

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
 Data File : VN087260.D
 Acq On : 03 Jul 2025 10:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2025
 Supervised By : Mahesh Dadoda 07/07/2025

Quant Time: Jul 04 01:26:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	241822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	212674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142673	47.009	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.020%		
35) Dibromofluoromethane	8.177	113	122291	48.314	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	10.565	98	462244	46.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.700%		
62) 4-Bromofluorobenzene	12.847	95	165497	47.145	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	123823	52.616	ug/l	99
3) Chloromethane	2.395	50	94768	49.592	ug/l	99
4) Vinyl Chloride	2.553	62	117593	50.053	ug/l	97
5) Bromomethane	2.983	94	93525	43.624	ug/l	96
6) Chloroethane	3.153	64	90597	48.684	ug/l	94
7) Trichlorofluoromethane	3.530	101	205322	50.365	ug/l	100
8) Diethyl Ether	3.983	74	66504	51.118	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	123977	52.380	ug/l	98
10) Methyl Iodide	4.612	142	119835	51.024	ug/l	97
11) Tert butyl alcohol	5.536	59	122630	221.703	ug/l	99
12) 1,1-Dichloroethene	4.365	96	113248	50.364	ug/l	95
13) Acrolein	4.200	56	145578	379.997	ug/l	97
14) Allyl chloride	5.047	41	135483	49.163	ug/l	97
15) Acrylonitrile	5.736	53	325410	236.310	ug/l	100
16) Acetone	4.441	43	296014	255.112	ug/l	99
17) Carbon Disulfide	4.741	76	322314	47.776	ug/l	97
18) Methyl Acetate	5.041	43	130970	49.305	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	388865	49.344	ug/l	97
20) Methylene Chloride	5.300	84	126043	49.036	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	130947	48.194	ug/l	96
22) Diisopropyl ether	6.683	45	322358	48.857	ug/l	98
23) Vinyl Acetate	6.618	43	1478093	242.229	ug/l	100
24) 1,1-Dichloroethane	6.583	63	214333	49.580	ug/l	97
25) 2-Butanone	7.488	43	439111	242.160	ug/l	99
26) 2,2-Dichloropropane	7.500	77	208056	50.295	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	154178	49.135	ug/l	99
28) Bromochloromethane	7.824	49	99570	52.182	ug/l	98
29) Tetrahydrofuran	7.847	42	282403	241.682	ug/l	99
30) Chloroform	7.971	83	238702	49.817	ug/l	94
31) Cyclohexane	8.265	56	189075	45.744	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	220212	49.349	ug/l	99
36) 1,1-Dichloropropene	8.377	75	169674	49.294	ug/l	99
37) Ethyl Acetate	7.571	43	172482	46.614	ug/l	100
38) Carbon Tetrachloride	8.371	117	203353	52.138	ug/l	98
39) Methylcyclohexane	9.606	83	201915	49.258	ug/l	97
40) Benzene	8.612	78	521090	48.865	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	84782	47.922	ug/l	98
42) 1,2-Dichloroethane	8.677	62	175243	49.415	ug/l	98
43) Isopropyl Acetate	8.688	43	275035	47.930	ug/l	99
44) Trichloroethene	9.353	130	138560	48.899	ug/l	96
45) 1,2-Dichloropropane	9.624	63	119125	51.235	ug/l	97
46) Dibromomethane	9.712	93	97742	49.415	ug/l	99
47) Bromodichloromethane	9.888	83	187813	49.786	ug/l	99
48) Methyl methacrylate	9.682	41	119521	49.420	ug/l	98
49) 1,4-Dioxane	9.700	88	47141	936.934	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	875395	249.333	ug/l	99
52) Toluene	10.629	92	349465	49.969	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	199122	49.213	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	210099	50.965	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	128319	48.570	ug/l	97
56) Ethyl methacrylate	10.876	69	186190	48.103	ug/l	100
57) 1,3-Dichloropropane	11.165	76	215165	49.900	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	476888	233.120	ug/l	99
59) 2-Hexanone	11.200	43	573527	228.051	ug/l	100
60) Dibromochloromethane	11.359	129	157653	50.622	ug/l	99
61) 1,2-Dibromoethane	11.470	107	141549	49.809	ug/l	99
64) Tetrachloroethene	11.106	164	123143	51.178	ug/l	98
65) Chlorobenzene	11.888	112	401268	49.554	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	141392	50.568	ug/l	99
67) Ethyl Benzene	11.965	91	661854	50.511	ug/l	98
68) m/p-Xylenes	12.070	106	557539	106.499	ug/l	97
69) o-Xylene	12.394	106	260984	53.293	ug/l	96
70) Styrene	12.412	104	449395	53.997	ug/l	100
71) Bromoform	12.576	173	114135	52.910	ug/l #	99
73) Isopropylbenzene	12.694	105	658568	48.059	ug/l	100
74) N-amyl acetate	12.517	43	161131	35.756	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	201266	44.652	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	174117m	43.043	ug/l	
77) Bromobenzene	12.976	156	171256	47.875	ug/l	97
78) n-propylbenzene	13.035	91	802210	48.464	ug/l	100
79) 2-Chlorotoluene	13.123	91	465158	47.218	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	568409	49.625	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	73821	42.865	ug/l	91
82) 4-Chlorotoluene	13.217	91	488403	47.361	ug/l	99
83) tert-Butylbenzene	13.435	119	487399	48.569	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	582698	50.784	ug/l	99
85) sec-Butylbenzene	13.611	105	711265	50.002	ug/l	100
86) p-Isopropyltoluene	13.729	119	621707	50.847	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	356334	50.020	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	351068	47.197	ug/l	100
89) n-Butylbenzene	14.053	91	523583	48.636	ug/l	99
90) Hexachloroethane	14.329	117	106516	47.064	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	326000	48.931	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46431	42.864	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	180085	45.709	ug/l	98
94) Hexachlorobutadiene	15.494	225	51708	41.316	ug/l	97
95) Naphthalene	15.635	128	619507	45.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	178567	46.522	ug/l	99

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Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

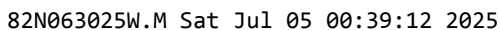
Quant Time: Jul 04 01:26:22 2025
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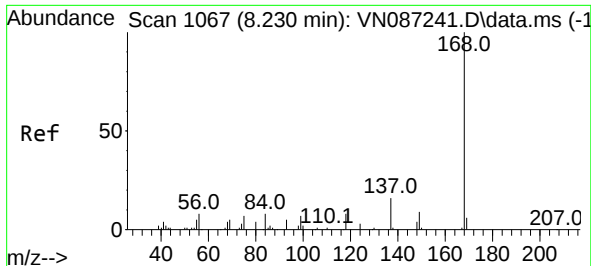
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

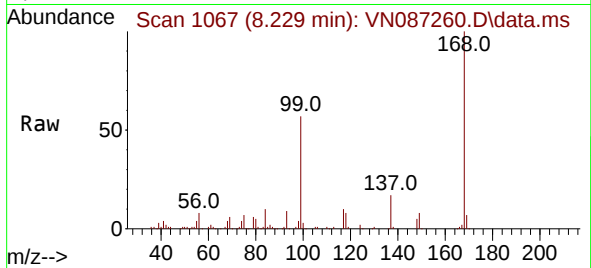
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

