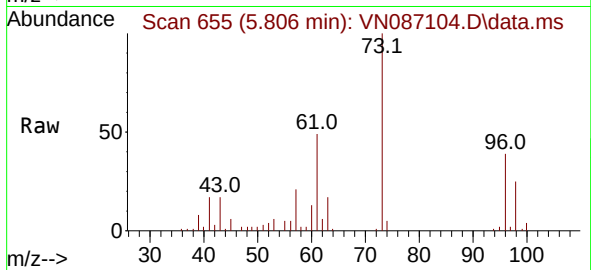
#21
trans-1,2-Dichloroethene
Concen: 19.115 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 96 Resp: 3992
Ion Ratio Lower Upper
96 100
61 126.4 109.2 163.8
98 64.5 49.8 74.8

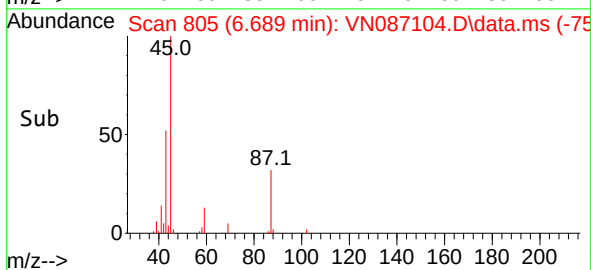
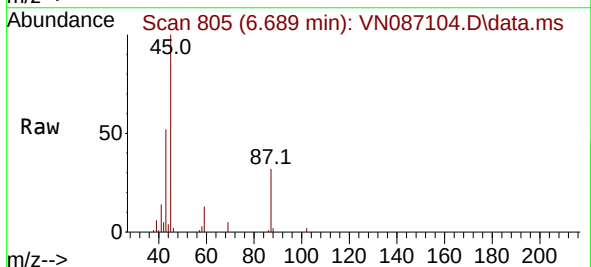
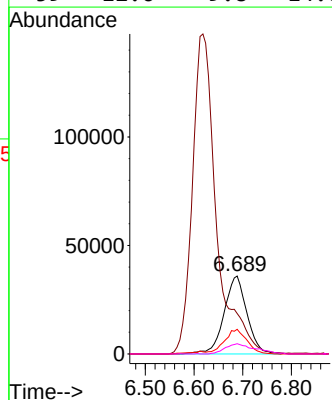
Manual Integrations
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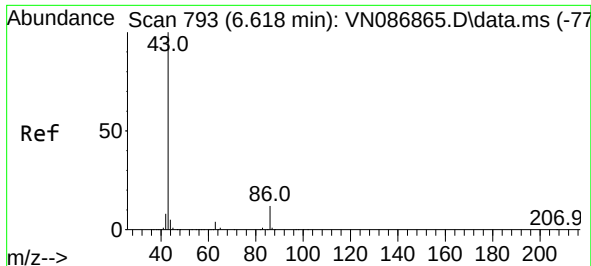
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 17.793 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

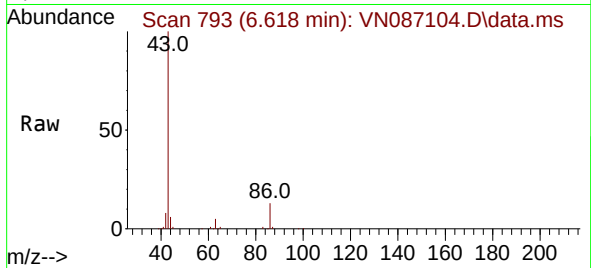
Tgt Ion: 45 Resp: 116762
Ion Ratio Lower Upper
45 100
43 50.6 41.9 62.9
87 31.7 22.4 33.6
59 12.6 9.8 14.6





#23
 Vinyl Acetate
 Concen: 90.941 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087104.D
 Acq: 19 Jun 2025 12:22

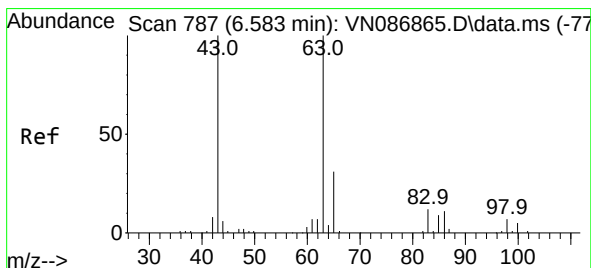
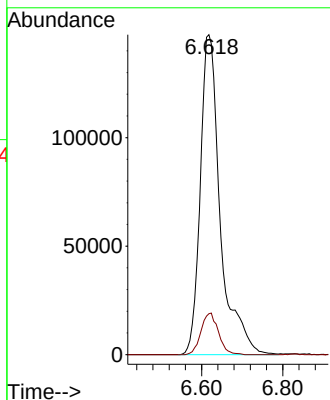
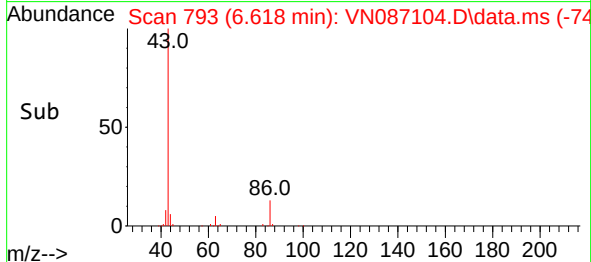
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01



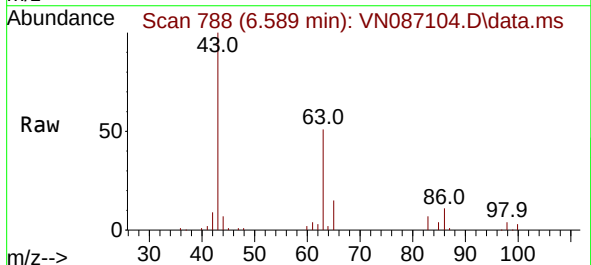
Tgt Ion: 43 Resp: 504210
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.5 14.3

Manual Integrations
 APPROVED

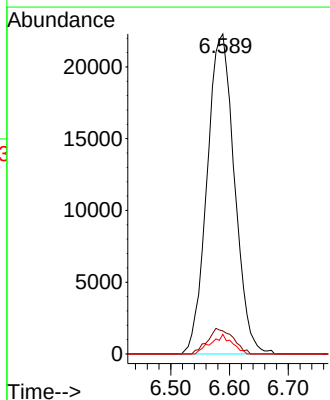
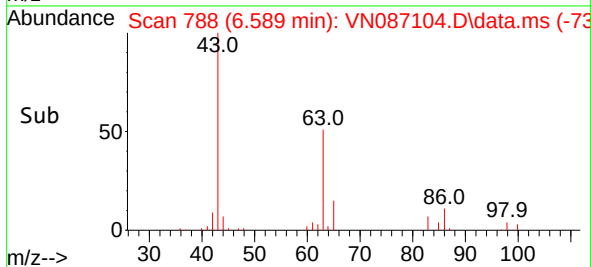
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

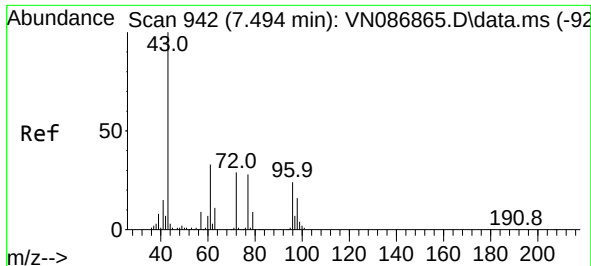


#24
 1,1-Dichloroethane
 Concen: 19.121 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087104.D
 Acq: 19 Jun 2025 12:22



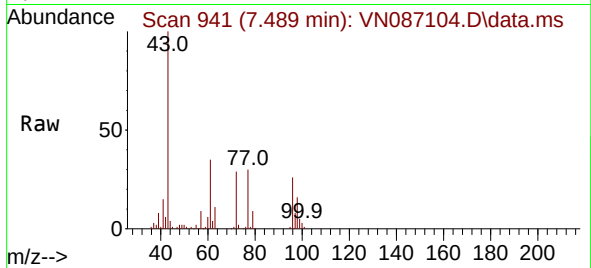
Tgt Ion: 63 Resp: 72207
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 6.2 2.6 7.8





#25
2-Butanone
Concen: 81.516 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

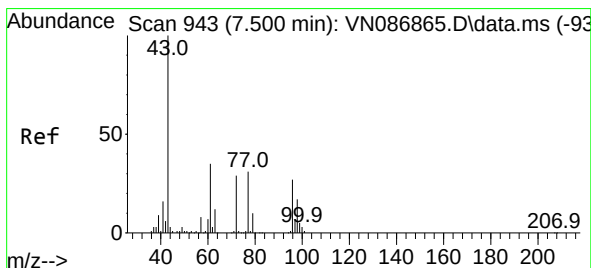
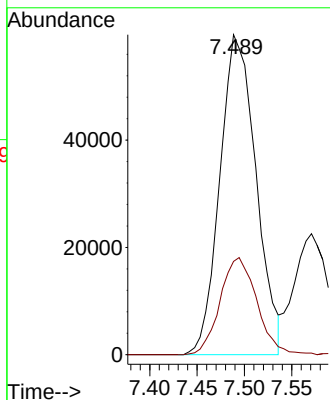
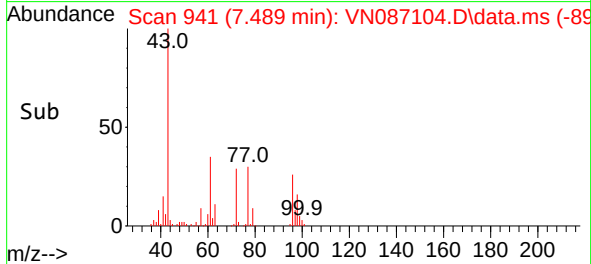
Instrument :
MSVOA_N
Client Sample Id :
VN0619WBS01



Tgt Ion: 43 Resp: 15866
Ion Ratio Lower Upper
43 100
72 29.1 23.0 34.6

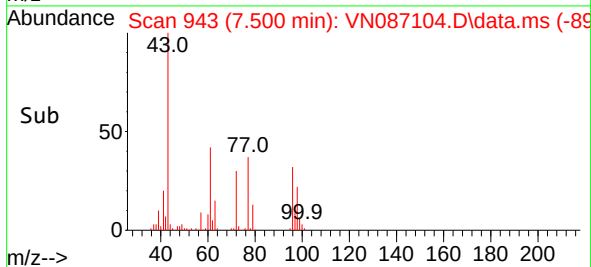
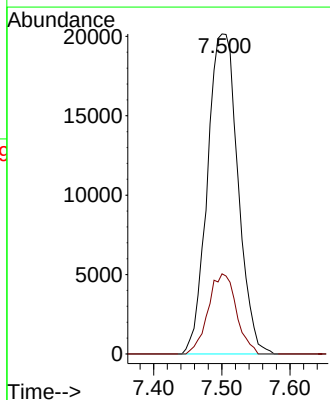
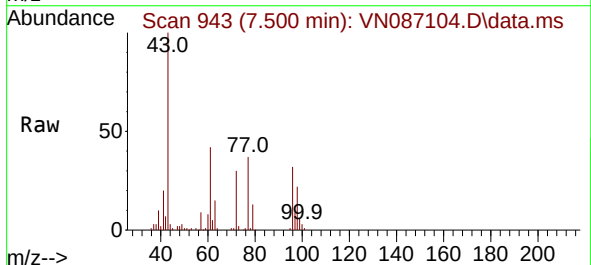
Manual Integrations
APPROVED

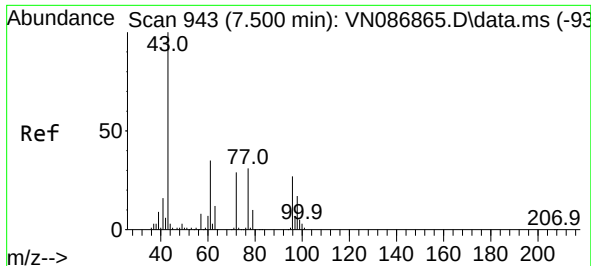
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 21.356 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

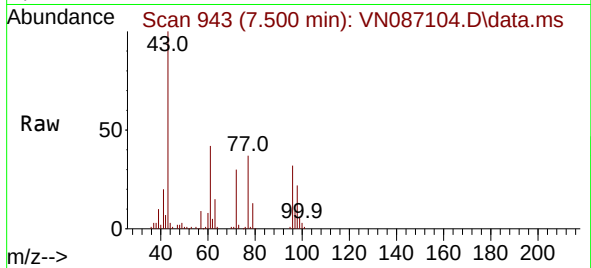
Tgt Ion: 77 Resp: 62735
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.881 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087104.D
 Acq: 19 Jun 2025 12:22

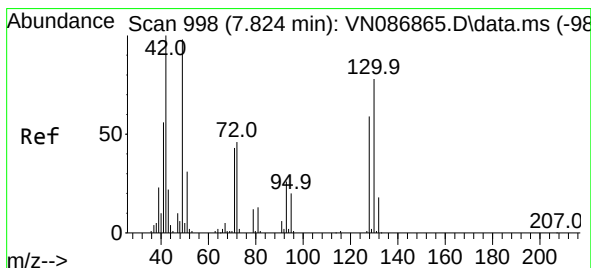
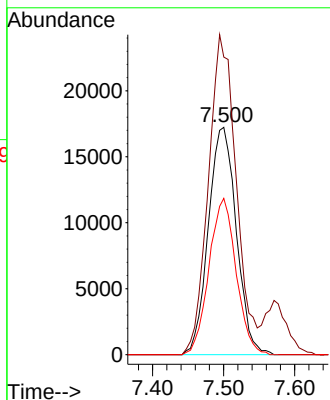
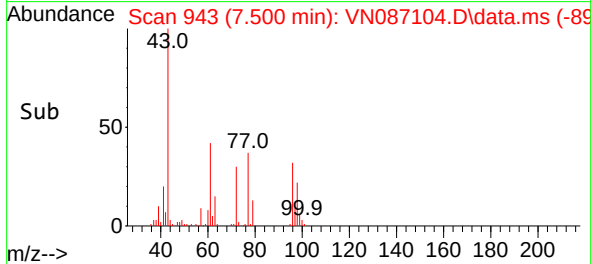
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01



Tgt Ion: 96 Resp: 4715
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 278.0
 98 66.6 0.0 128.2

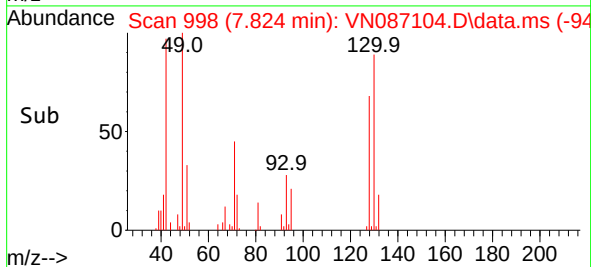
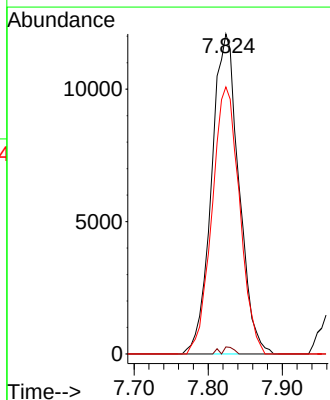
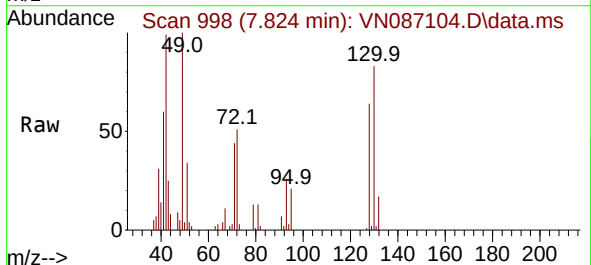
Manual Integrations
 APPROVED

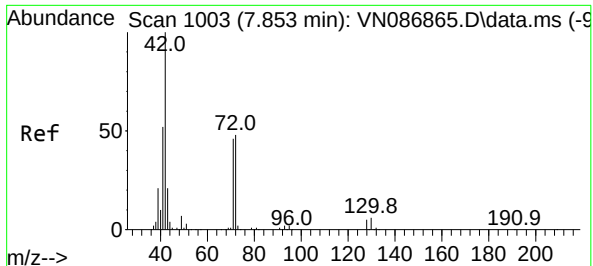
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#28
 Bromochloromethane
 Concen: 16.679 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087104.D
 Acq: 19 Jun 2025 12:22

Tgt Ion: 49 Resp: 30970
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 83.9 62.2 93.2





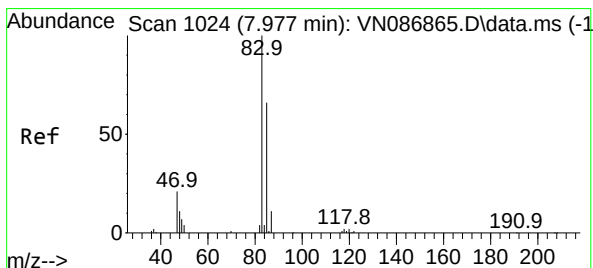
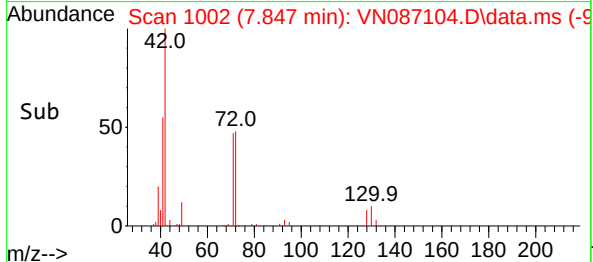
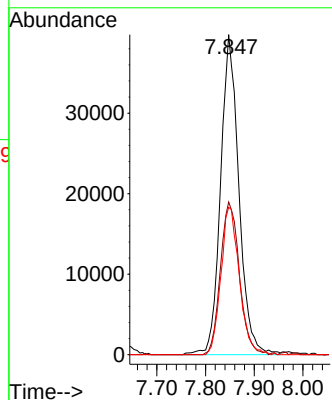
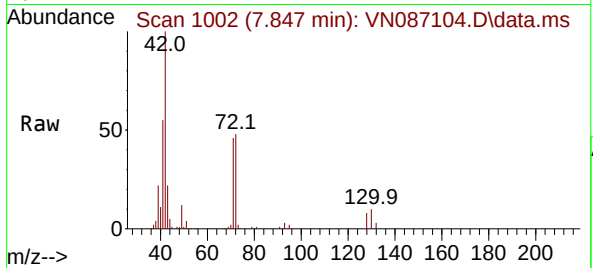
#29
Tetrahydrofuran
Concen: 82.062 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 42 Resp: 104052
Ion Ratio Lower Upper
42 100
72 49.3 37.8 56.6
71 46.3 35.6 53.4

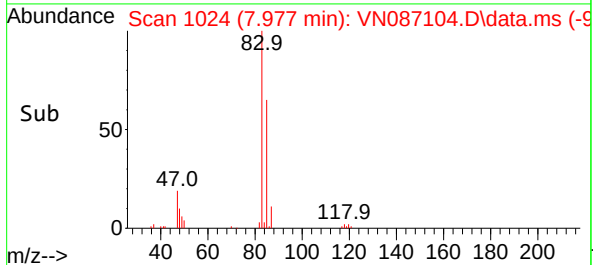
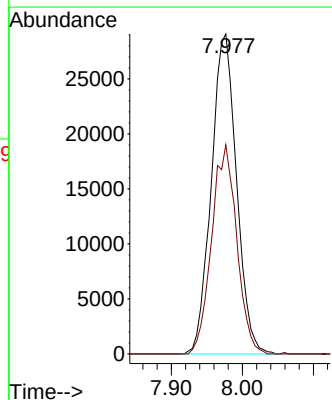
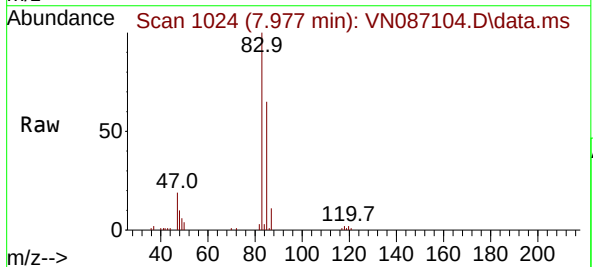
Manual Integrations
APPROVED

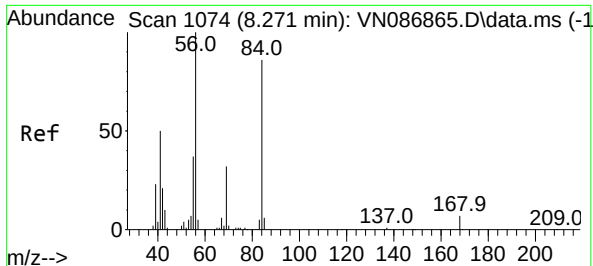
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#30
Chloroform
Concen: 19.032 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

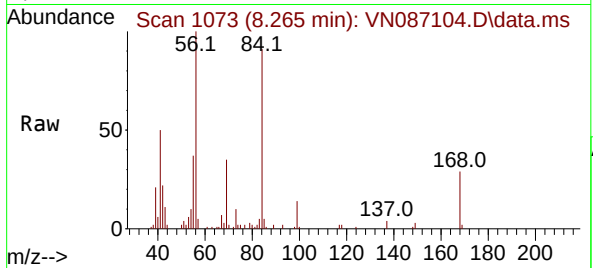
Tgt Ion: 83 Resp: 71775
Ion Ratio Lower Upper
83 100
85 65.4 52.9 79.3





#31
Cyclohexane
Concen: 17.542 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

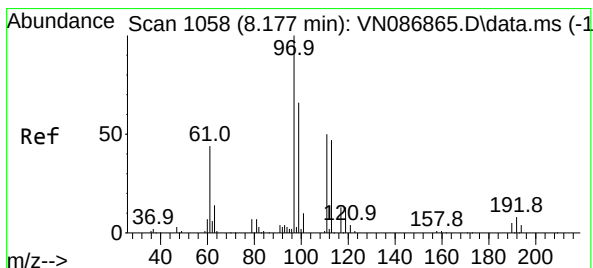
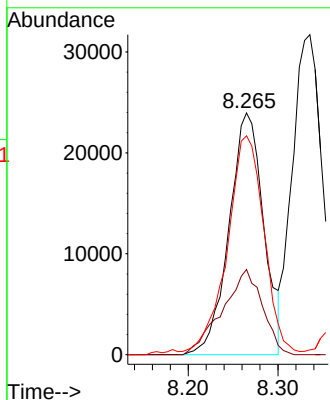
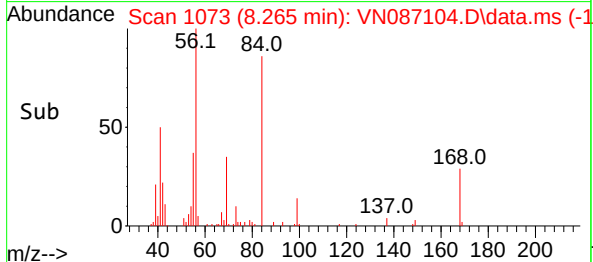
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 56 Resp: 6424
Ion Ratio Lower Upper
56 100
69 35.3 25.4 38.0
84 89.3 68.8 103.2

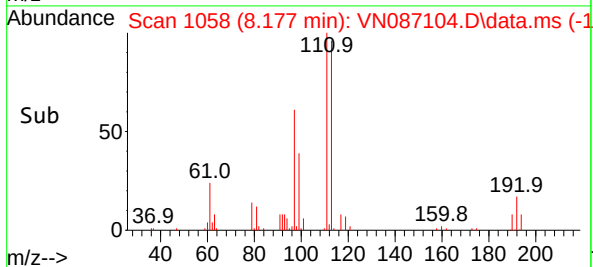
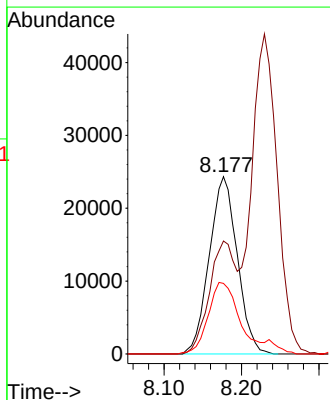
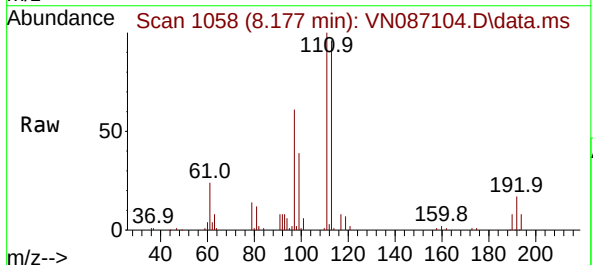
Manual Integrations
APPROVED

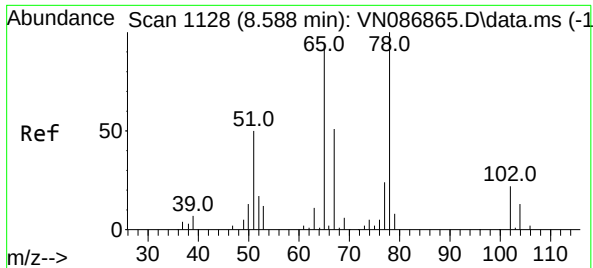
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.019 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

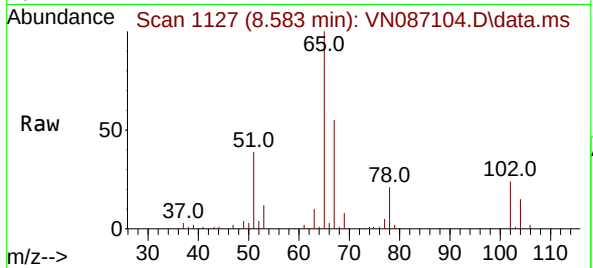
Tgt Ion: 97 Resp: 61007
Ion Ratio Lower Upper
97 100
99 59.3 52.0 78.0
61 48.3 35.9 53.9





#33
1,2-Dichloroethane-d4
Concen: 48.261 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

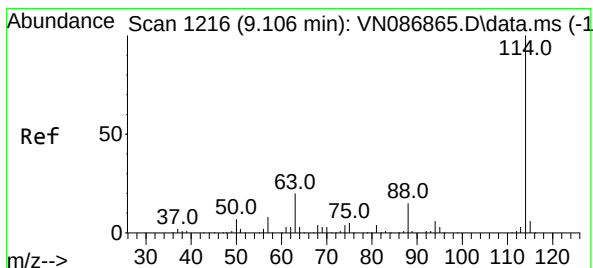
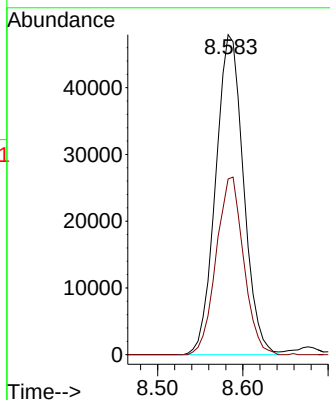
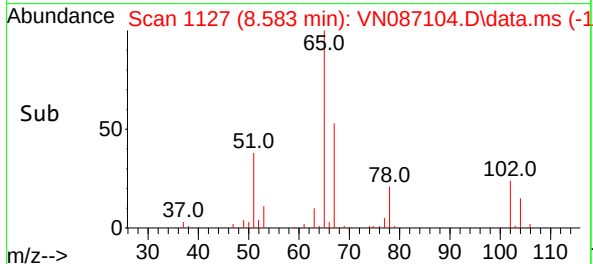
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



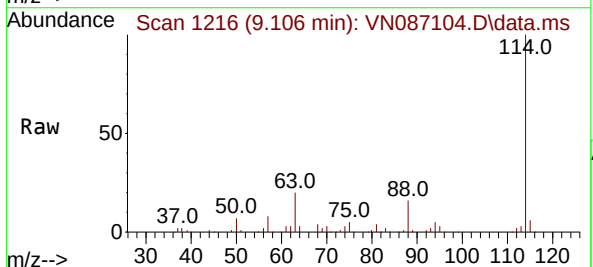
Tgt Ion: 65 Resp: 108975
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.6

Manual Integrations
APPROVED

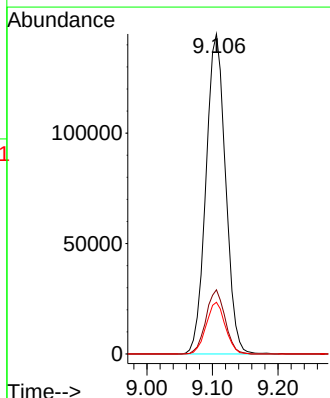
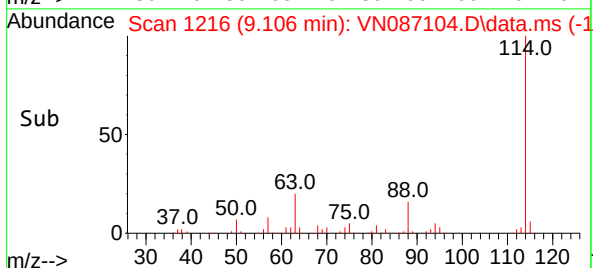
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

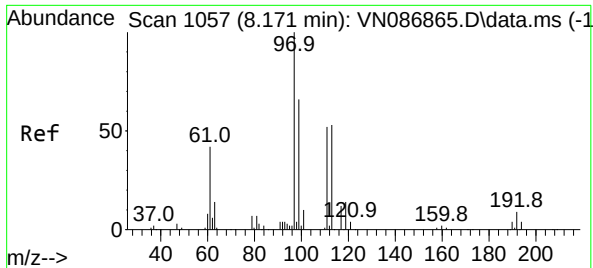


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



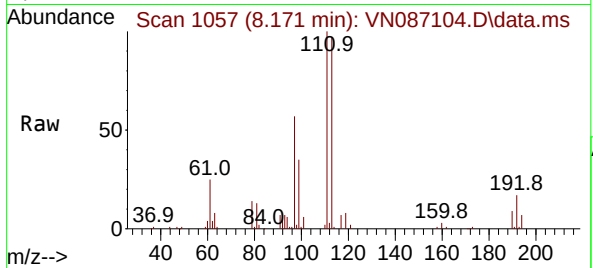
Tgt Ion:114 Resp: 300634
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 16.2 0.0 30.2





#35
Dibromofluoromethane
Concen: 53.349 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

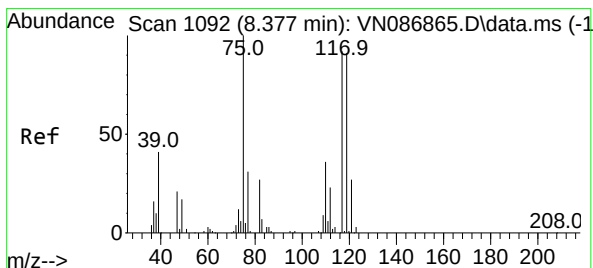
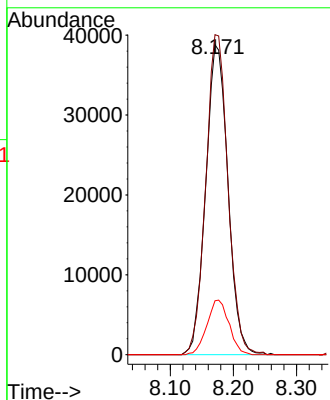
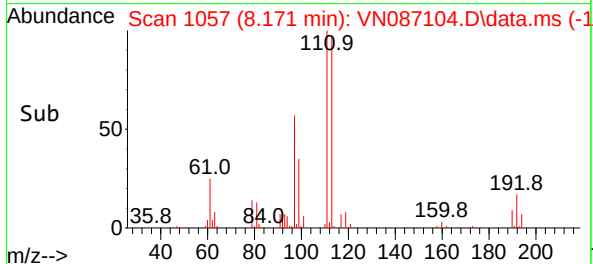
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



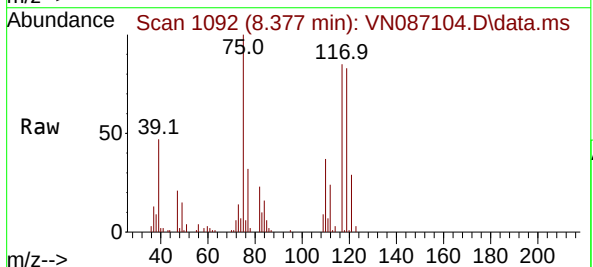
Tgt Ion: 113 Resp: 95048
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 17.5 14.2 21.4

Manual Integrations
APPROVED

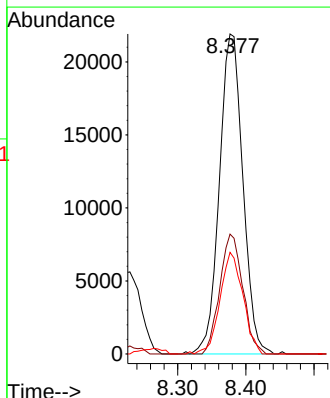
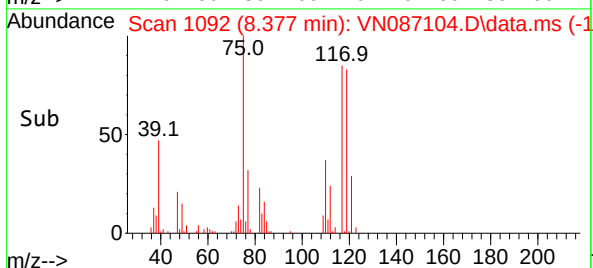
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

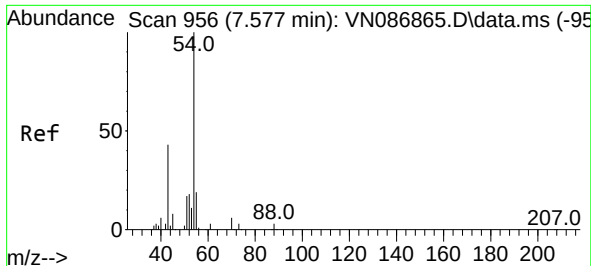


#36
1,1-Dichloropropene
Concen: 19.776 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



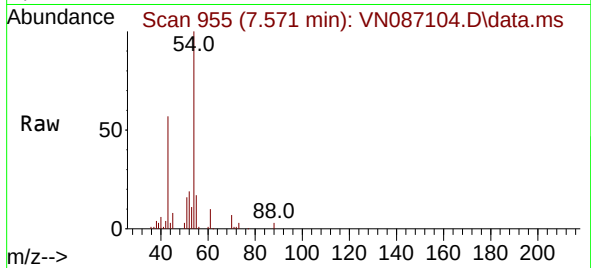
Tgt Ion: 75 Resp: 52501
Ion Ratio Lower Upper
75 100
110 36.6 17.6 52.9
77 31.0 25.3 37.9





#37
Ethyl Acetate
Concen: 17.955 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

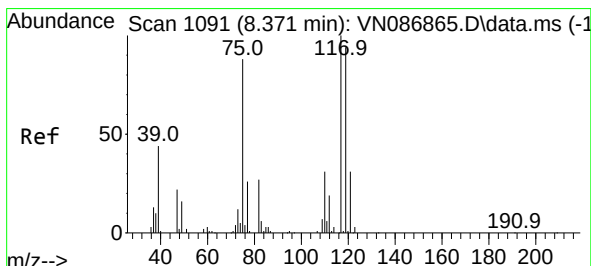
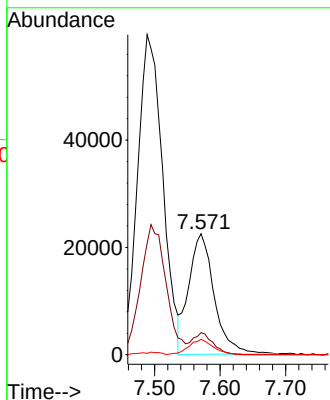
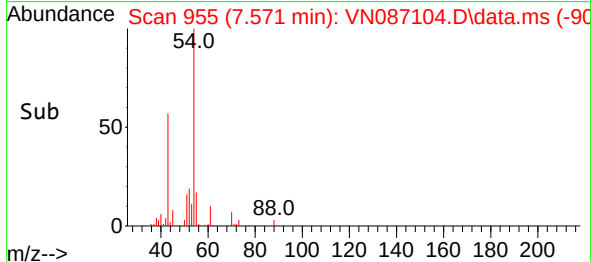
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 43 Resp: 6068
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 12.1 9.8 14.6

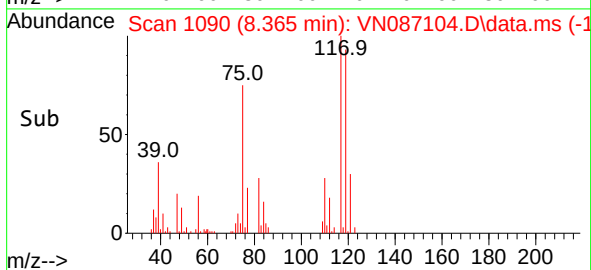
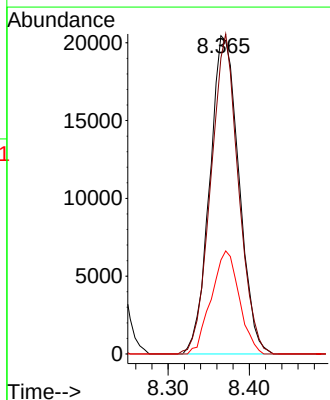
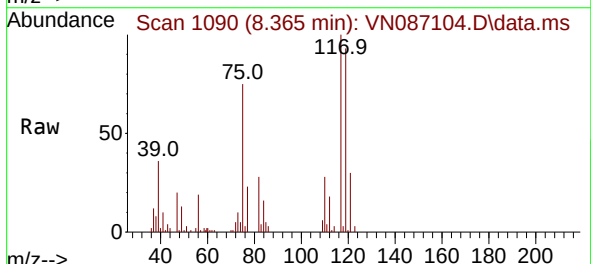
Manual Integrations
APPROVED

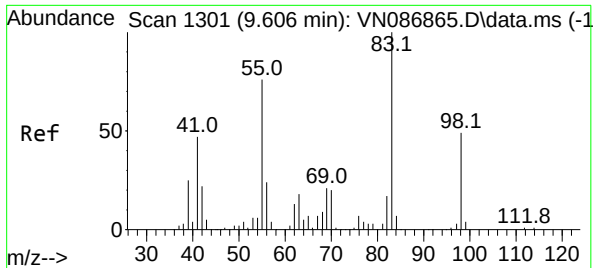
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 19.575 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

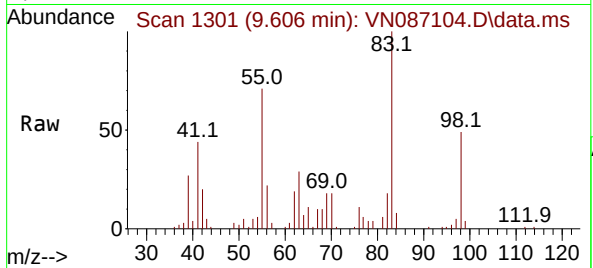
Tgt Ion:117 Resp: 51019
Ion Ratio Lower Upper
117 100
119 93.0 75.0 112.6
121 29.5 24.9 37.3





#39
Methylcyclohexane
Concen: 16.377 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

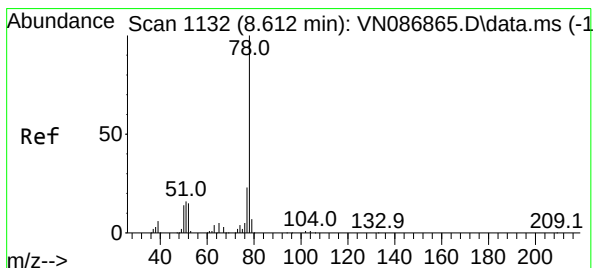
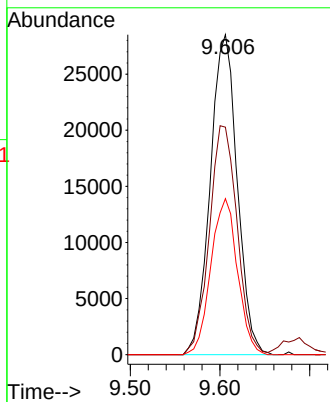
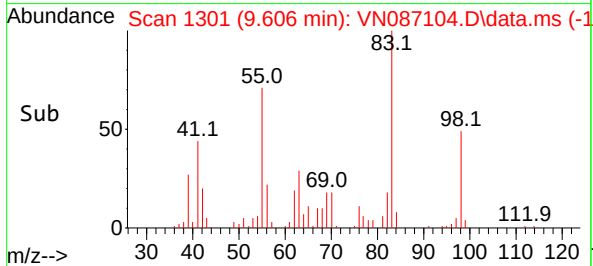
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