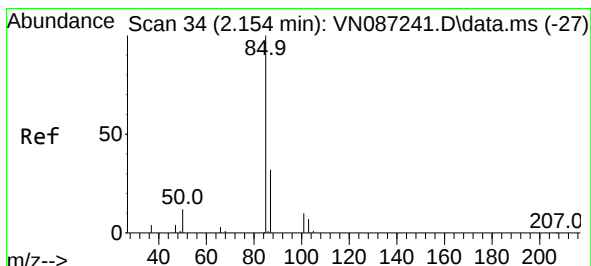
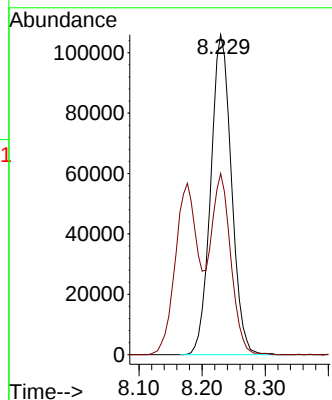
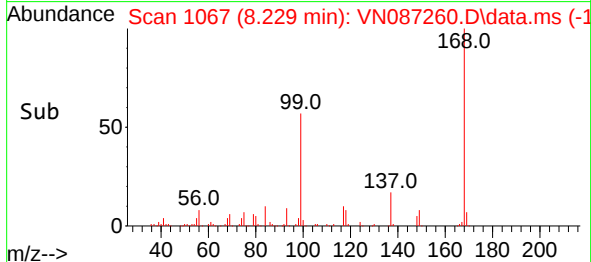
Instrument :
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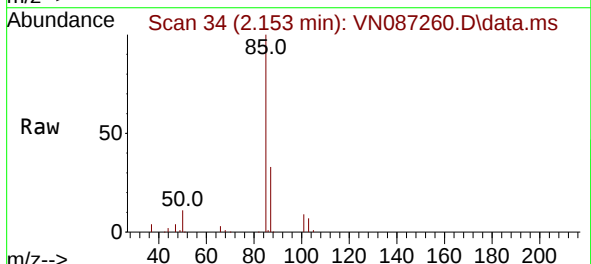
Tgt Ion:168 Resp: 24182
Ion Ratio Lower Upper
168 100
99 56.6 42.6 64.0

Manual Integrations
APPROVED

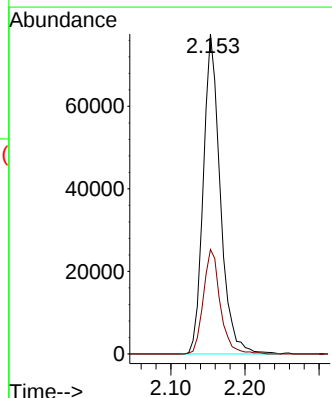
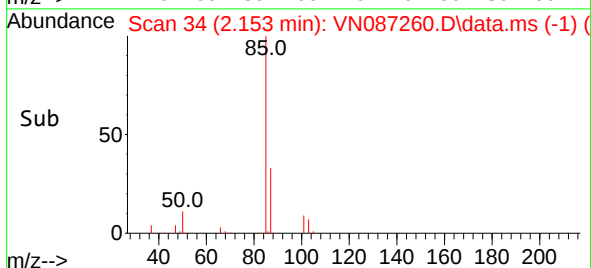
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

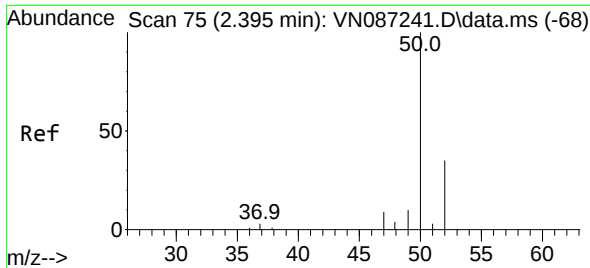


#2
Dichlorodifluoromethane
Concen: 52.616 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



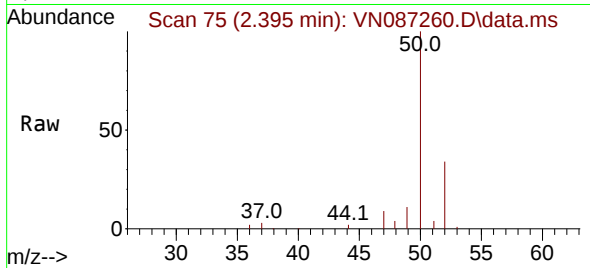
Tgt Ion: 85 Resp: 123823
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.3





#3
Chloromethane
Concen: 49.592 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

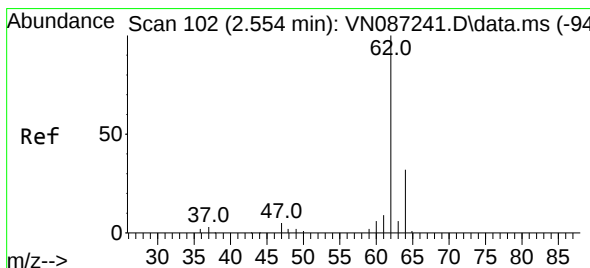
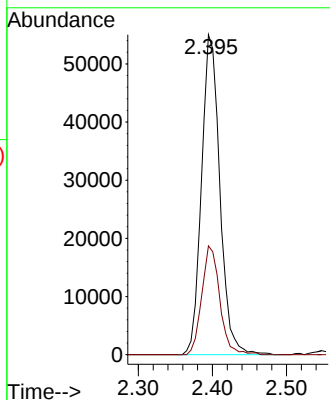
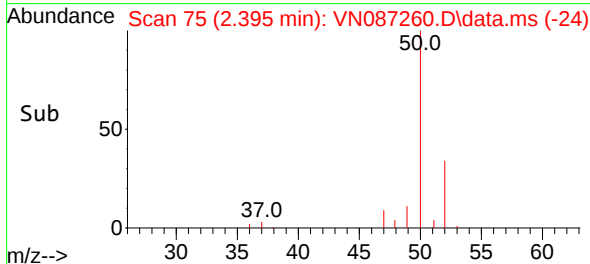
Instrument :
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Tgt Ion: 50 Resp: 94768
Ion Ratio Lower Upper
50 100
52 34.0 27.8 41.8

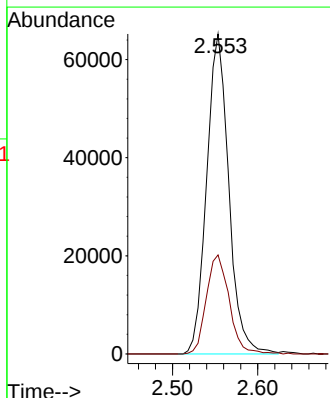
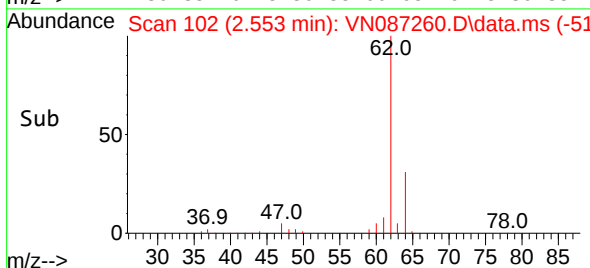
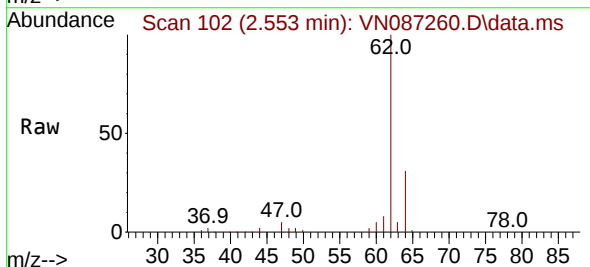
Manual Integrations
APPROVED