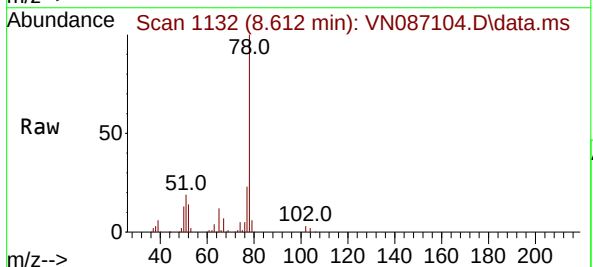
Tgt Ion: 83 Resp: 5956
Ion Ratio Lower Upper
83 100
55 71.1 61.0 91.6
98 48.8 38.9 58.3

Manual Integrations
APPROVED

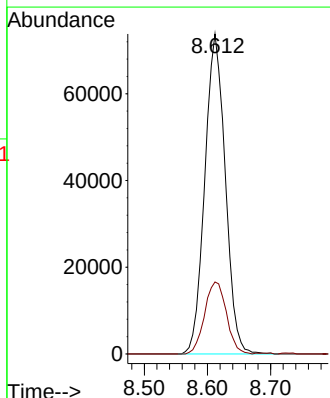
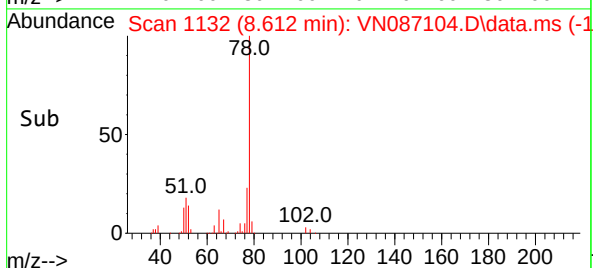
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

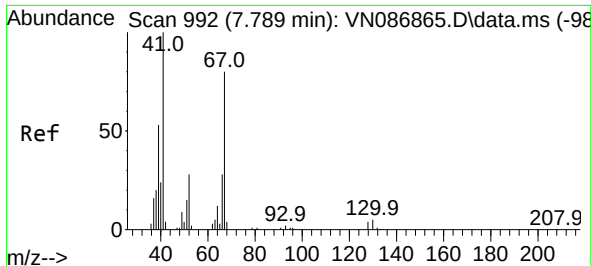


#40
Benzene
Concen: 19.178 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



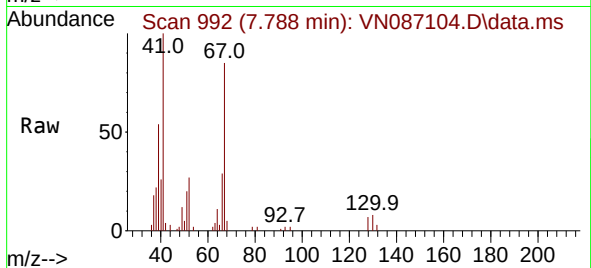
Tgt Ion: 78 Resp: 166491
Ion Ratio Lower Upper
78 100
77 22.5 18.7 28.1





#41
Methacrylonitrile
Concen: 16.226 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

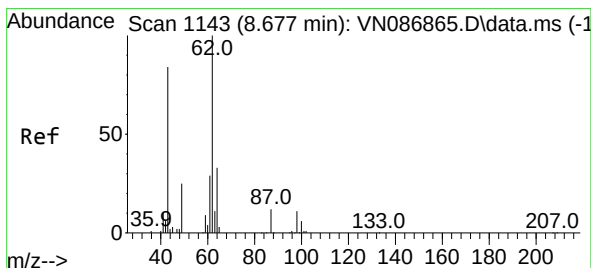
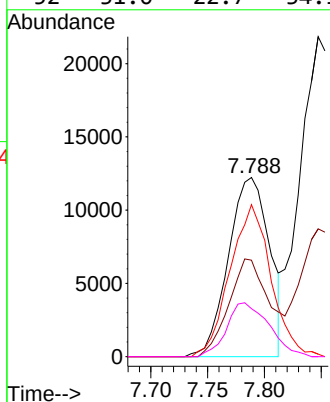
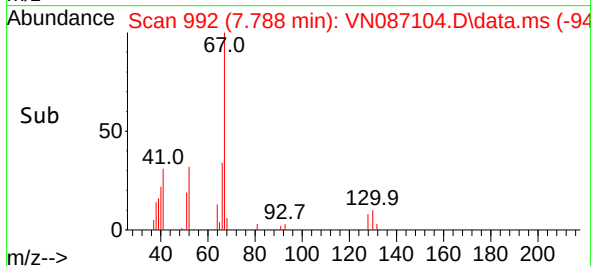
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion:	41	Resp:	3079
Ion Ratio	100	Lower	Upper
39	54.5	41.2	61.8
67	84.7	61.4	92.2
52	31.0	22.7	34.1

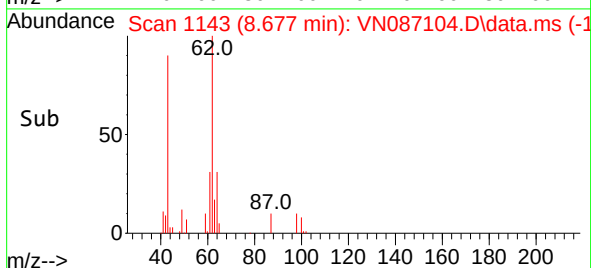
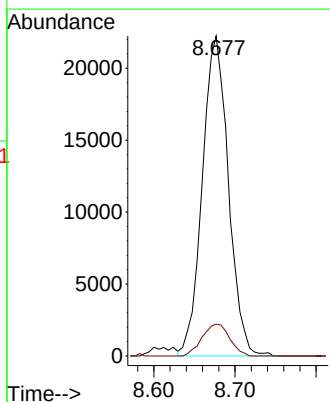
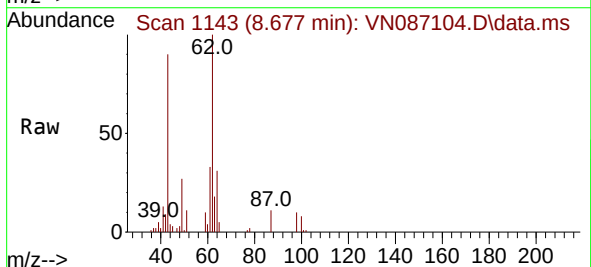
Manual Integrations
APPROVED

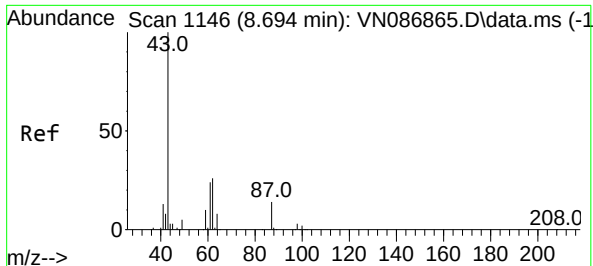
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 18.854 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

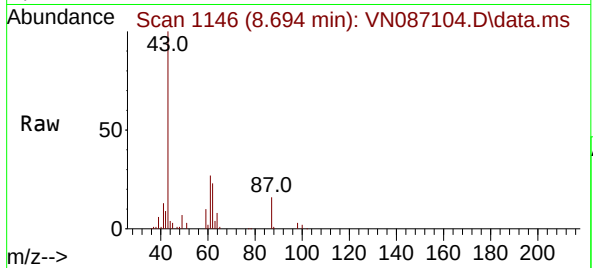
Tgt Ion:	62	Resp:	49646
Ion Ratio	100	Lower	Upper
98	10.5	0.0	21.2





#43
Isopropyl Acetate
Concen: 17.303 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

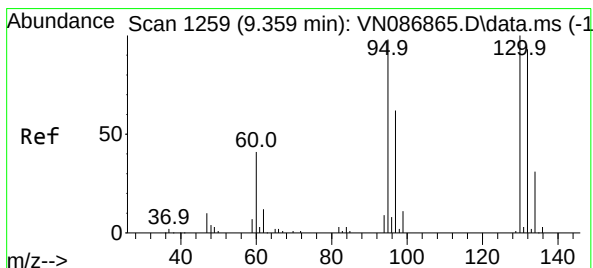
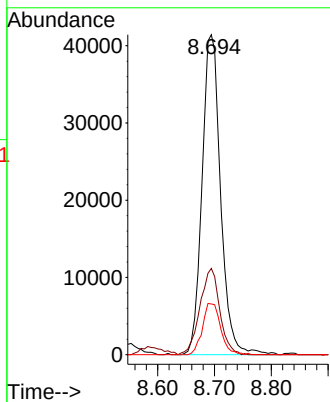
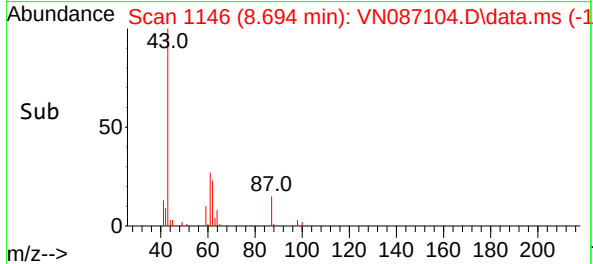
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 43 Resp: 93850
Ion Ratio Lower Upper
43 100
61 28.7 22.1 33.1
87 15.7 11.8 17.6

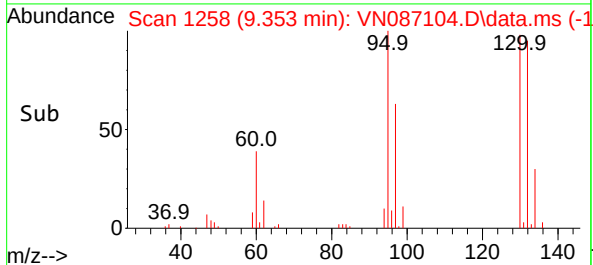
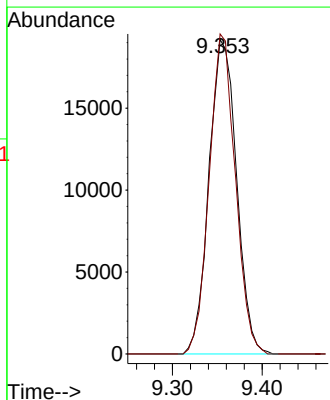
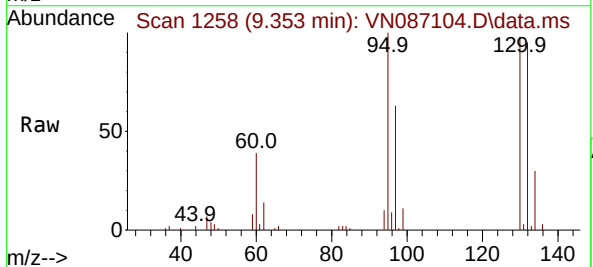
Manual Integrations
APPROVED

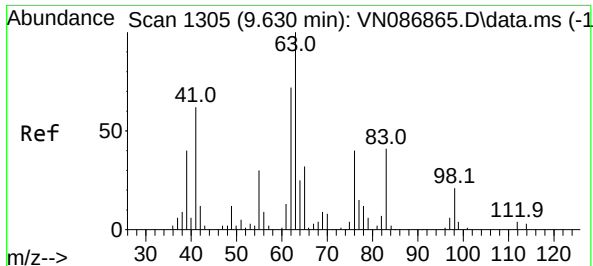
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 19.912 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion:130 Resp: 40989
Ion Ratio Lower Upper
130 100
95 101.8 0.0 196.2





#45

1,2-Dichloropropane

Concen: 19.548 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 63 Resp: 4128

Ion Ratio Lower Upper

63 100

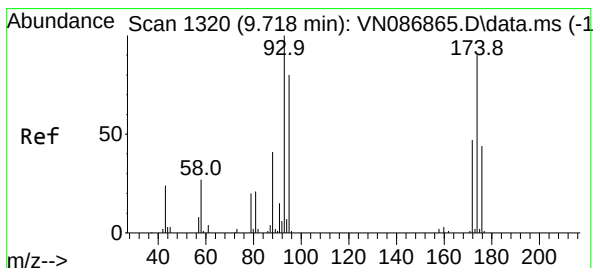
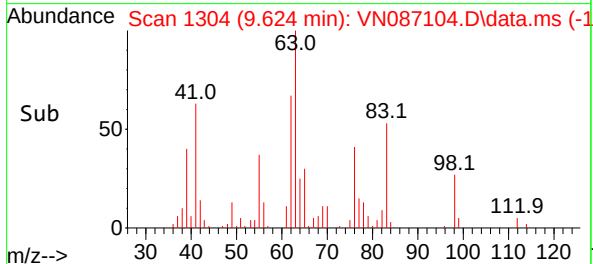
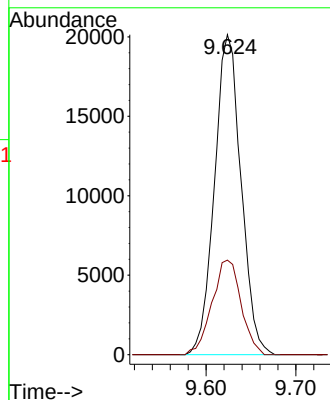
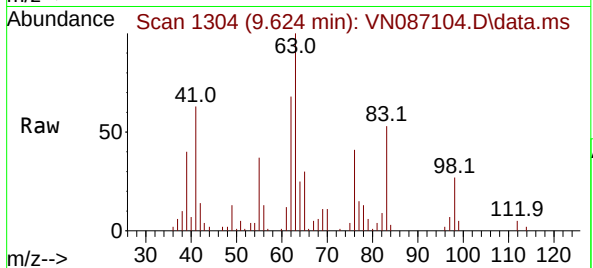
65 29.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 20.457 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

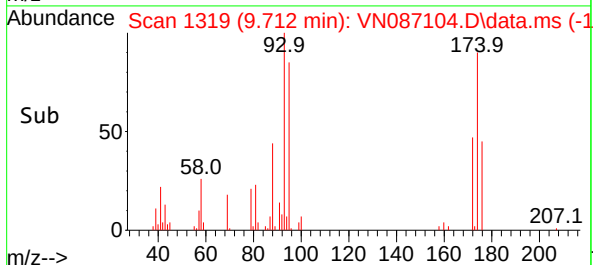
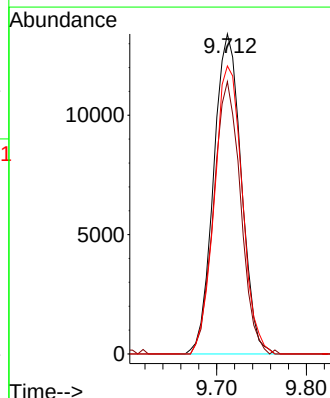
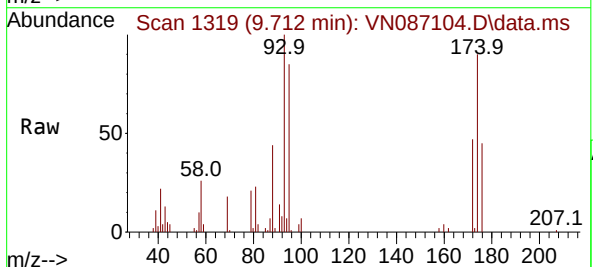
Tgt Ion: 93 Resp: 28698

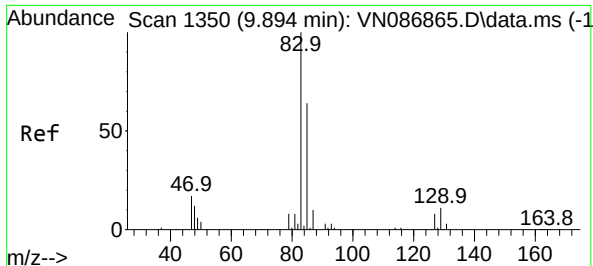
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

174 90.6 74.2 111.4





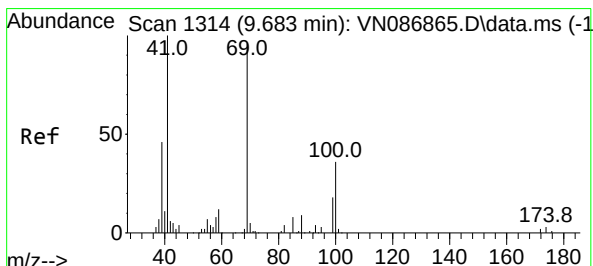
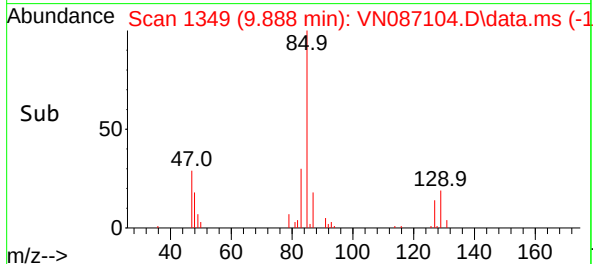
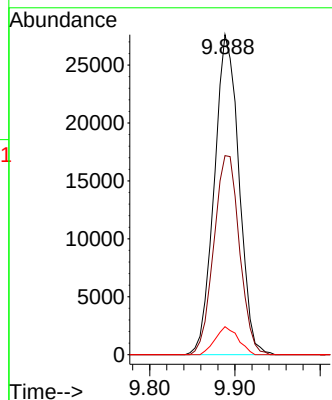
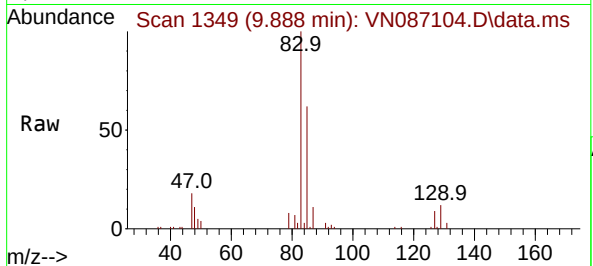
#47
Bromodichloromethane
Concen: 19.231 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 83 Resp: 5550
Ion Ratio Lower Upper
83 100
85 62.2 50.9 76.3
127 8.8 6.6 10.0

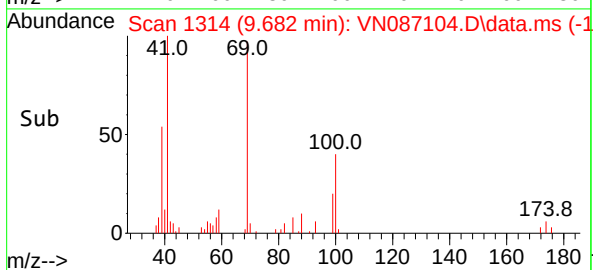
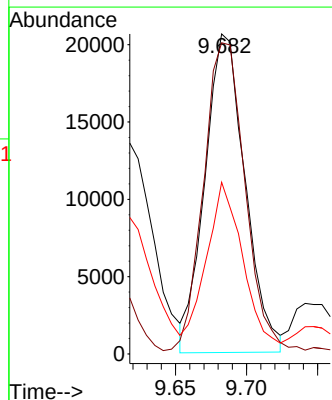
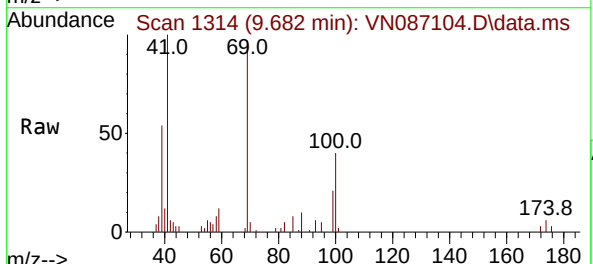
Manual Integrations
APPROVED

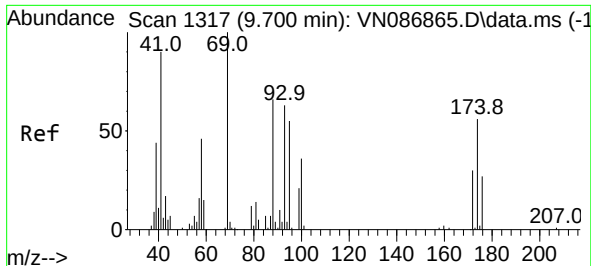
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 16.216 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion: 41 Resp: 40484
Ion Ratio Lower Upper
41 100
69 99.9 74.6 112.0
39 51.0 40.2 60.4





#49

1,4-Dioxane

Concen: 349.264 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 88 Resp: 1586

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

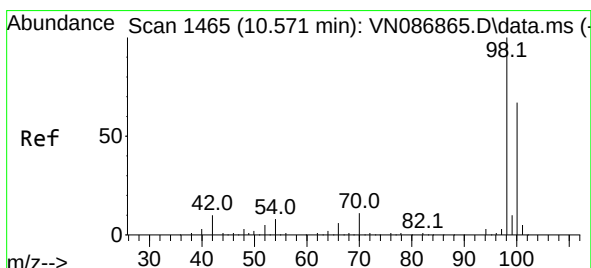
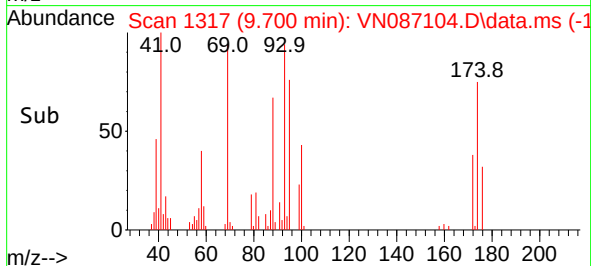
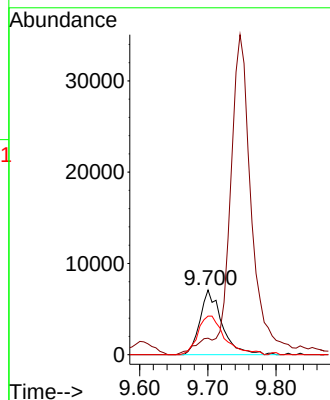
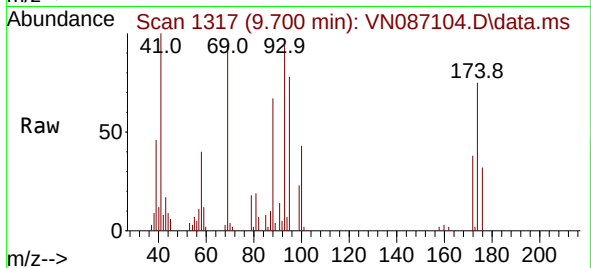
58 72.8 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 49.943 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087104.D

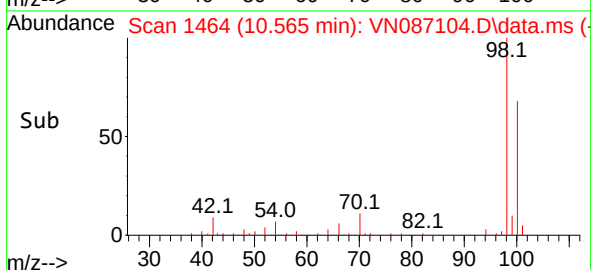
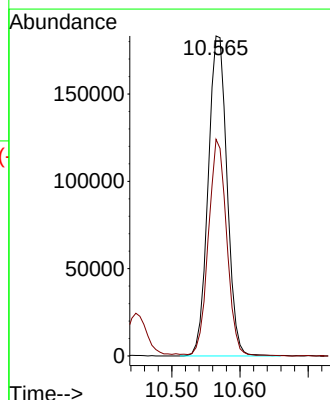
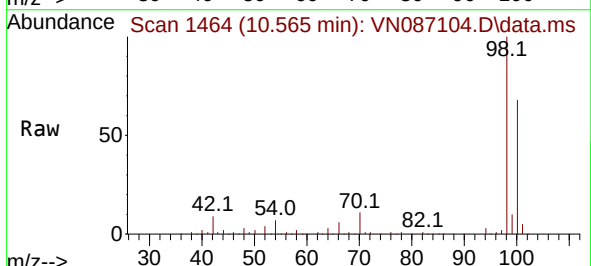
Acq: 19 Jun 2025 12:22

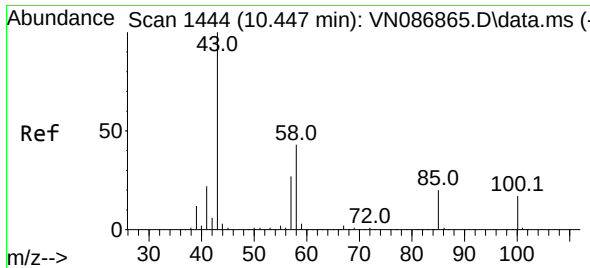
Tgt Ion: 98 Resp: 352249

Ion Ratio Lower Upper

98 100

100 65.9 53.4 80.0





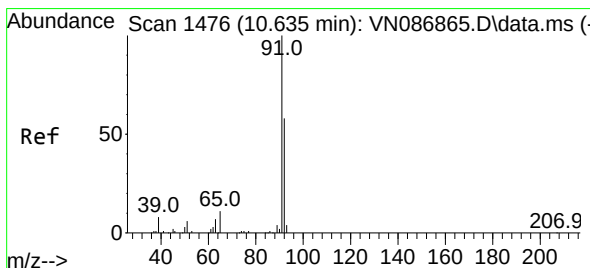
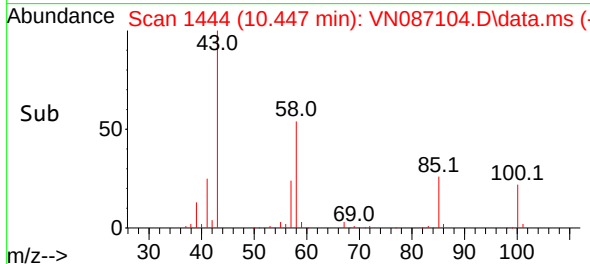
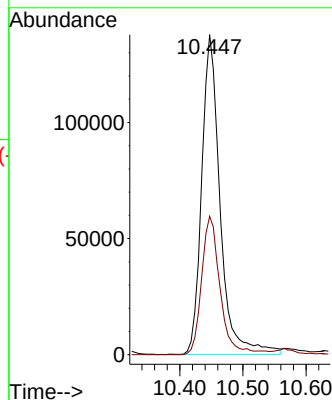
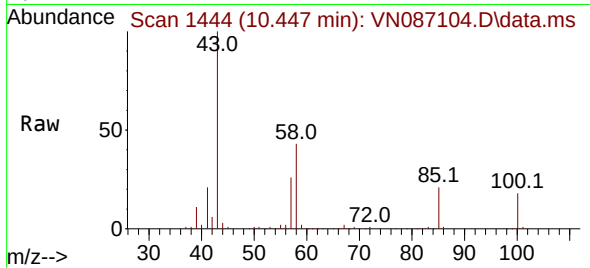
#51
4-Methyl-2-Pentanone
Concen: 85.559 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 43 Resp: 279386
Ion Ratio Lower Upper
43 100
58 43.7 34.2 51.4

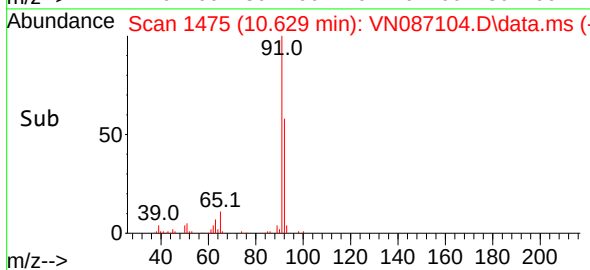
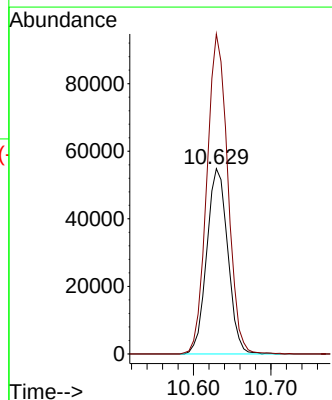
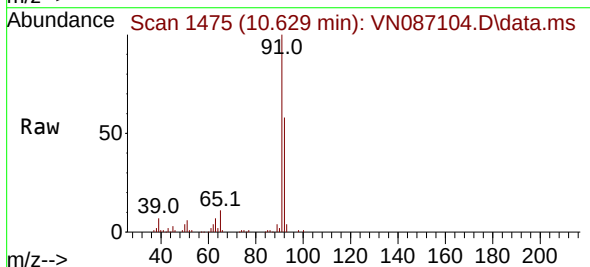
Manual Integrations
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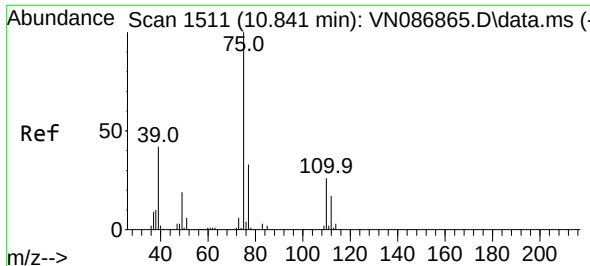
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 19.487 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

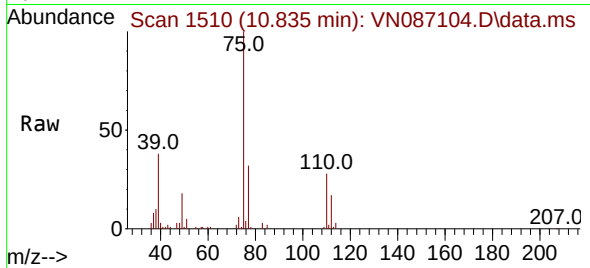
Tgt Ion: 92 Resp: 103384
Ion Ratio Lower Upper
92 100
91 171.6 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 19.028 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

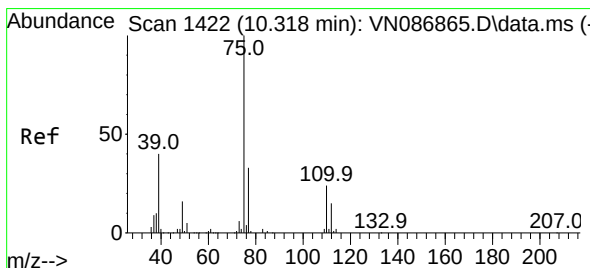
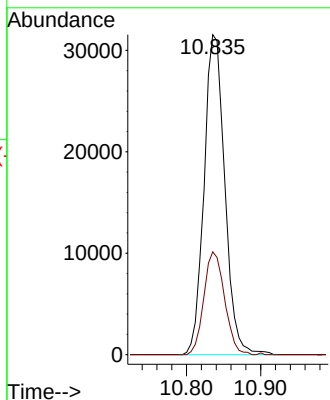
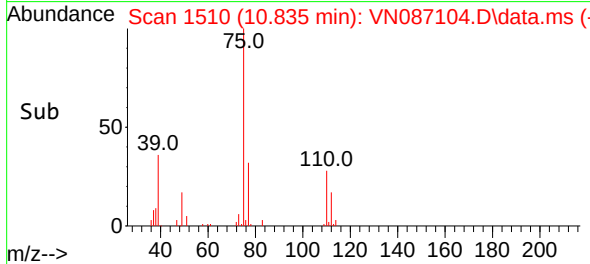
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 75 Resp: 61414
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6

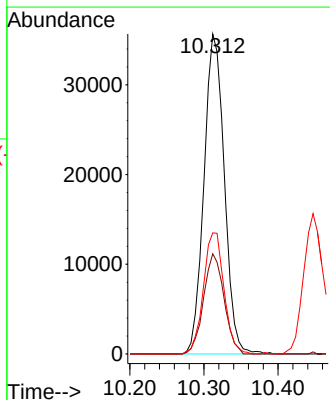
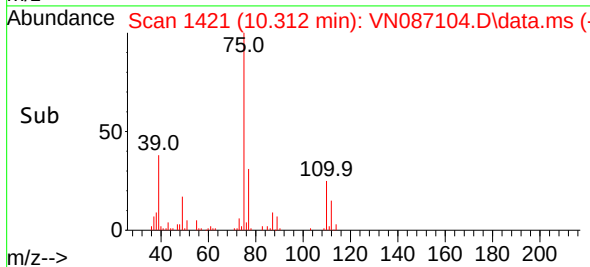
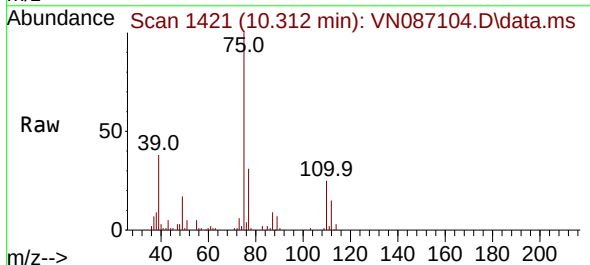
Manual Integrations
APPROVED

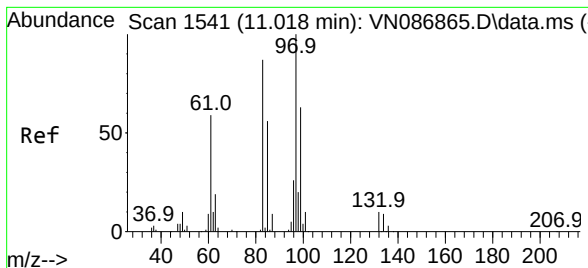
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#54
cis-1,3-Dichloropropene
Concen: 19.730 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

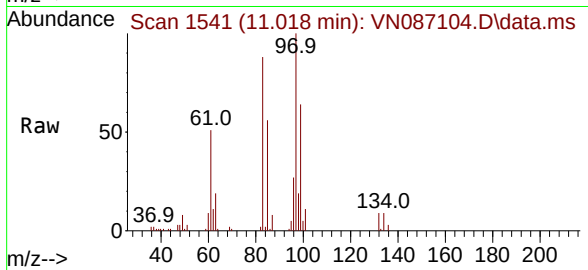
Tgt Ion: 75 Resp: 68133
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.4
39 37.8 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 19.716 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

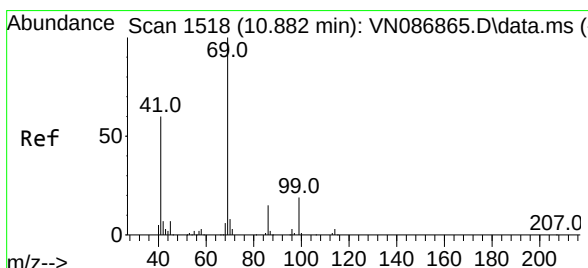
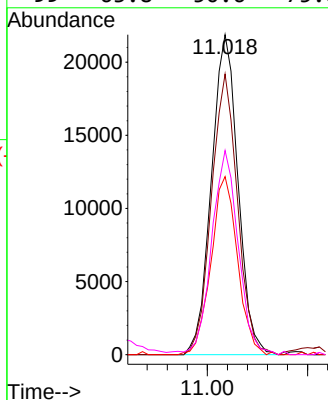
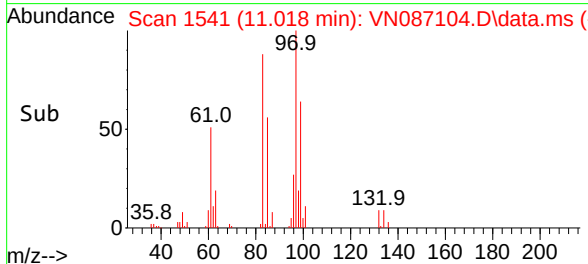
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 97 Resp: 40248
Ion Ratio Lower Upper
97 100
83 87.7 69.7 104.5
85 55.6 45.1 67.7
99 63.8 50.6 75.8

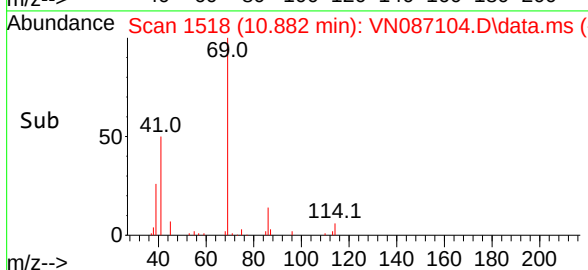
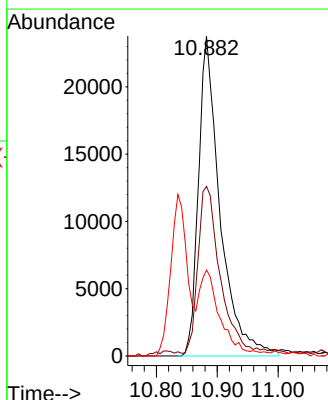
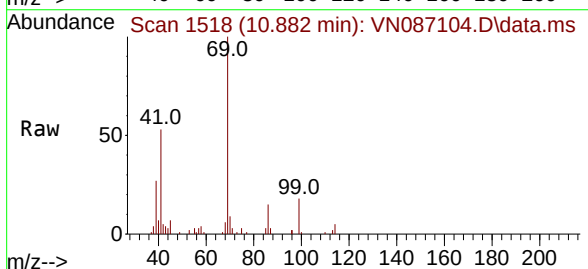
Manual Integrations
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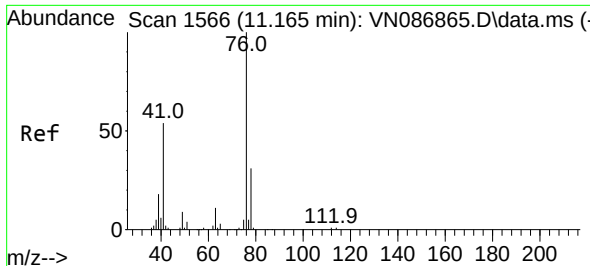
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#56
Ethyl methacrylate
Concen: 18.024 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion: 69 Resp: 58604
Ion Ratio Lower Upper
69 100
41 54.1 47.2 70.8
39 26.1 23.0 34.6





#57

1,3-Dichloropropane

Concen: 19.242 ug/l

RT: 11.165 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

Tgt Ion: 76 Resp: 6814

Ion Ratio Lower Upper

76 100

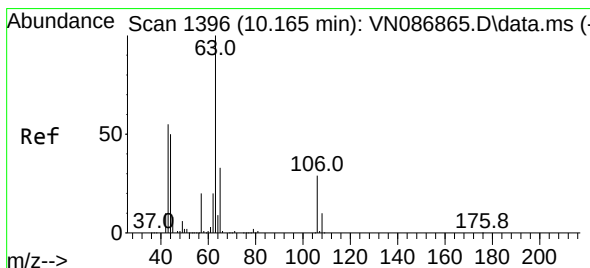
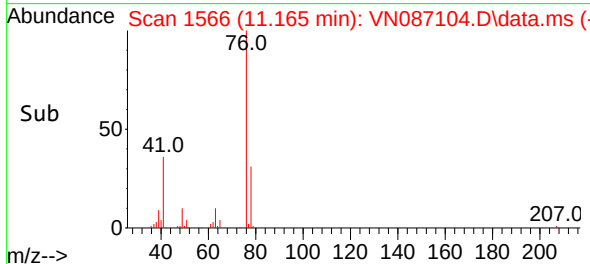
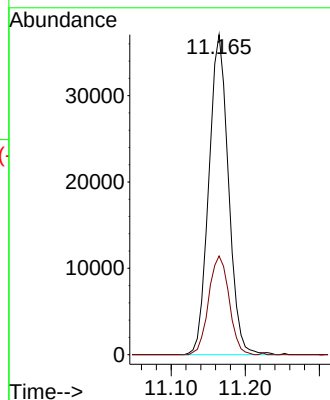
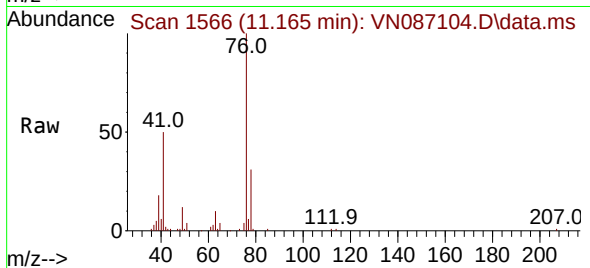
78 32.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 88.120 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN087104.D

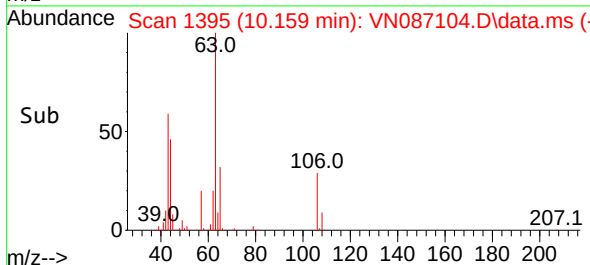
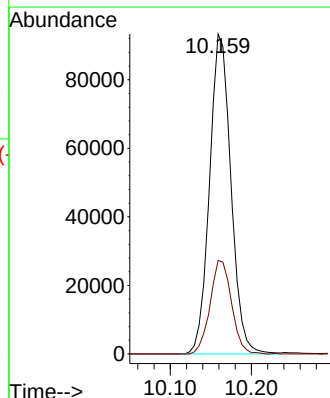
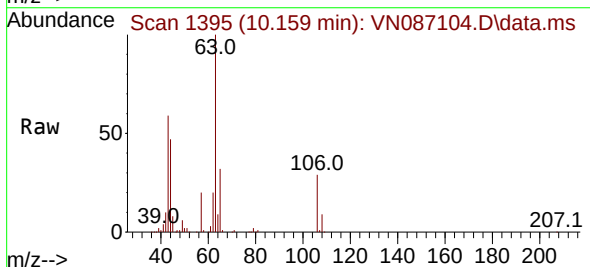
Acq: 19 Jun 2025 12:22