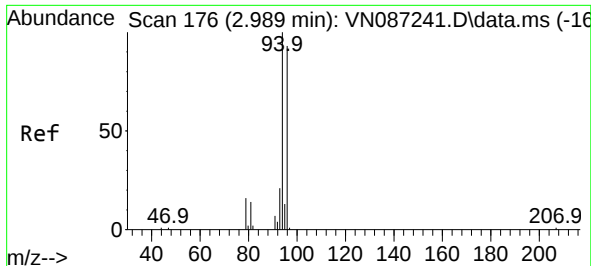
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#4
Vinyl Chloride
Concen: 50.053 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

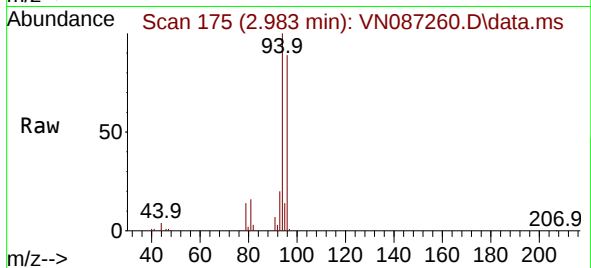
Tgt Ion: 62 Resp: 117593
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





#5
Bromomethane
Concen: 43.624 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

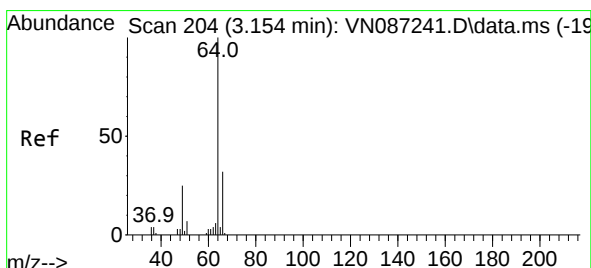
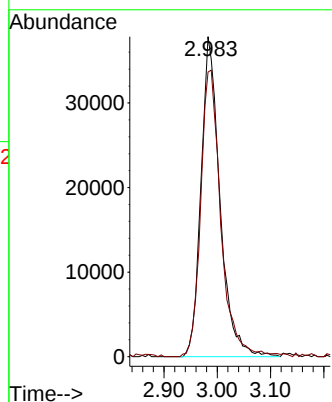
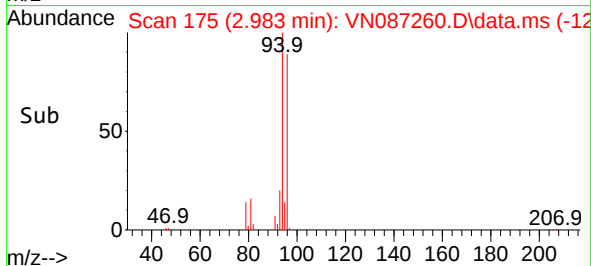
Instrument :
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Tgt Ion: 94 Resp: 9352
Ion Ratio Lower Upper
94 100
96 88.9 74.3 111.5

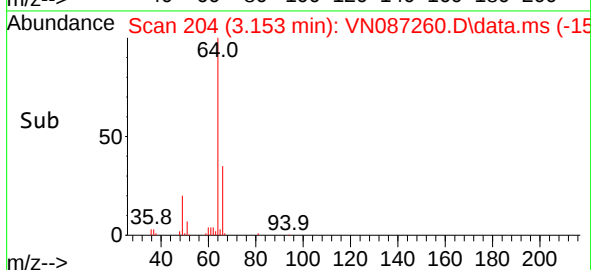
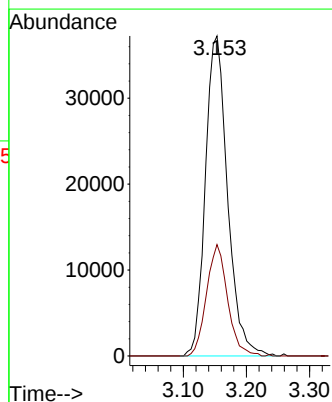
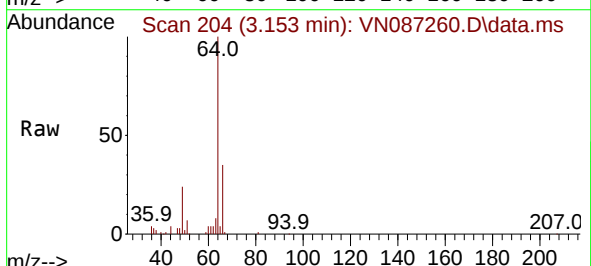
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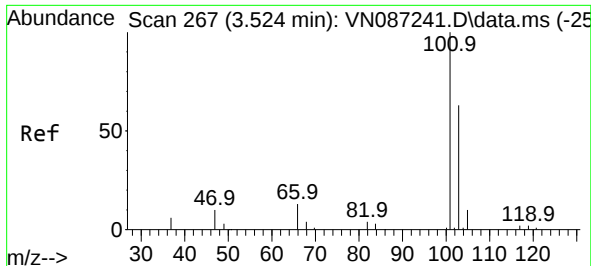
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#6
Chloroethane
Concen: 48.684 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

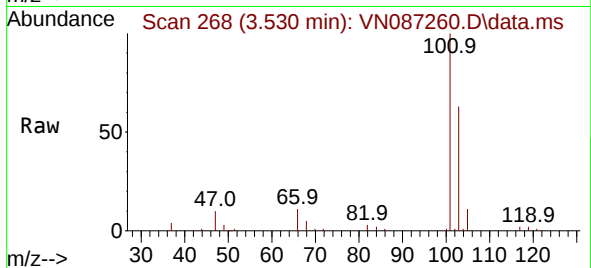
Tgt Ion: 64 Resp: 90597
Ion Ratio Lower Upper
64 100
66 34.8 25.3 37.9





#7
 Trichlorofluoromethane
 Concen: 50.365 ug/l
 RT: 3.530 min Scan# 20532
 Delta R.T. 0.006 min
 Lab File: VN087260.D
 Acq: 03 Jul 2025 10:50

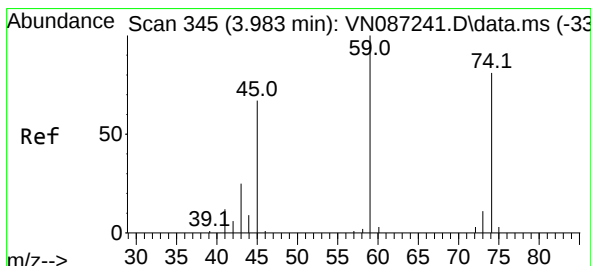
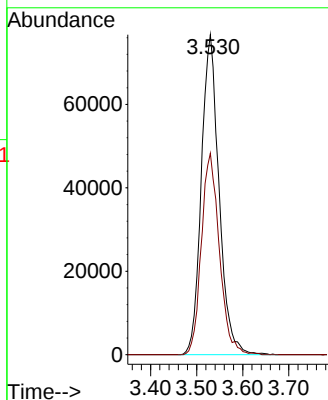
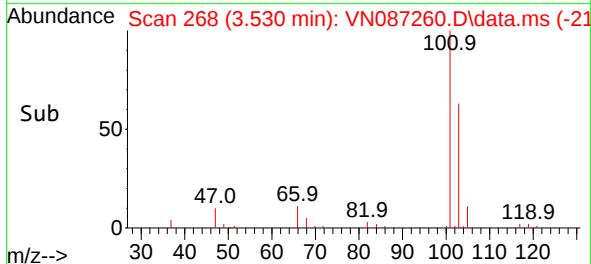
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 20532
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.5 75.7