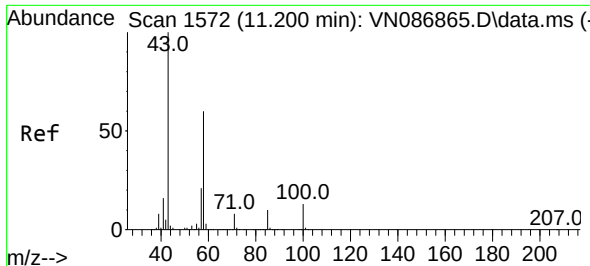
Tgt Ion: 63 Resp: 170894

Ion Ratio Lower Upper

63 100

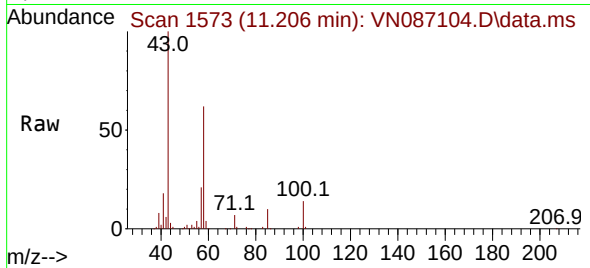
106 29.3 23.0 34.6





#59
2-Hexanone
Concen: 75.642 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

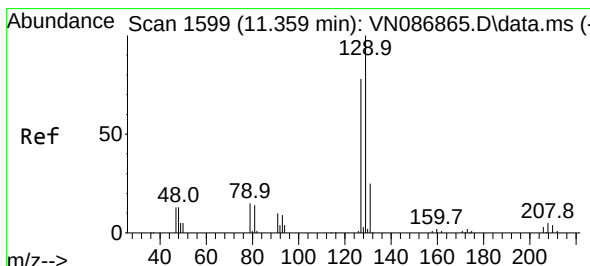
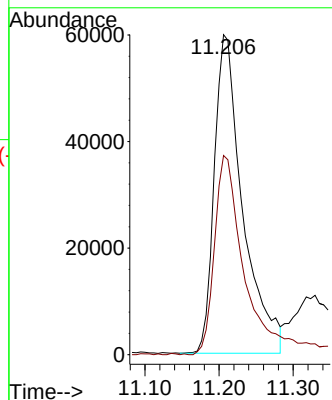
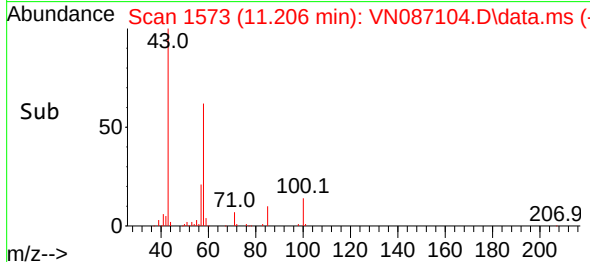
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 43 Resp: 15910
Ion Ratio Lower Upper
43 100
58 67.2 30.4 91.3

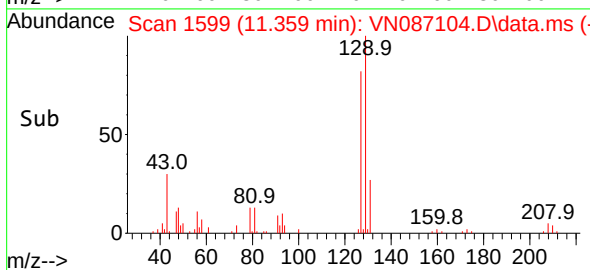
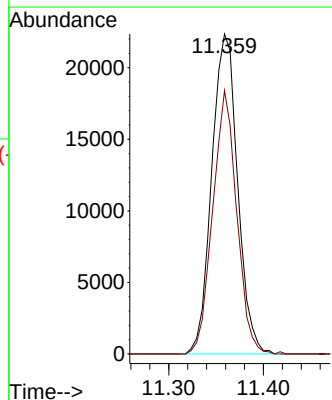
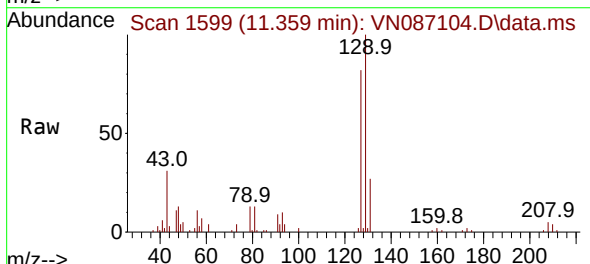
Manual Integrations
APPROVED

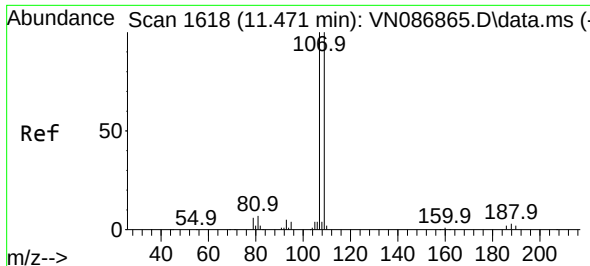
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 19.946 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

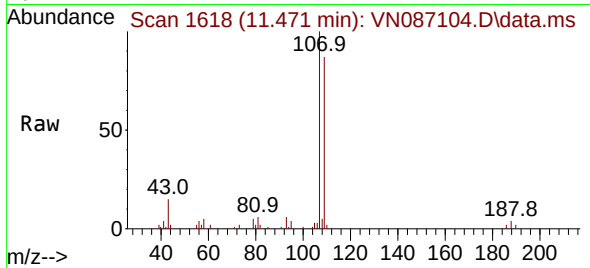
Tgt Ion:129 Resp: 42423
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.135 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

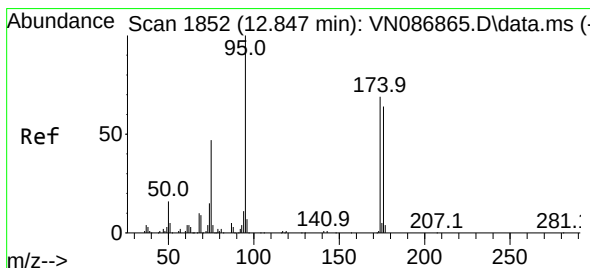
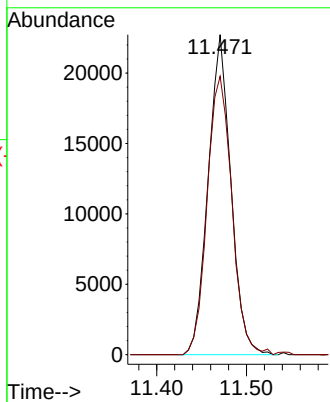
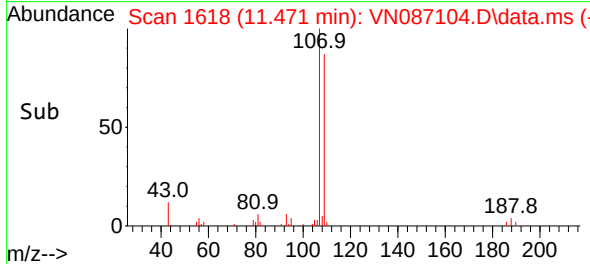
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



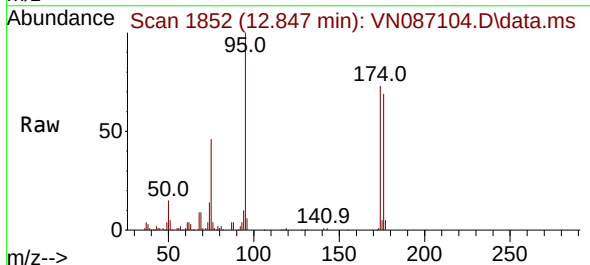
Tgt Ion:107 Resp: 40038
Ion Ratio Lower Upper
107 100
109 94.4 76.3 114.5

Manual Integrations
APPROVED

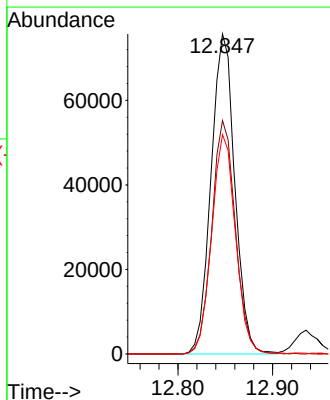
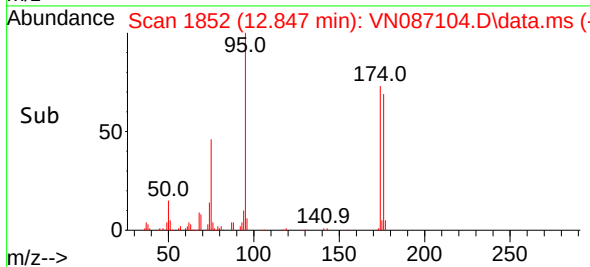
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

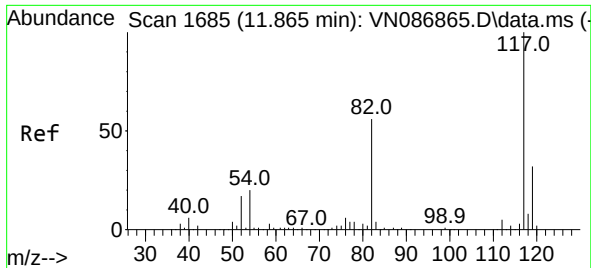


#62
4-Bromofluorobenzene
Concen: 50.328 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



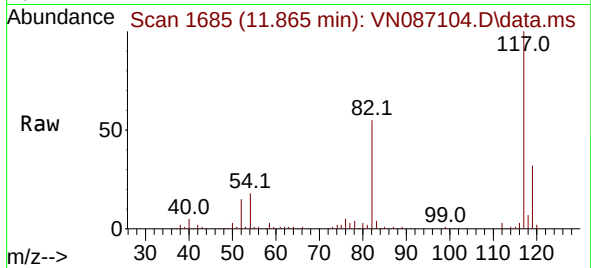
Tgt Ion: 95 Resp: 131878
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.8
176 68.7 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

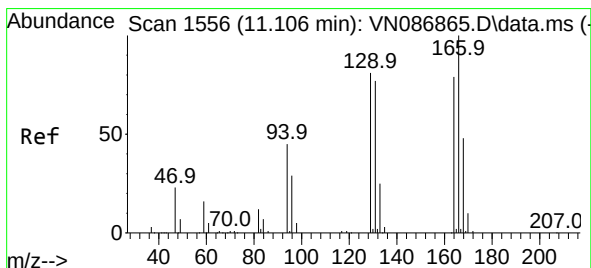
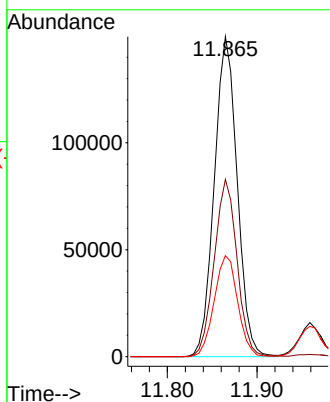
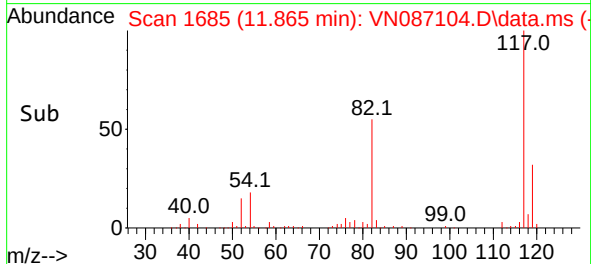
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion:117 Resp: 265368
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 31.6 25.5 38.3

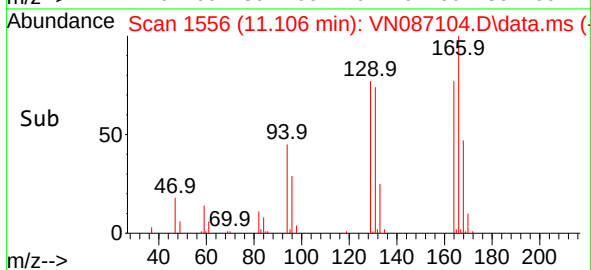
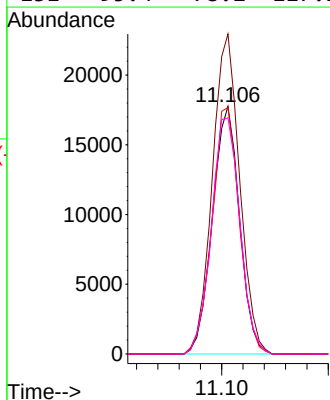
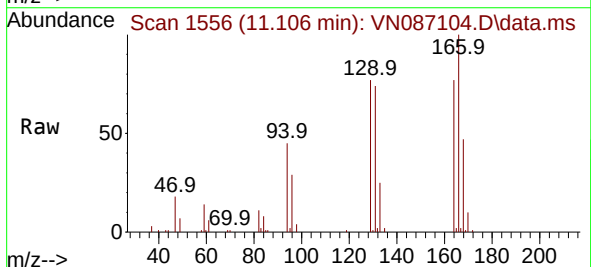
Manual Integrations
APPROVED

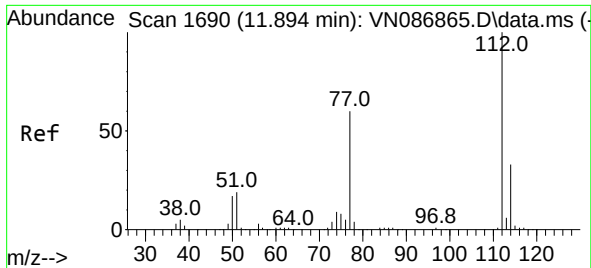
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#64
Tetrachloroethene
Concen: 18.678 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

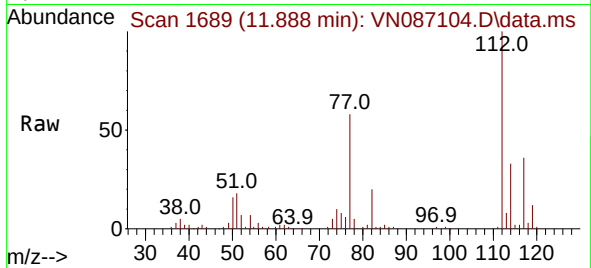
Tgt Ion:164 Resp: 31369
Ion Ratio Lower Upper
164 100
166 129.3 101.8 152.8
129 99.5 83.0 124.4
131 95.4 78.2 117.2





#65
Chlorobenzene
Concen: 19.648 ug/l
RT: 11.888 min Scan# 11499
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

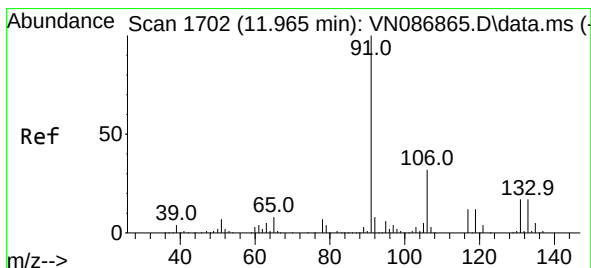
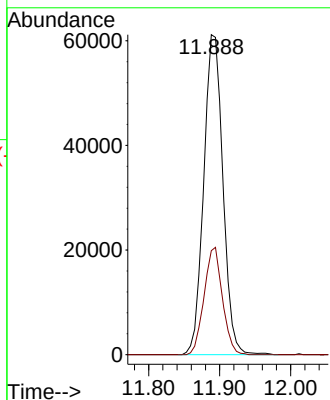
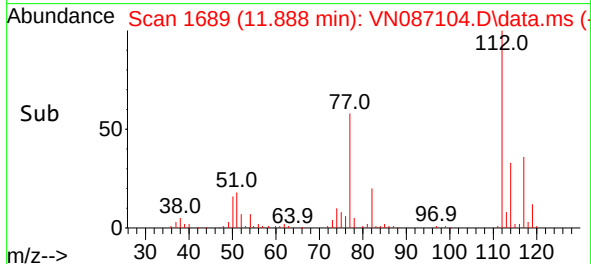
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion:112 Resp: 11499
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

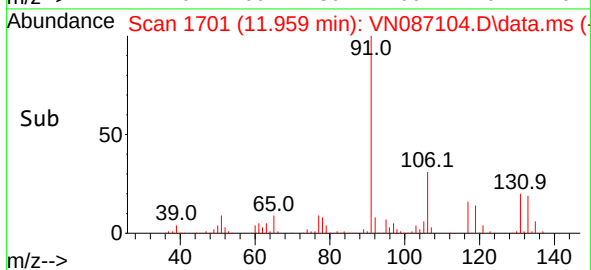
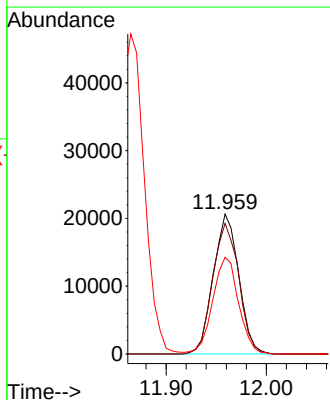
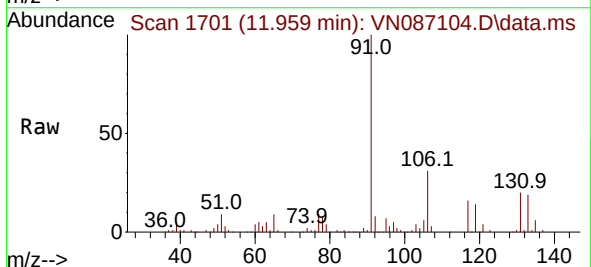
Manual Integrations
APPROVED

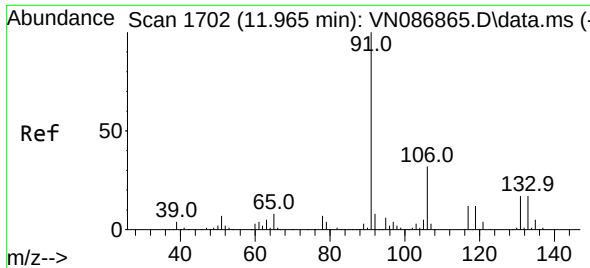
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.339 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion:131 Resp: 36384
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.8
119 70.1 34.0 101.8





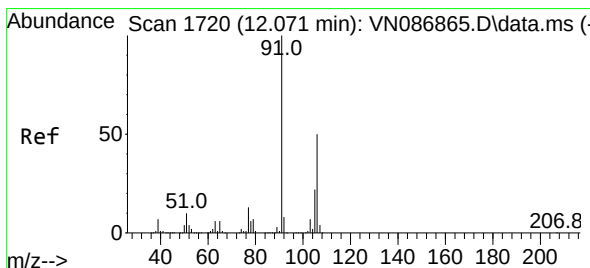
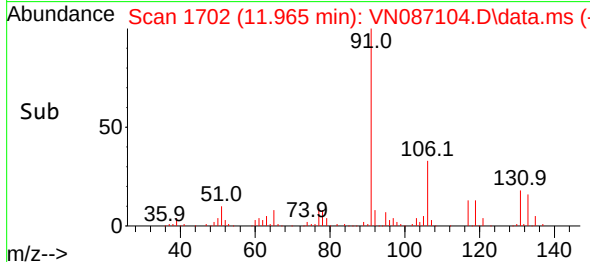
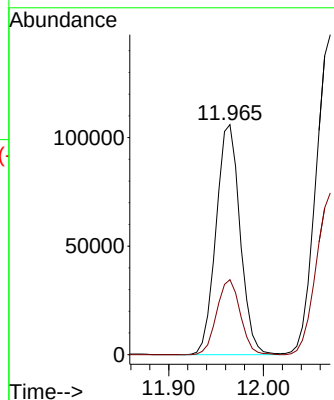
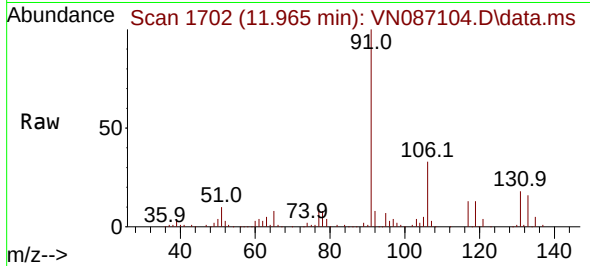
#67
Ethyl Benzene
Concen: 18.559 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 91 Resp: 187100
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2

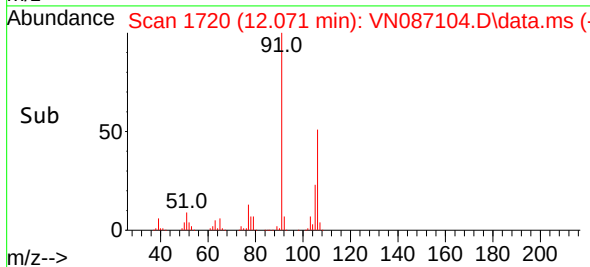
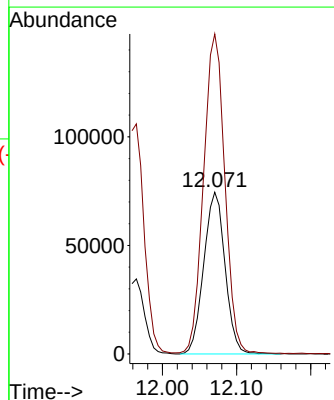
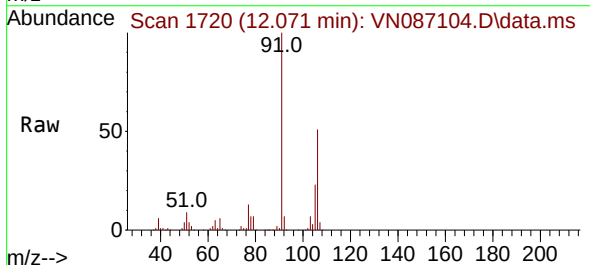
Manual Integrations
APPROVED

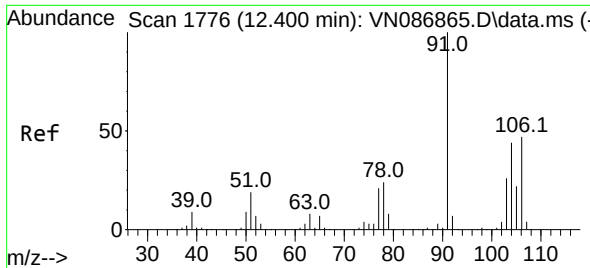
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#68
m/p-Xylenes
Concen: 38.516 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion:106 Resp: 148640
Ion Ratio Lower Upper
106 100
91 197.7 159.4 239.0





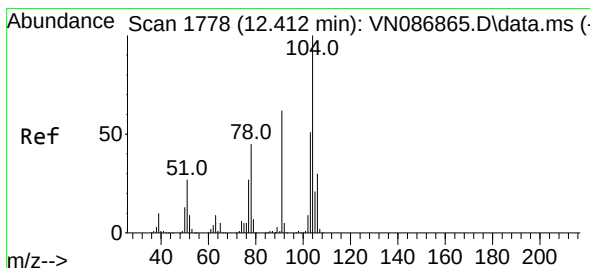
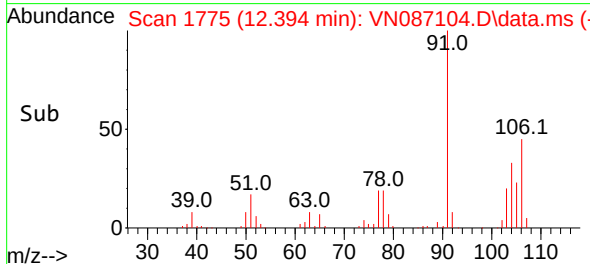
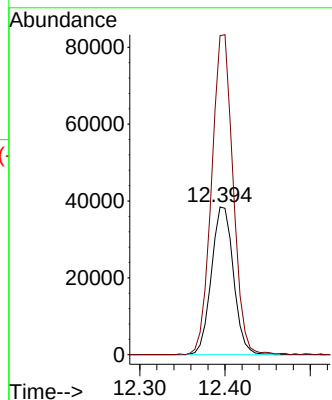
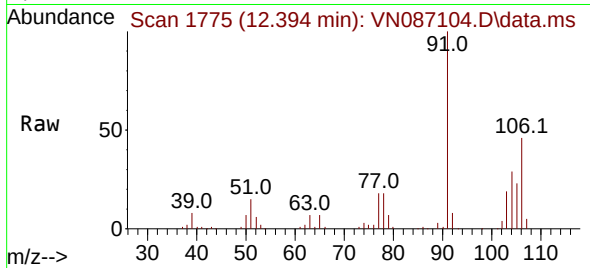
#69
o-Xylene
Concen: 18.678 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:106 Resp: 6903
Ion Ratio Lower Upper
106 100
91 211.8 106.1 318.1

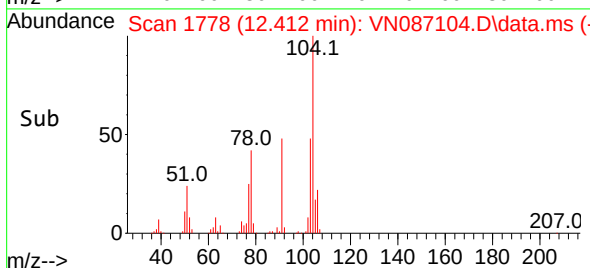
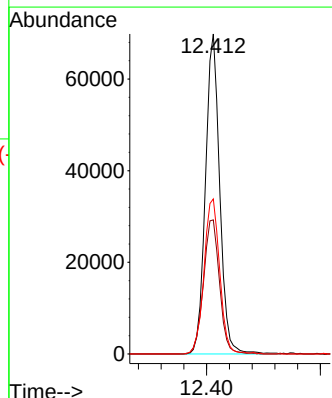
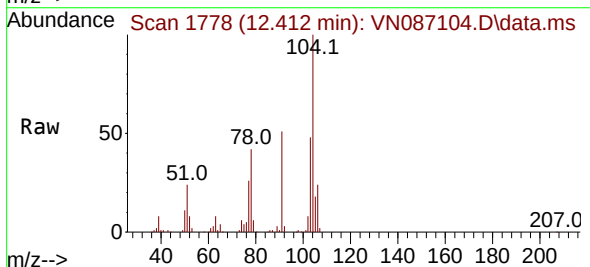
Manual Integrations
APPROVED

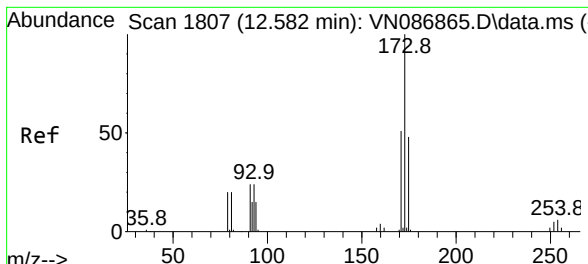
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 19.185 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

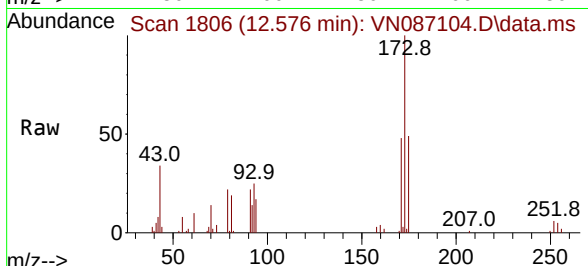
Tgt Ion:104 Resp: 121336
Ion Ratio Lower Upper
104 100
78 47.0 38.5 57.7
103 53.5 43.1 64.7





#71
Bromoform
Concen: 20.223 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

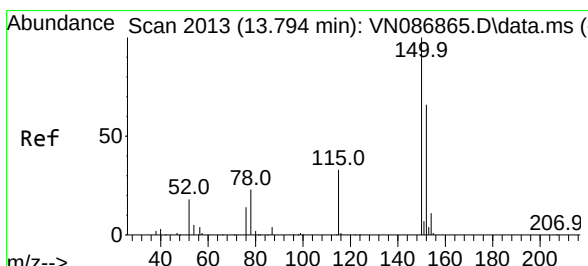
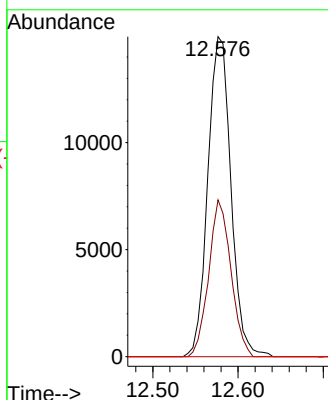
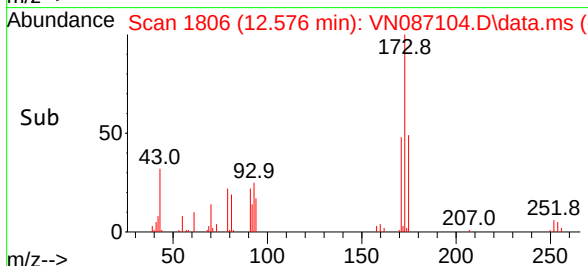
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



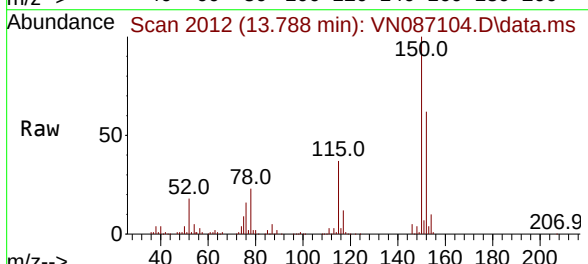
Tgt Ion:173 Resp: 2819
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

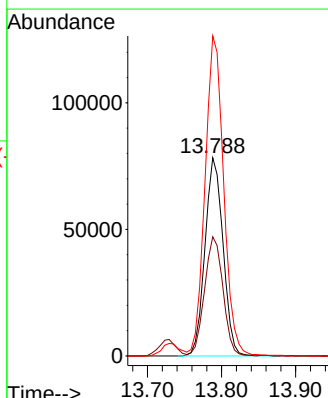
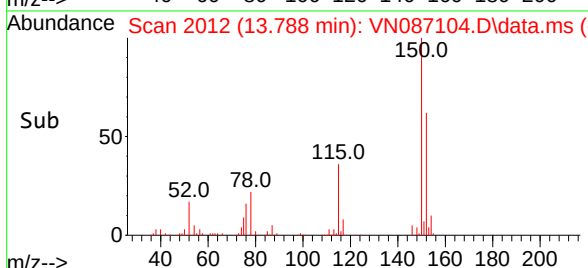
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

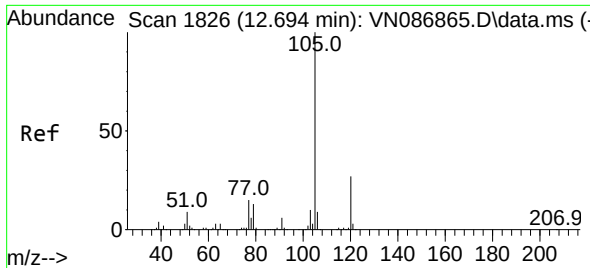


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



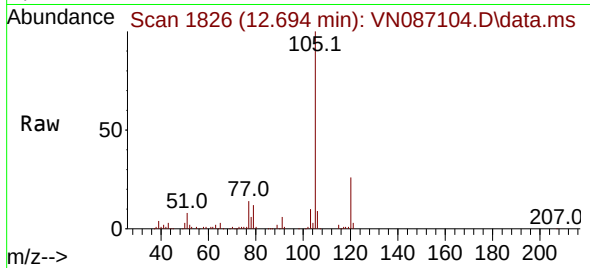
Tgt Ion:152 Resp: 132931
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.5
150 166.3 0.0 345.0





#73
Isopropylbenzene
Concen: 18.117 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

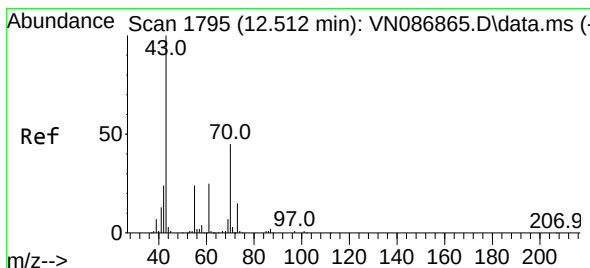
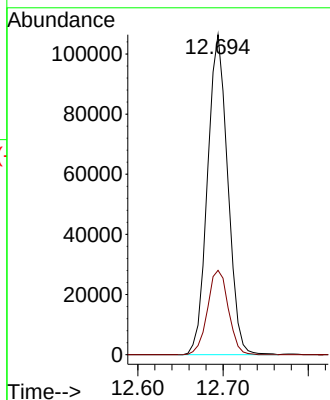
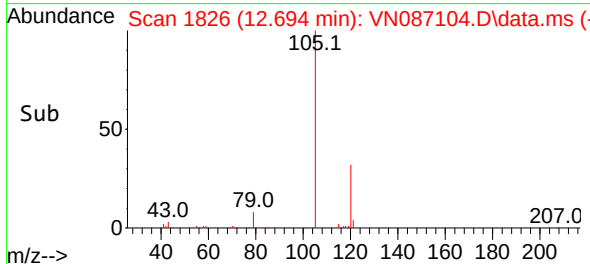
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



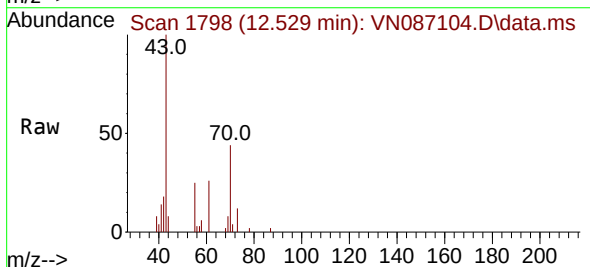
Tgt Ion:105 Resp: 175452
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations
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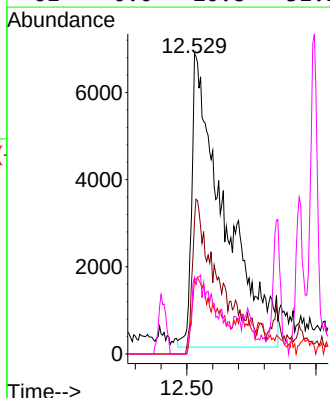
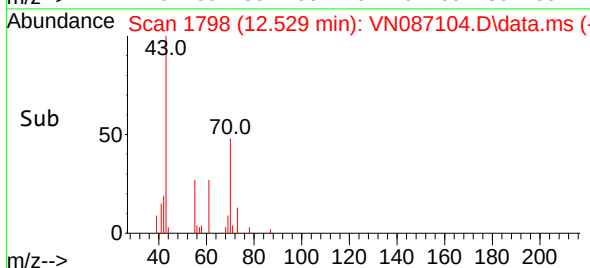
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

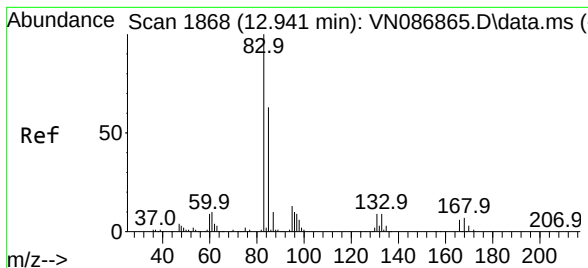


#74
N-ethyl acetate
Concen: 17.448 ug/l m
RT: 12.529 min Scan# 1798
Delta R.T. 0.018 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



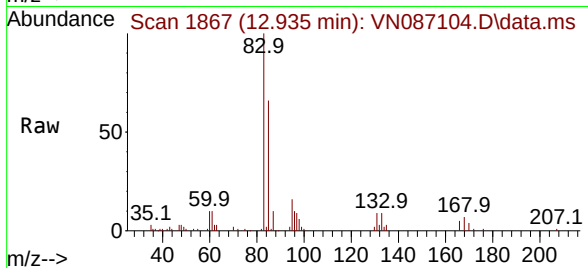
Tgt Ion: 43 Resp: 59044
Ion Ratio Lower Upper
43 100
70 18.7 37.6 56.4#
55 12.1 19.0 28.6#
61 0.0 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.142 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

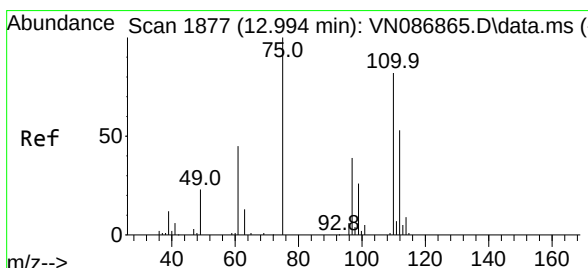
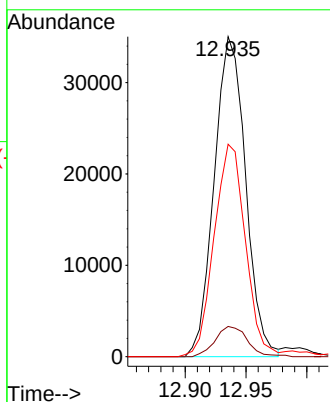
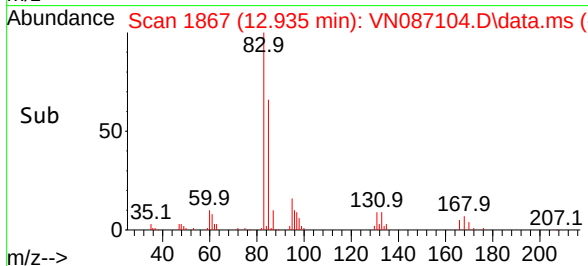
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 83 Resp: 62799
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 66.4 32.0 96.0

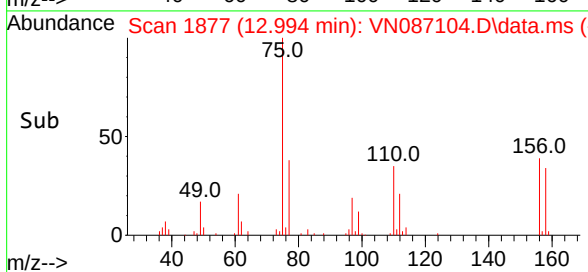
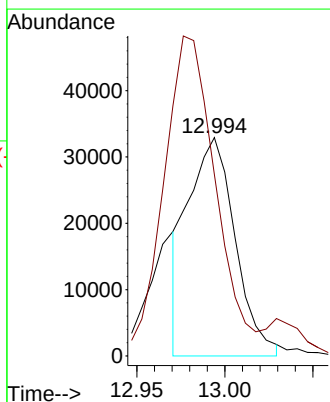
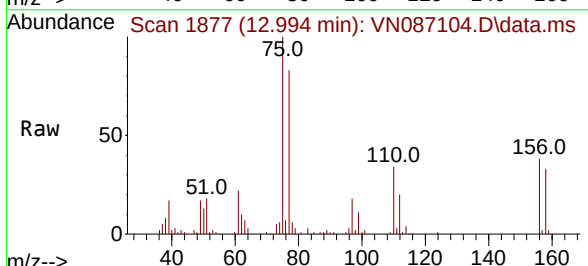
Manual Integrations
APPROVED

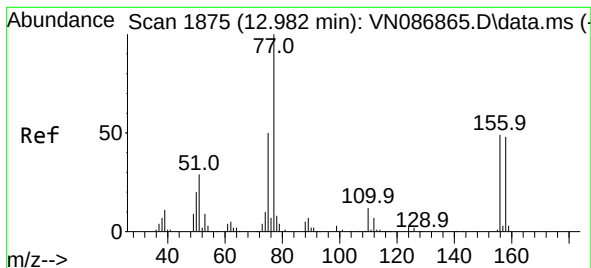
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 19.316 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion: 75 Resp: 61035
Ion Ratio Lower Upper
75 100
77 161.9 79.3 237.9