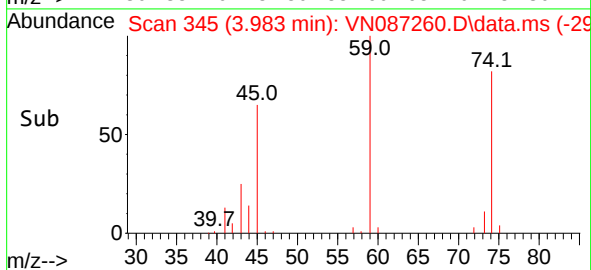
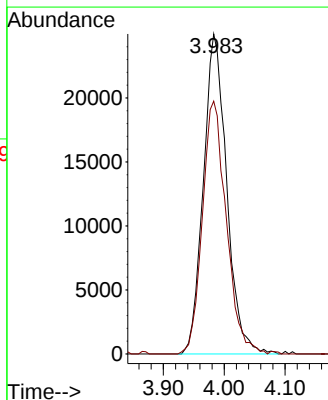
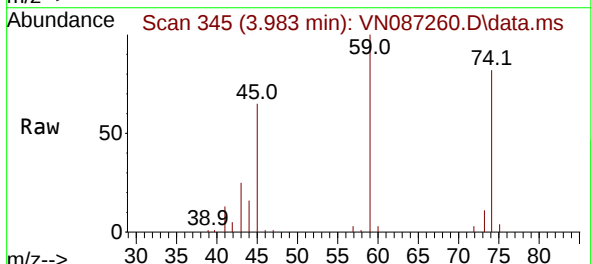
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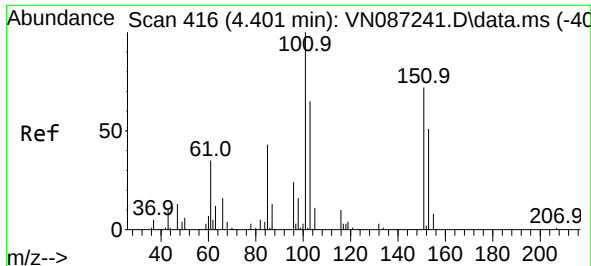
Reviewed By :John Carlone 07/07/2025
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#8
 Diethyl Ether
 Concen: 51.118 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087260.D
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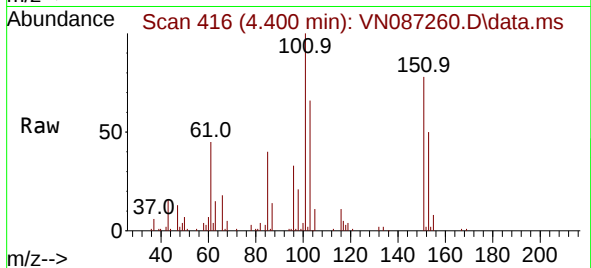
Tgt Ion: 74 Resp: 66504
 Ion Ratio Lower Upper
 74 100
 45 81.1 39.4 118.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.380 ug/l
RT: 4.400 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

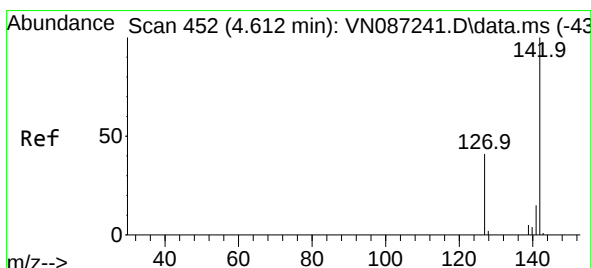
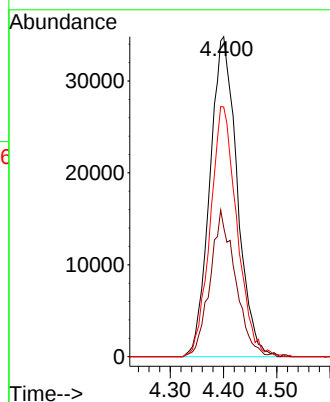
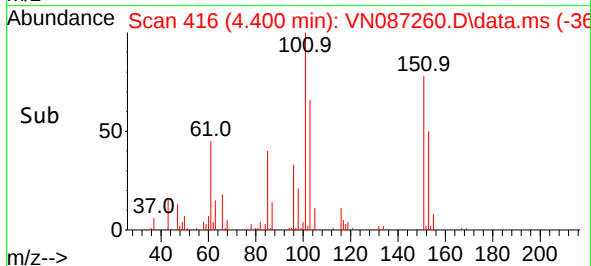
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 12397
Ion Ratio Lower Upper
101 100
85 42.5 34.4 51.6
151 76.8 63.8 95.8

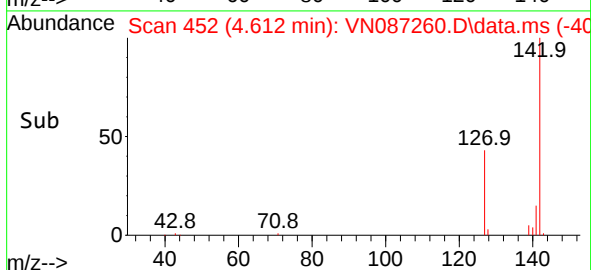
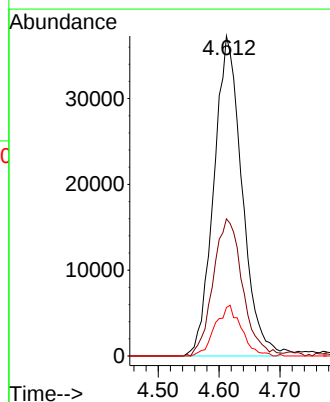
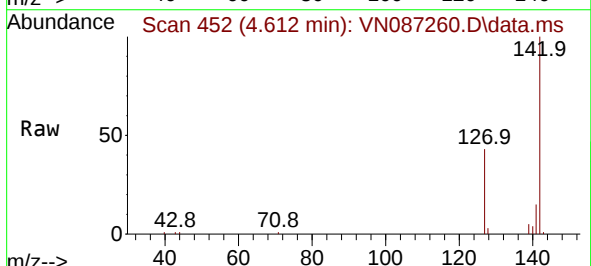
Manual Integrations
APPROVED

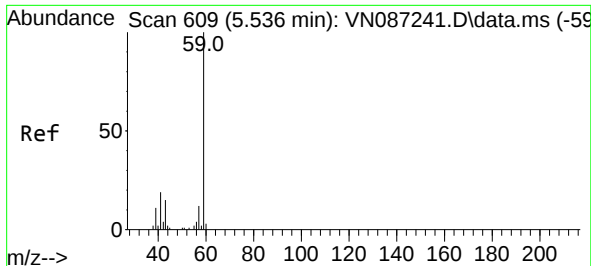
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#10
Methyl Iodide
Concen: 51.024 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

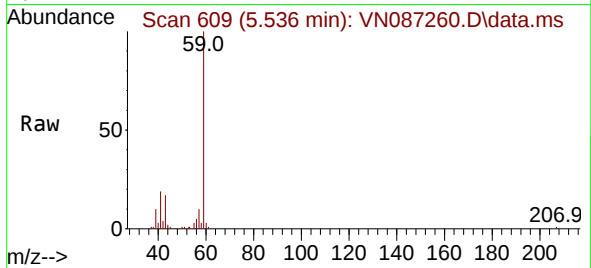
Tgt Ion:142 Resp: 119835
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 15.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 221.703 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

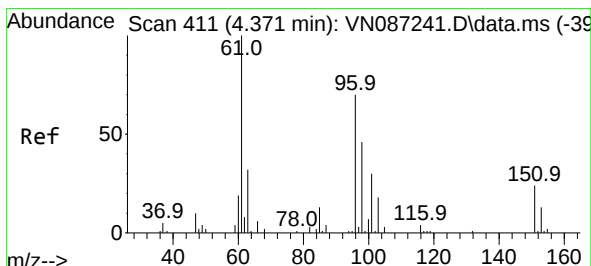
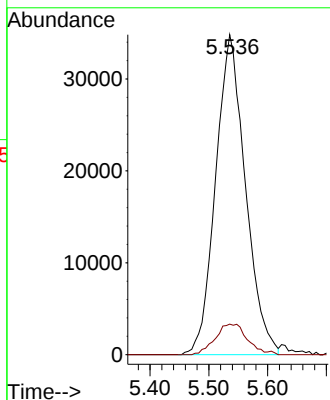
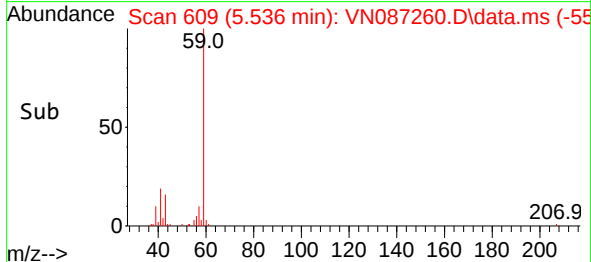
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



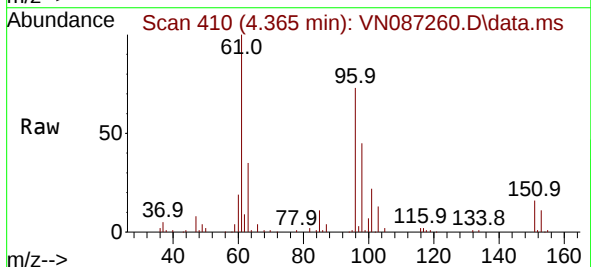
Tgt Ion: 59 Resp: 122630
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
APPROVED

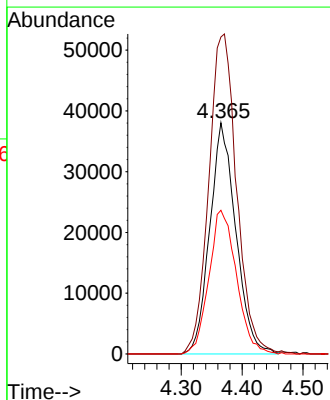
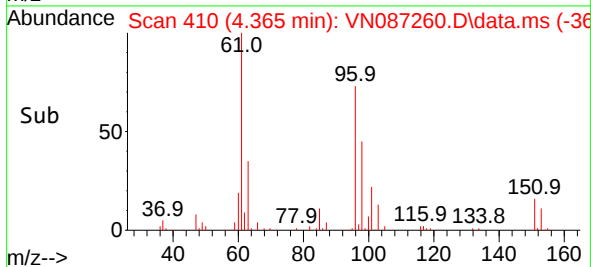
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

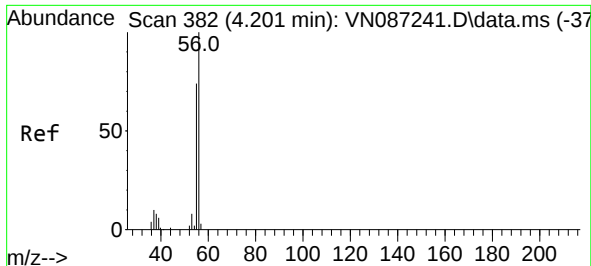


#12
1,1-Dichloroethene
Concen: 50.364 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



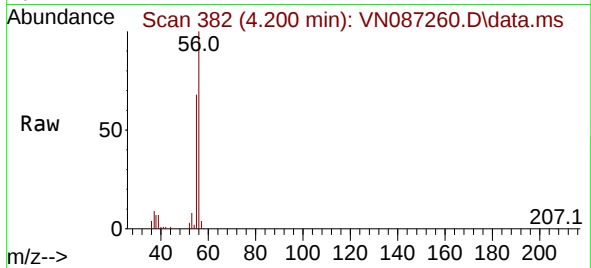
Tgt Ion: 96 Resp: 113248
Ion Ratio Lower Upper
96 100
61 137.2 114.4 171.6
98 62.2 53.0 79.6





#13
Acrolein
Concen: 379.997 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

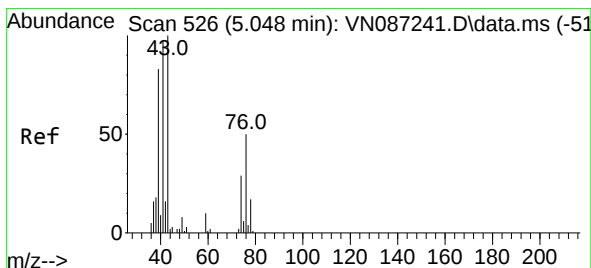
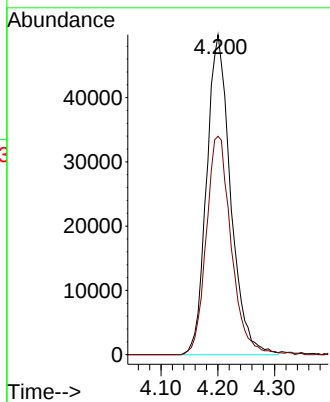
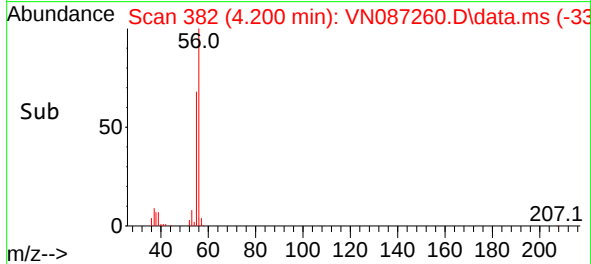
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



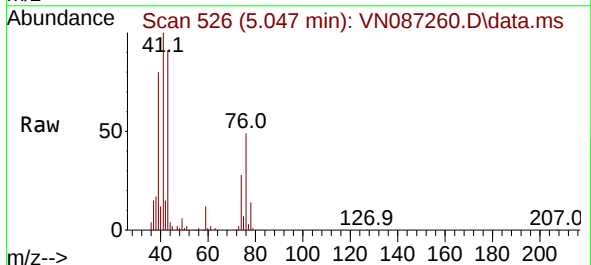
Tgt Ion: 56 Resp: 145578
Ion Ratio Lower Upper
56 100
55 71.1 58.6 88.0

Manual Integrations
APPROVED

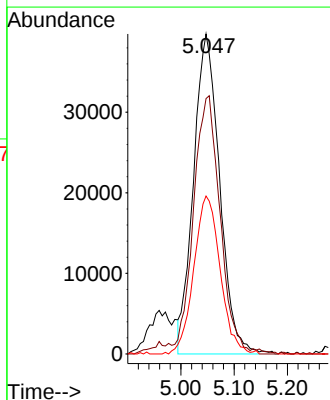
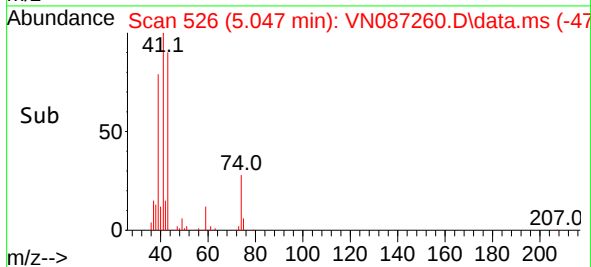
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