#77

Bromobenzene

Concen: 19.723 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

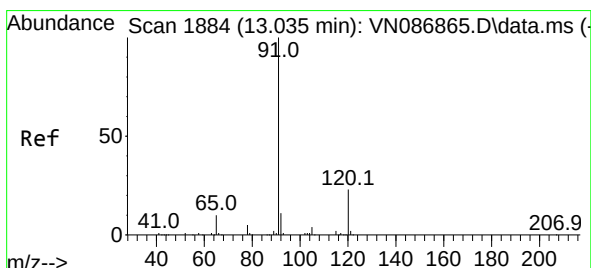
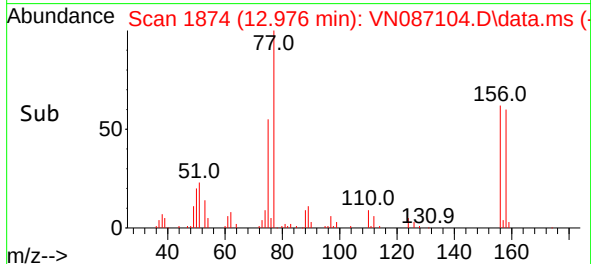
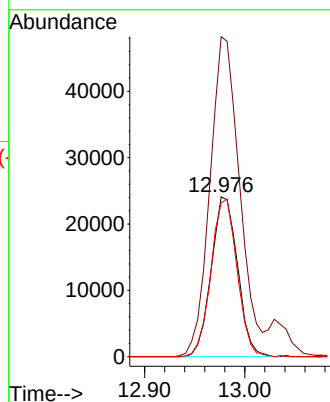
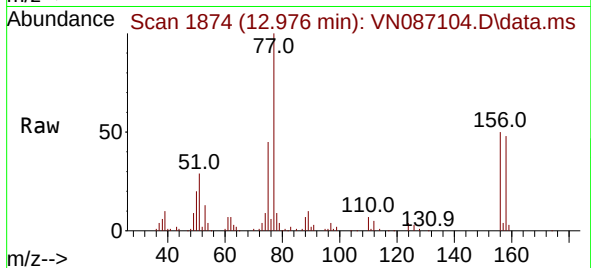
Tgt Ion:156 Resp: 4380
 Ion Ratio Lower Upper
 156 100
 77 225.6 117.7 353.1
 158 98.0 48.1 144.4

Manual Integrations

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Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#78

n-propylbenzene

Concen: 17.730 ug/l

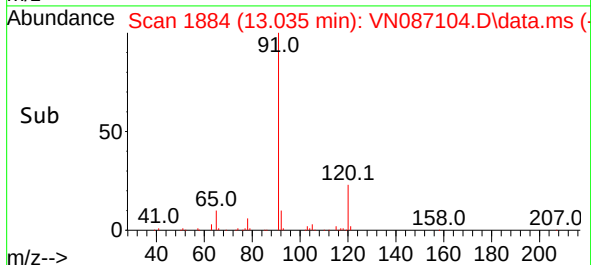
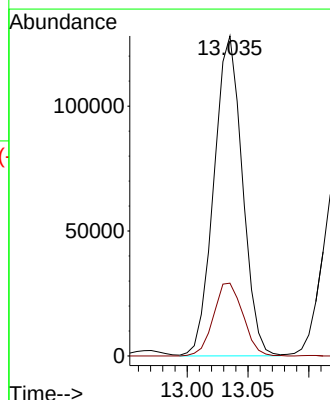
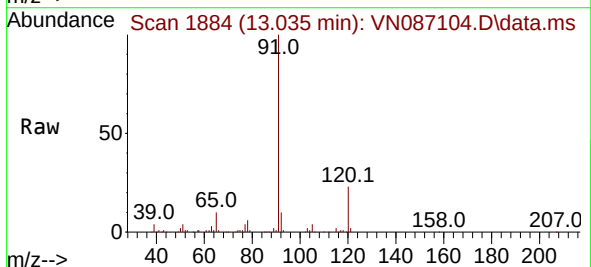
RT: 13.035 min Scan# 1884

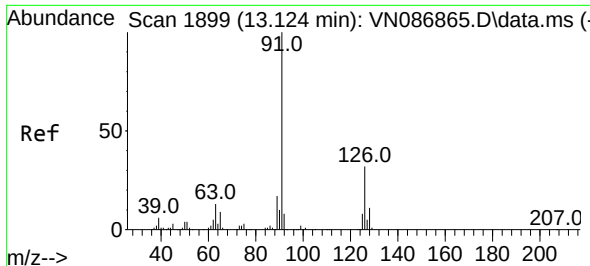
Delta R.T. -0.000 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

Tgt Ion: 91 Resp: 208663
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.4 34.2





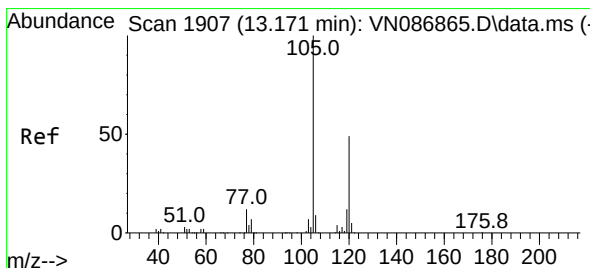
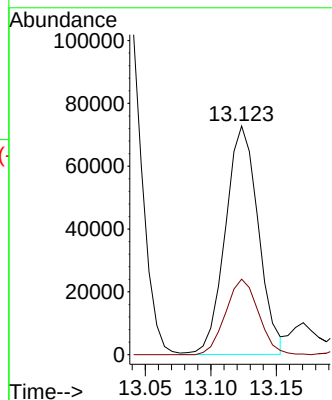
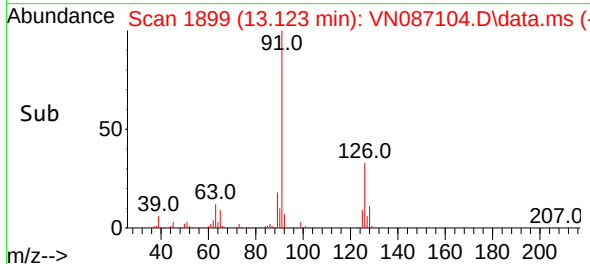
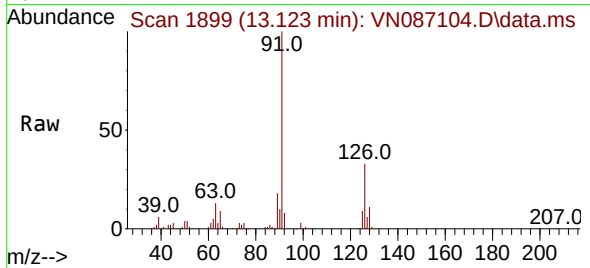
#79
2-Chlorotoluene
Concen: 18.054 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion: 91 Resp: 127425
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.5

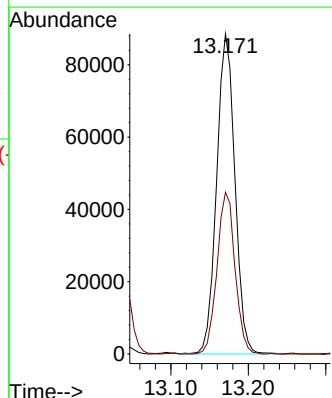
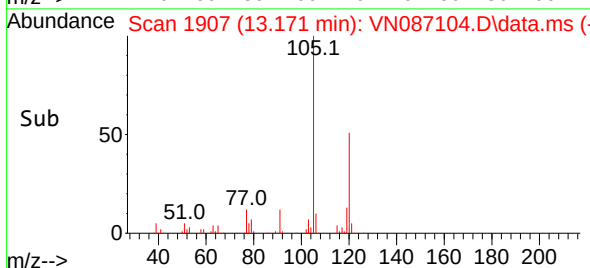
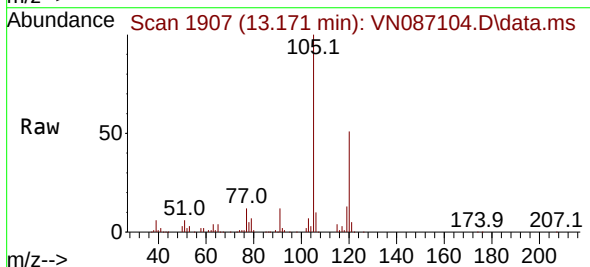
Manual Integrations
APPROVED

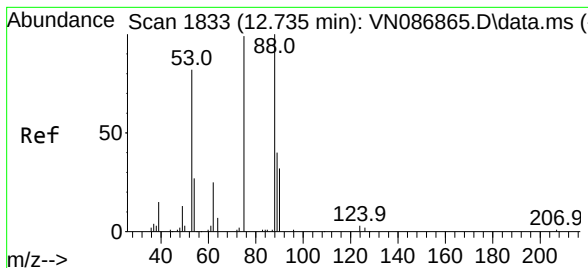
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.184 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

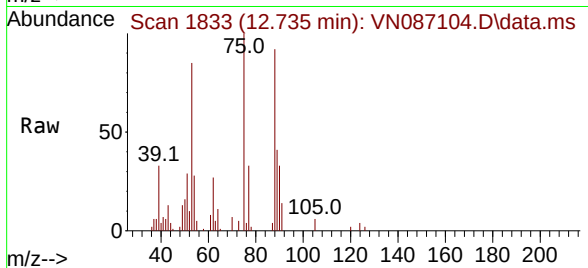
Tgt Ion:105 Resp: 145386
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.762 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

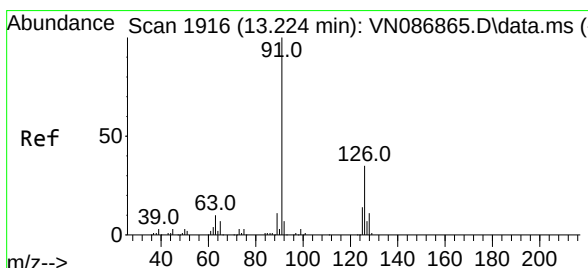
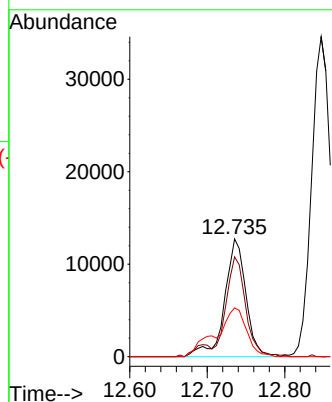
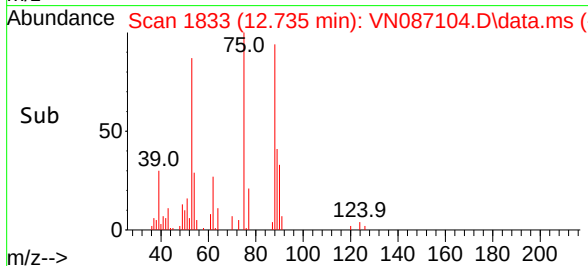
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion: 75 Resp: 2438
Ion Ratio Lower Upper
75 100
53 77.4 66.6 99.8
89 59.0 36.7 55.1

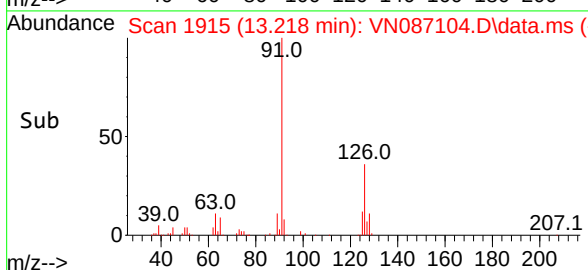
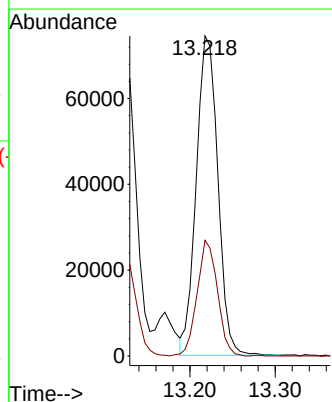
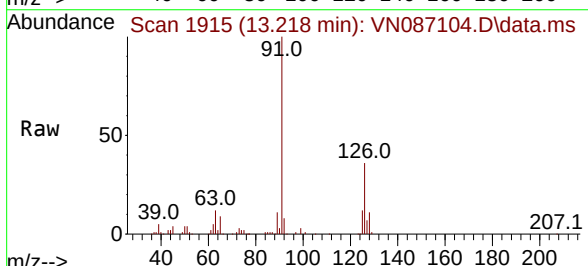
Manual Integrations
APPROVED

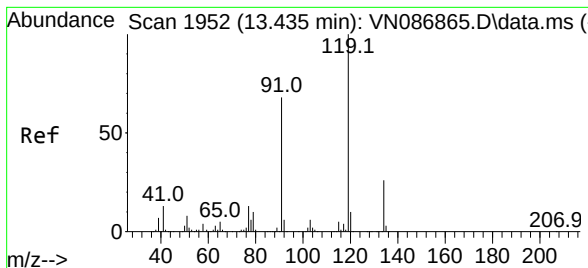
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 18.373 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

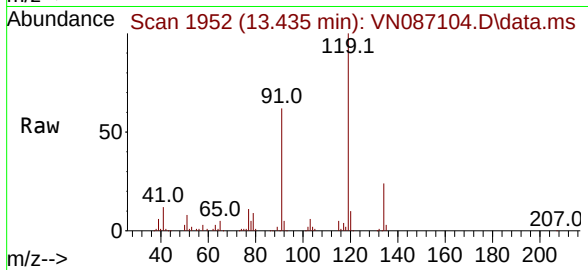
Tgt Ion: 91 Resp: 131206
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 16.646 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087104.D
 Acq: 19 Jun 2025 12:22

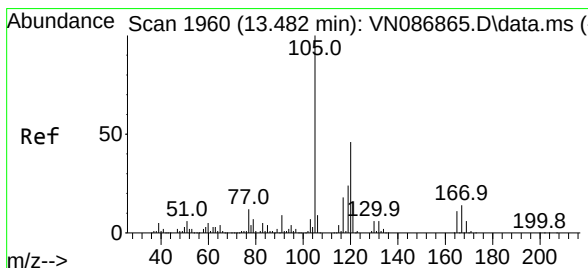
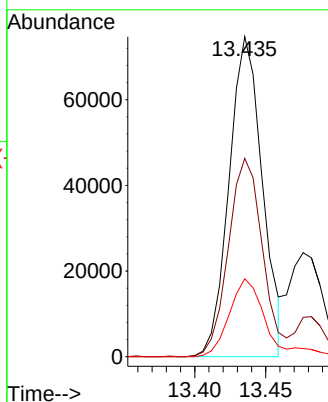
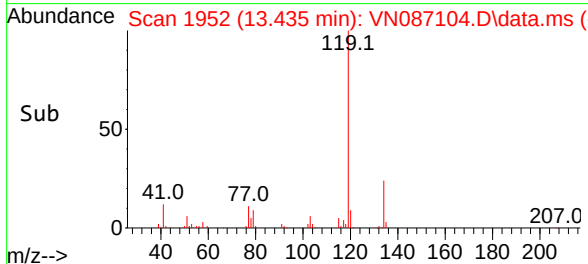
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01



Tgt Ion:119 Resp: 121825
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.1 96.5
 134 26.8 13.4 40.1

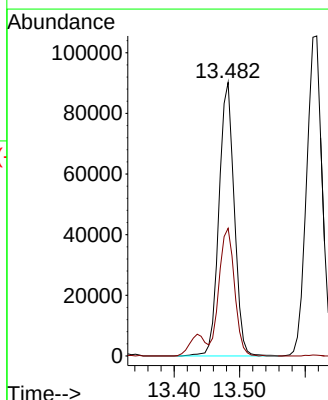
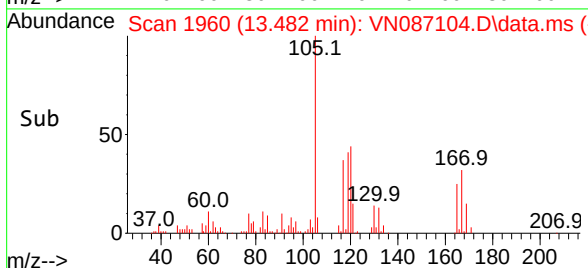
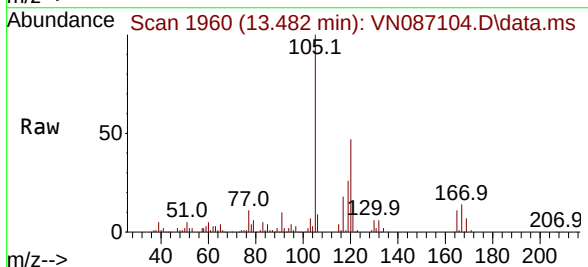
Manual Integrations
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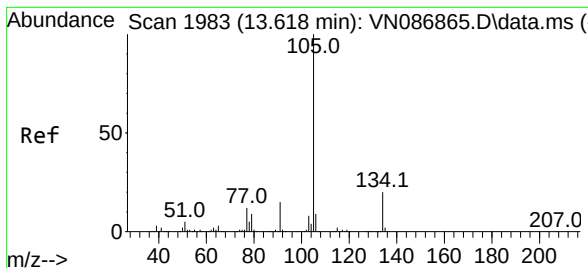
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 18.101 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087104.D
 Acq: 19 Jun 2025 12:22

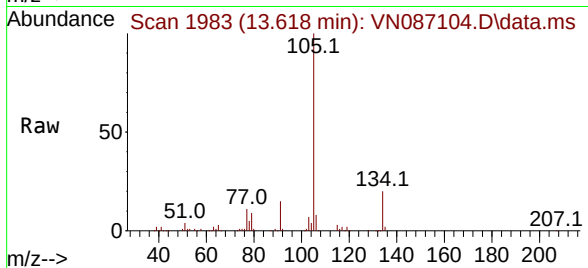
Tgt Ion:105 Resp: 145127
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 16.440 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN087104.D
 Acq: 19 Jun 2025 12:22

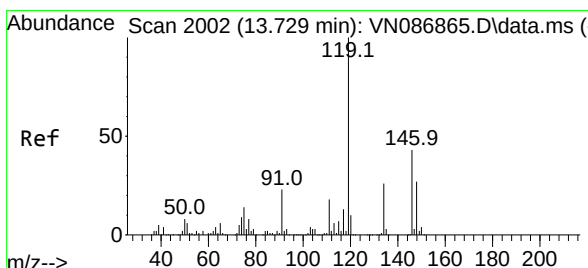
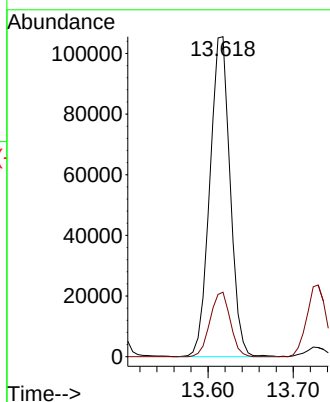
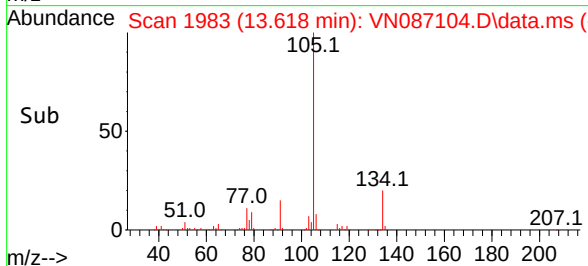
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBS01



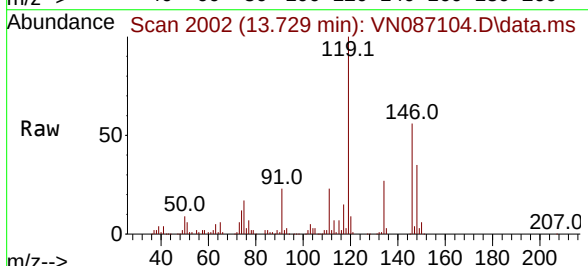
Tgt Ion:105 Resp: 174730
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

Manual Integrations
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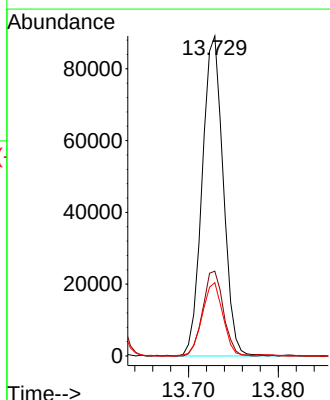
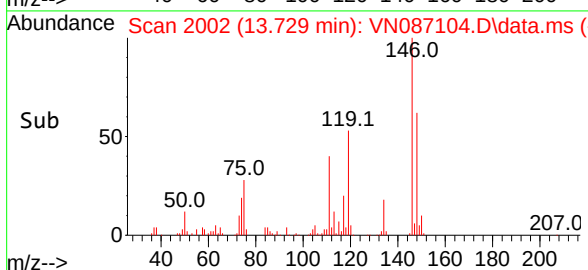
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

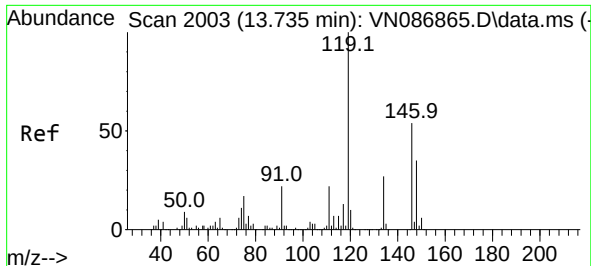


#86
 p-Isopropyltoluene
 Concen: 16.467 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087104.D
 Acq: 19 Jun 2025 12:22