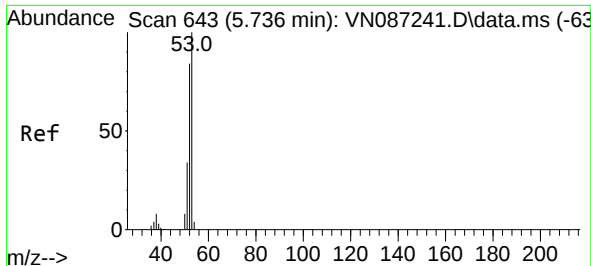


#14
Allyl chloride
Concen: 49.163 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



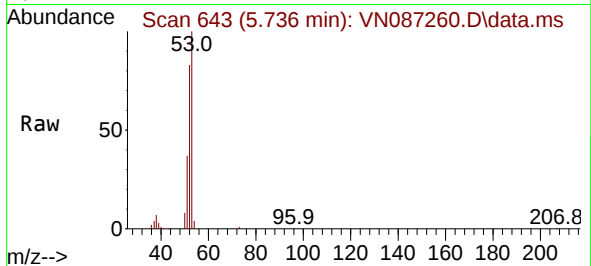
Tgt Ion: 41 Resp: 135483
Ion Ratio Lower Upper
41 100
39 80.1 66.3 99.5
76 49.8 38.6 58.0





#15
Acrylonitrile
Concen: 236.310 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

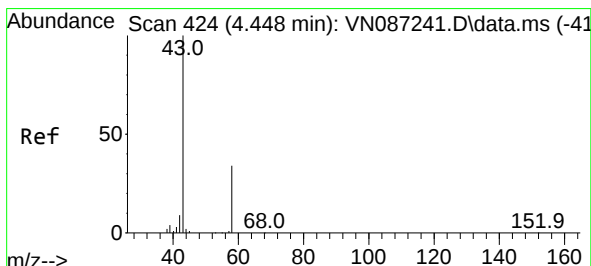
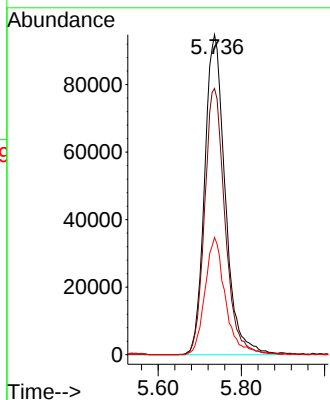
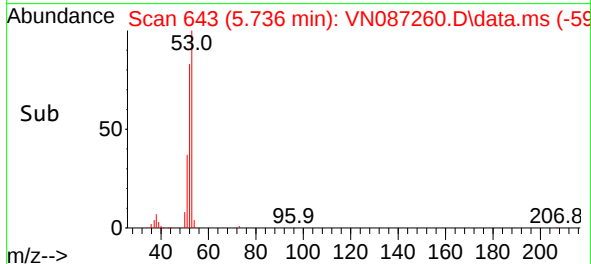
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



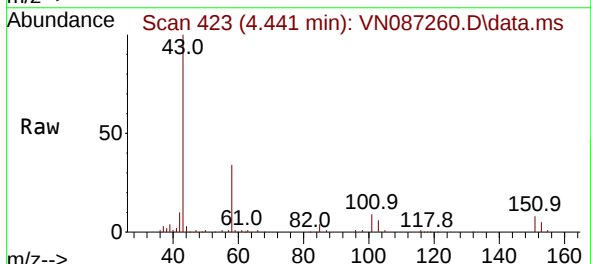
Tgt Ion: 53 Resp: 325410
Ion Ratio Lower Upper
53 100
52 82.8 66.5 99.7
51 36.6 29.1 43.7

Manual Integrations
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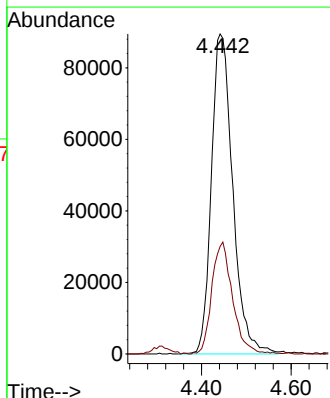
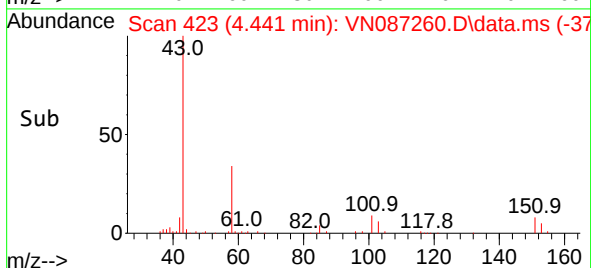
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

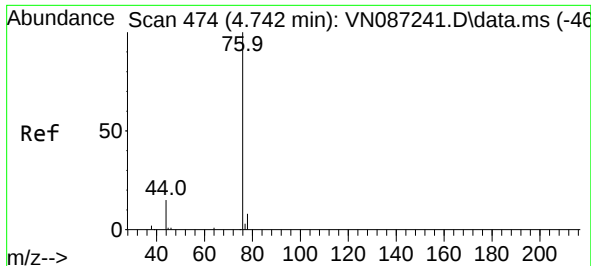


#16
Acetone
Concen: 255.112 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



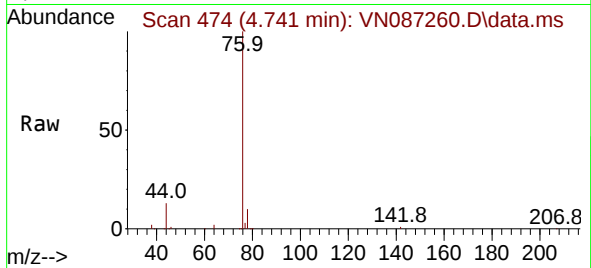
Tgt Ion: 43 Resp: 296014
Ion Ratio Lower Upper
43 100
58 33.4 27.1 40.7





#17
Carbon Disulfide
Concen: 47.776 ug/l
RT: 4.741 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

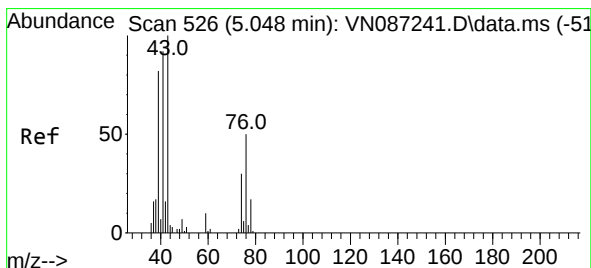
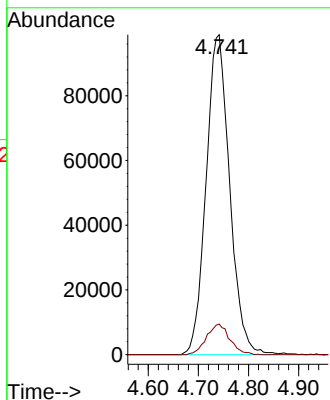
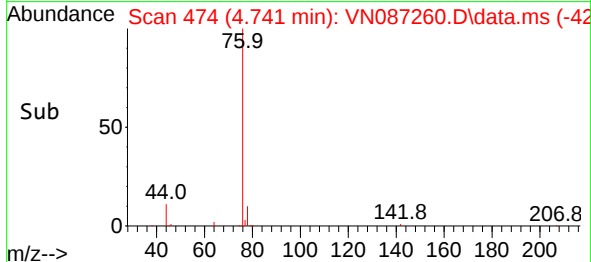
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