Tgt Ion:119 Resp: 144675
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 22.7 11.5 34.4





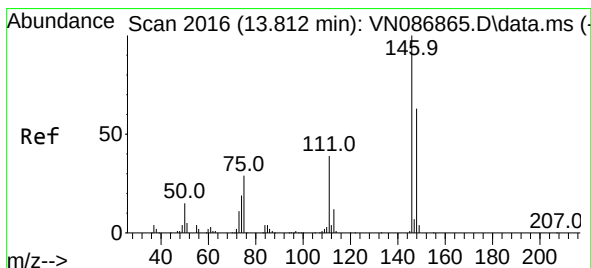
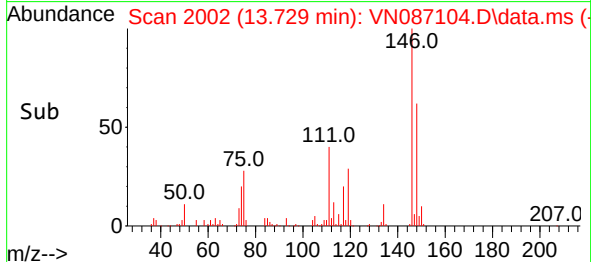
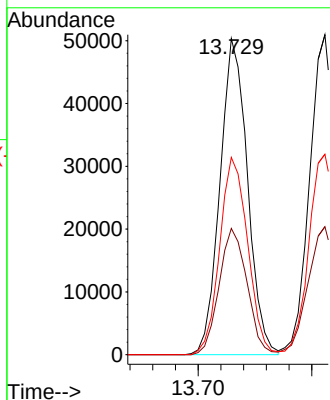
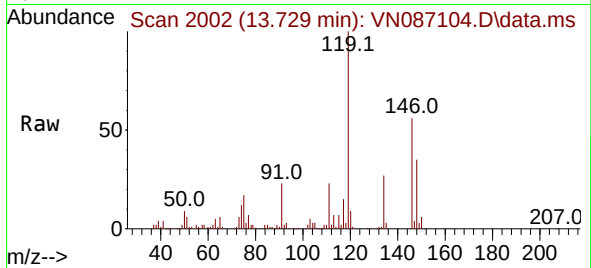
#87
1,3-Dichlorobenzene
Concen: 19.414 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01

Tgt Ion:146 Resp: 84829
Ion Ratio Lower Upper
146 100
111 40.5 20.9 62.8
148 63.4 32.0 96.2

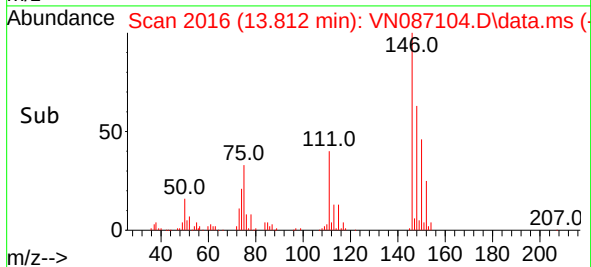
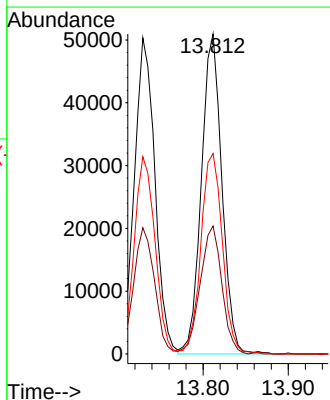
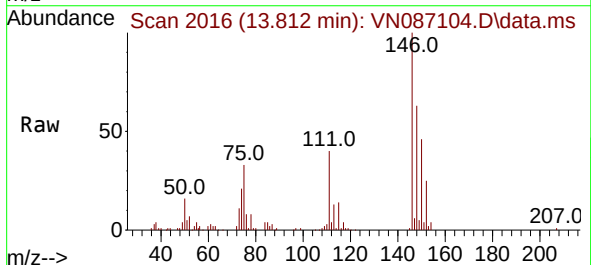
Manual Integrations
APPROVED

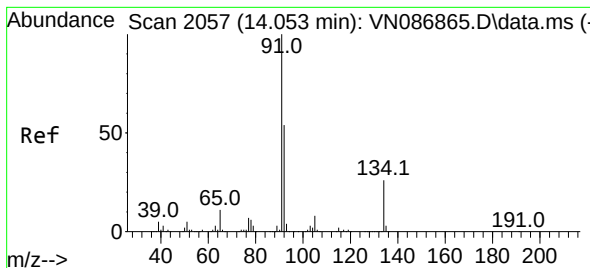
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#88
1,4-Dichlorobenzene
Concen: 19.170 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion:146 Resp: 85402
Ion Ratio Lower Upper
146 100
111 42.3 19.9 59.7
148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 15.056 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

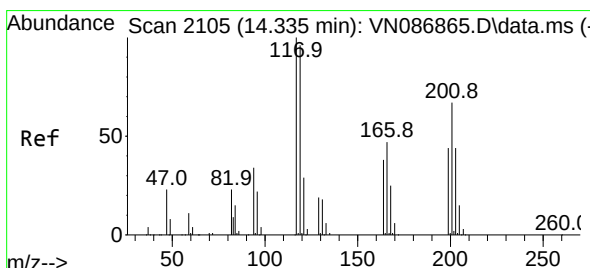
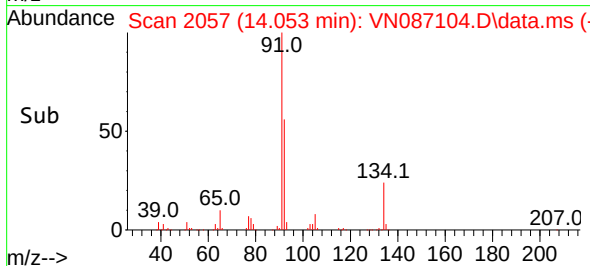
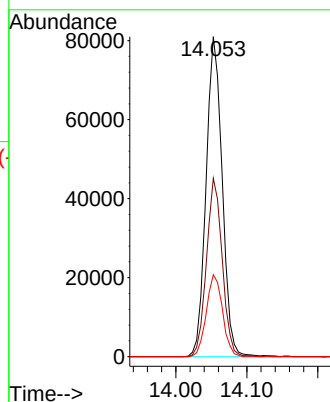
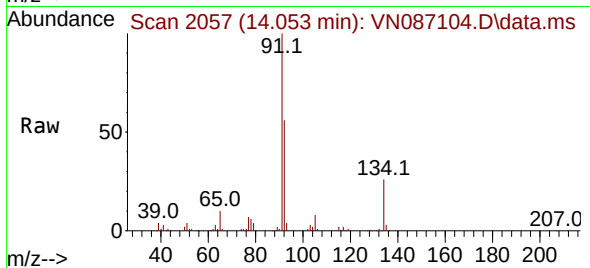
Tgt Ion:	91	Resp:	128130
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.4
134	25.7	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#90

Hexachloroethane

Concen: 17.650 ug/l

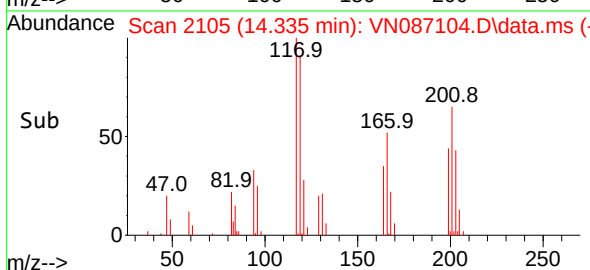
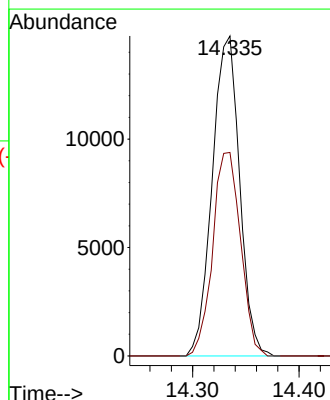
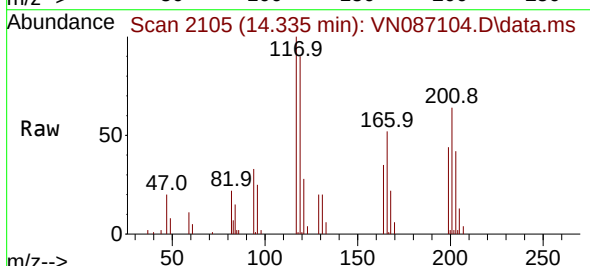
RT: 14.335 min Scan# 2105

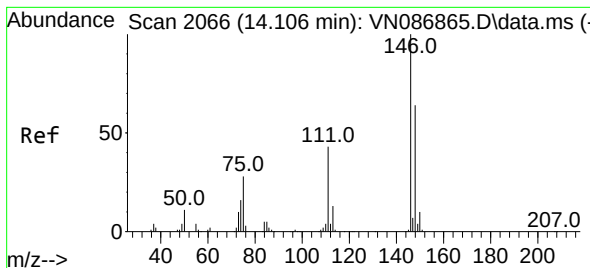
Delta R.T. -0.000 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

Tgt Ion:	117	Resp:	26285
Ion	Ratio	Lower	Upper
117	100		
201	64.8	33.2	99.6





#91

1,2-Dichlorobenzene

Concen: 18.954 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBS01

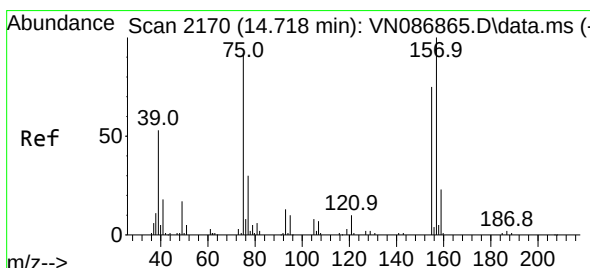
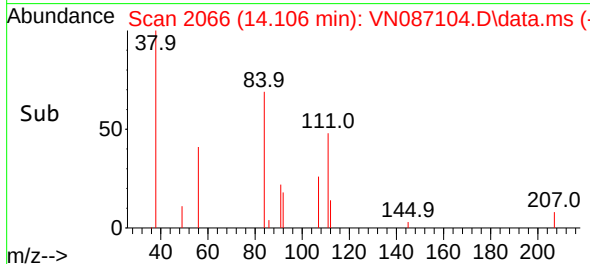
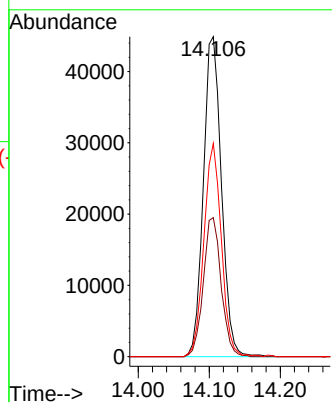
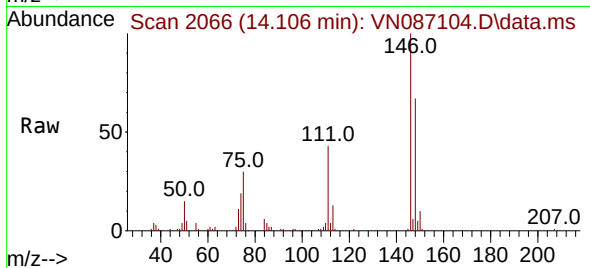
Tgt Ion:	146	Resp:	79570
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.6	64.6
148	64.3	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.070 ug/l

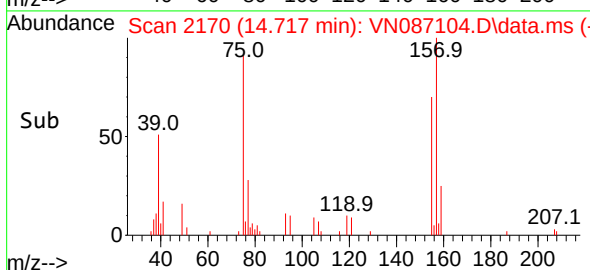
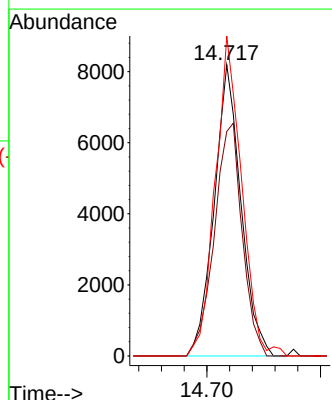
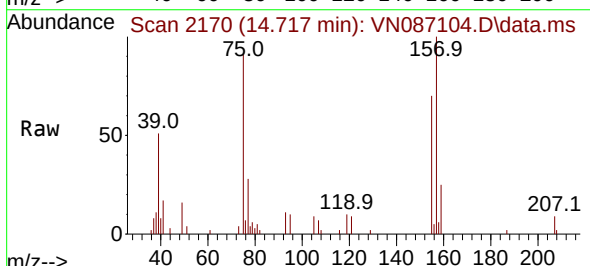
RT: 14.717 min Scan# 2170

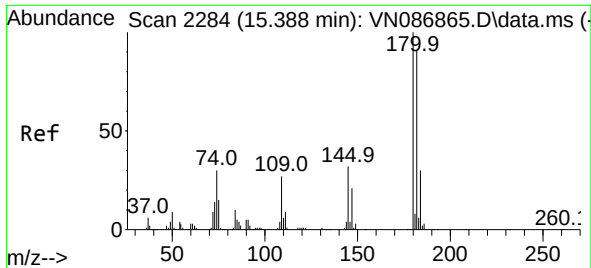
Delta R.T. -0.000 min

Lab File: VN087104.D

Acq: 19 Jun 2025 12:22

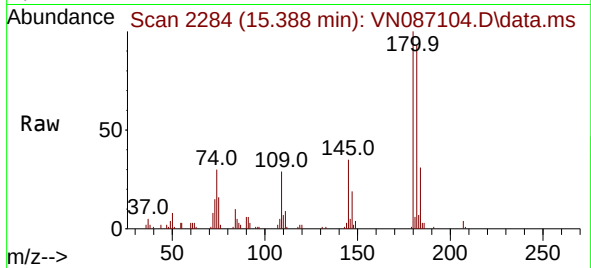
Tgt Ion:	75	Resp:	13393
Ion Ratio	Lower	Upper	
75	100		
155	83.0	41.1	123.4
157	108.4	52.7	158.1





#93
1,2,4-Trichlorobenzene
Concen: 15.961 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

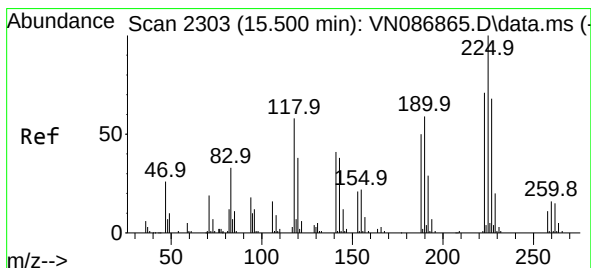
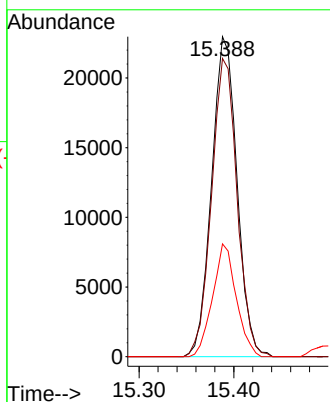
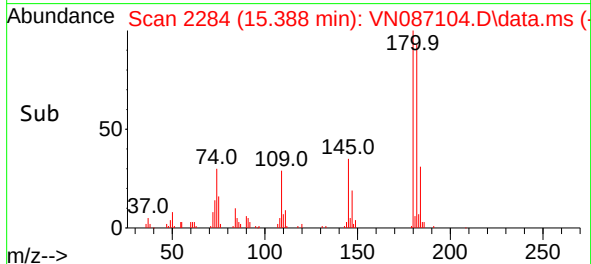
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



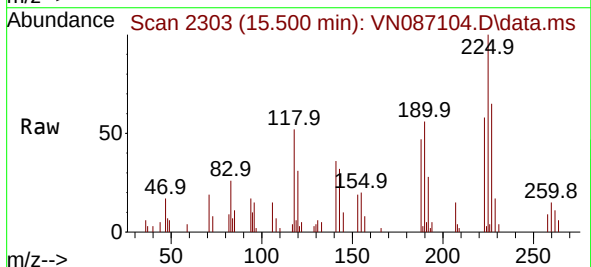
Tgt Ion:180 Resp: 42780
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.7
145 32.8 16.0 47.9

Manual Integrations
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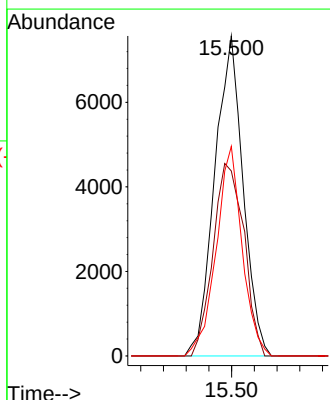
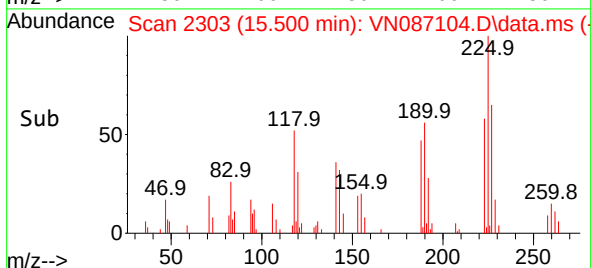
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

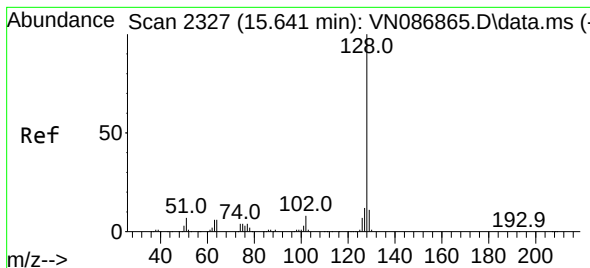


#94
Hexachlorobutadiene
Concen: 13.119 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22



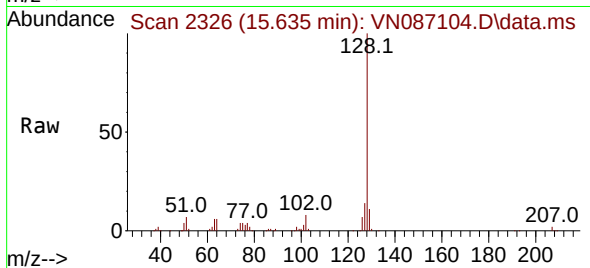
Tgt Ion:225 Resp: 13103
Ion Ratio Lower Upper
225 100
223 65.7 33.5 100.4
227 60.1 31.1 93.5





#95
Naphthalene
Concen: 16.368 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

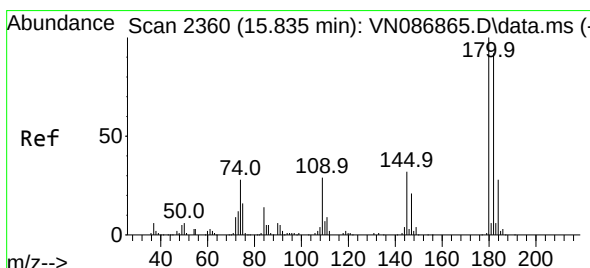
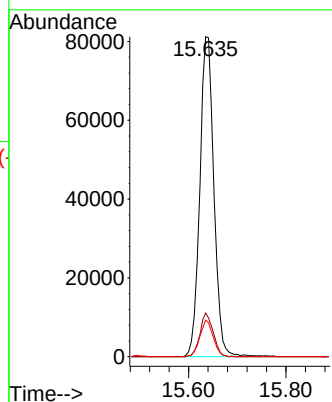
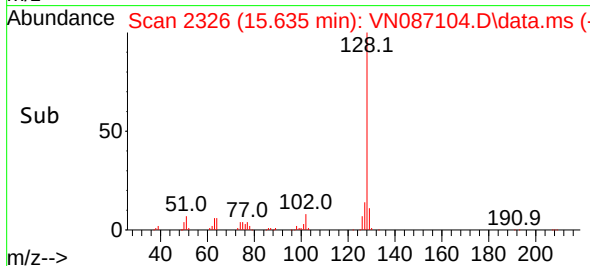
Instrument :
MSVOA_N
ClientSampleId :
VN0619WBS01



Tgt Ion:128 Resp: 163318
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.372 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087104.D
Acq: 19 Jun 2025 12:22

Tgt Ion:180 Resp: 40941
Ion Ratio Lower Upper
180 100
182 94.2 47.0 141.0
145 32.9 16.6 49.8