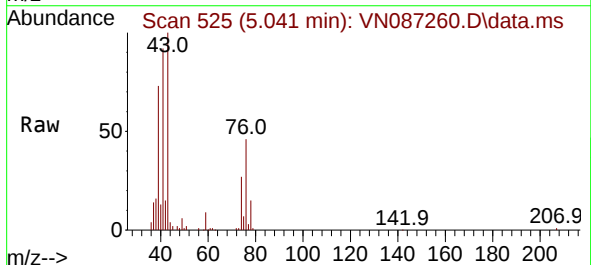
Tgt Ion: 76 Resp: 322314
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

Manual Integrations
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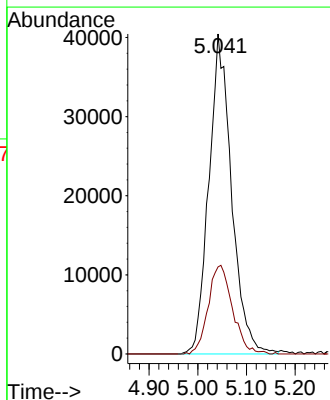
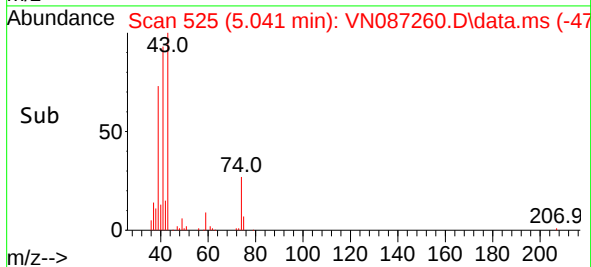
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

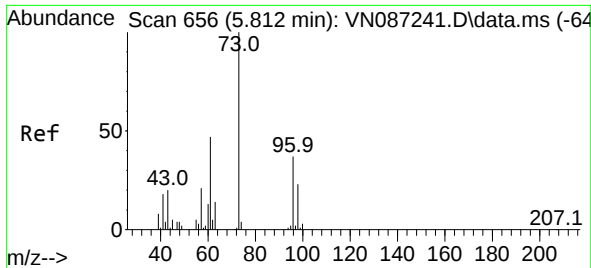


#18
Methyl Acetate
Concen: 49.305 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



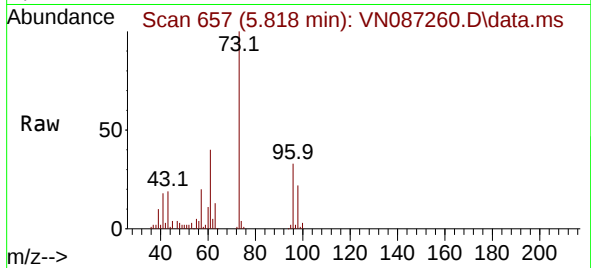
Tgt Ion: 43 Resp: 130970
Ion Ratio Lower Upper
43 100
74 29.6 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 49.344 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

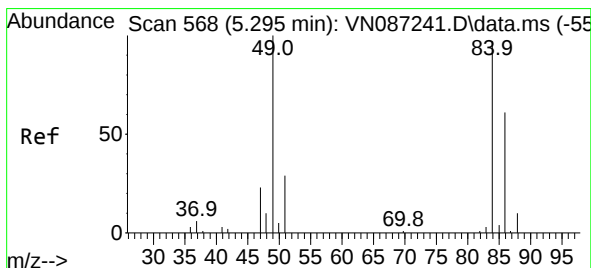
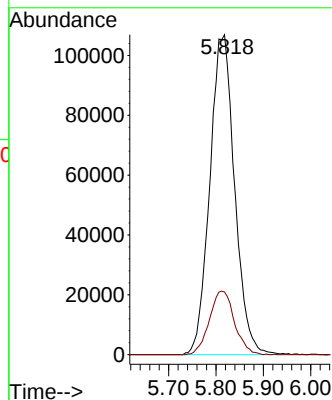
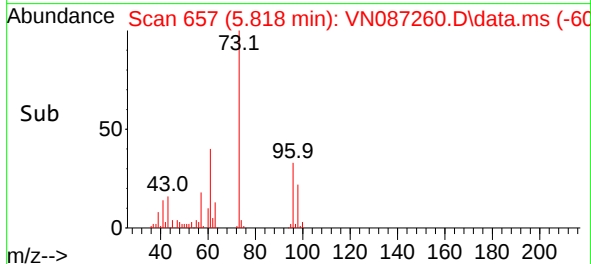
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 38886
Ion Ratio Lower Upper
73 100
57 19.6 16.7 25.1

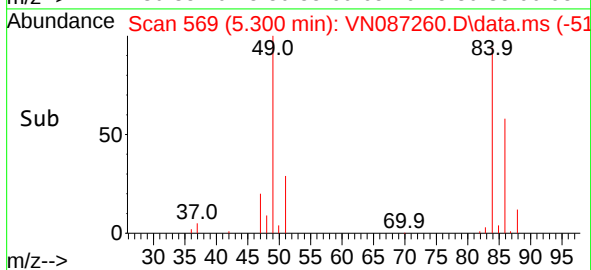
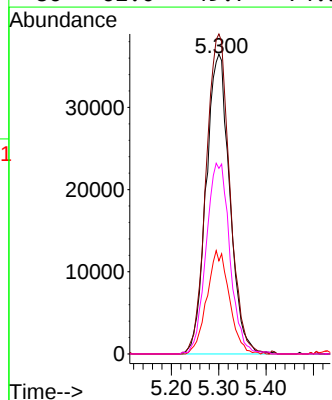
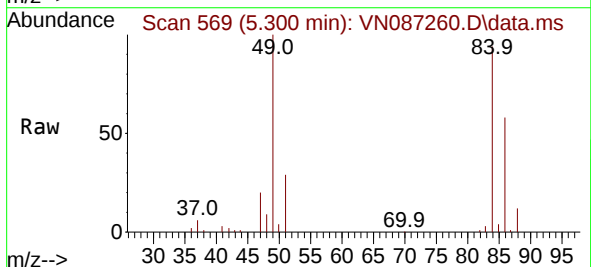
Manual Integrations
APPROVED

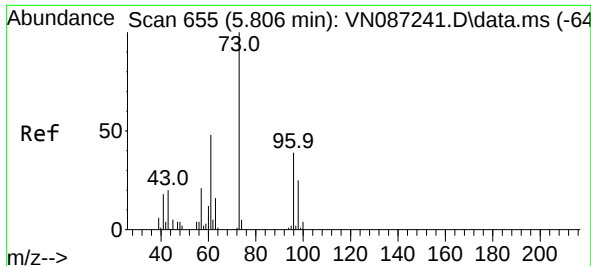
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#20
Methylene Chloride
Concen: 49.036 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

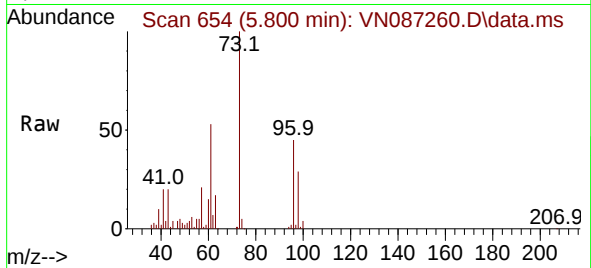
Tgt Ion: 84 Resp: 126043
Ion Ratio Lower Upper
84 100
49 106.8 82.1 123.1
51 31.1 23.5 35.3
86 62.0 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 48.194 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

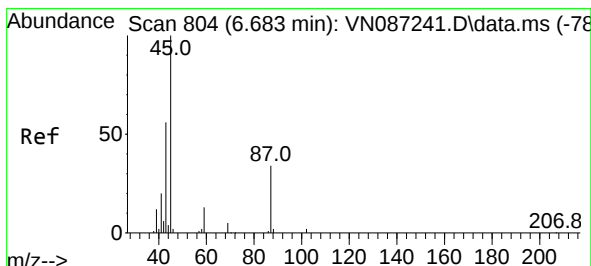
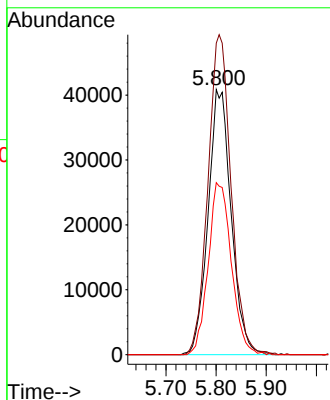
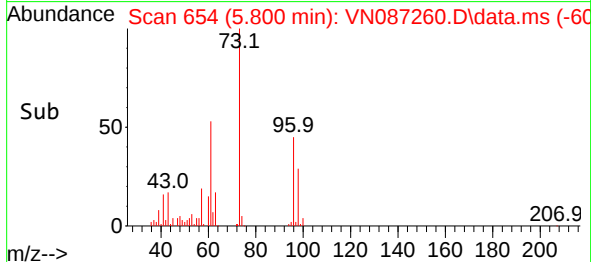
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



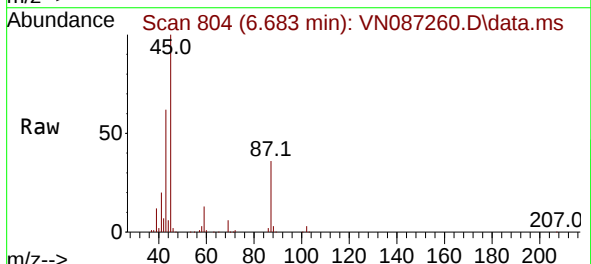
Tgt Ion: 96 Resp: 13094
Ion Ratio Lower Upper
96 100
61 117.5 98.2 147.2
98 64.9 50.0 75.0

Manual Integrations
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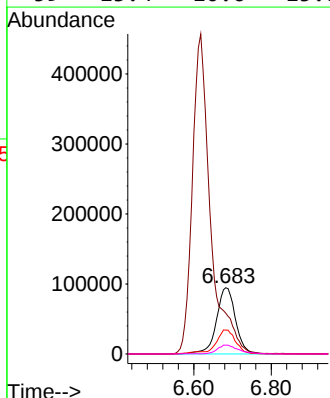
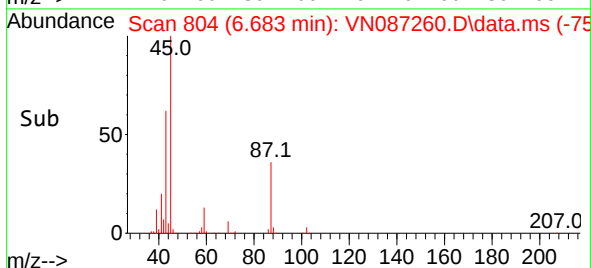
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

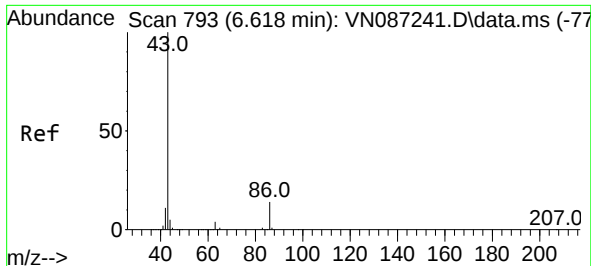


#22
Diisopropyl ether
Concen: 48.857 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



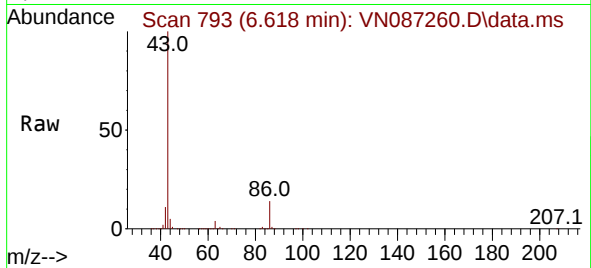
Tgt Ion: 45 Resp: 322358
Ion Ratio Lower Upper
45 100
43 60.7 50.1 75.1
87 35.7 27.5 41.3
59 13.4 10.6 15.8





#23
 Vinyl Acetate
 Concen: 242.229 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087260.D
 Acq: 03 Jul 2025 10:50

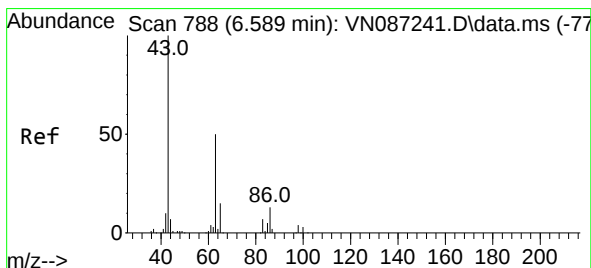
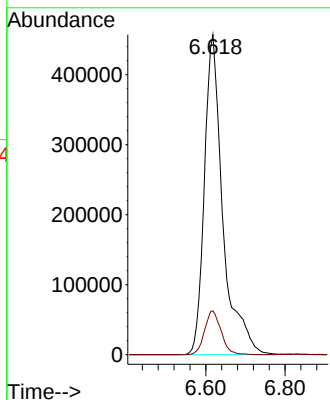
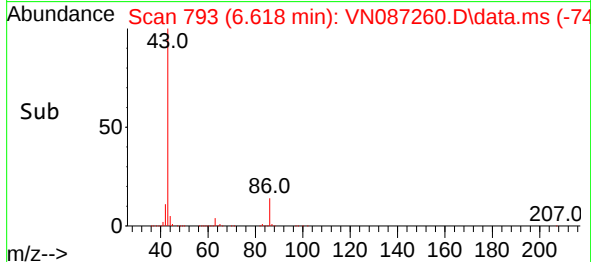
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 147809
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.0 16.4

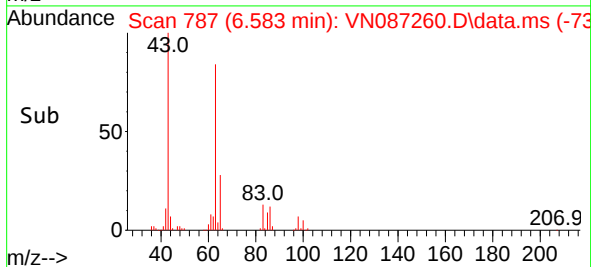
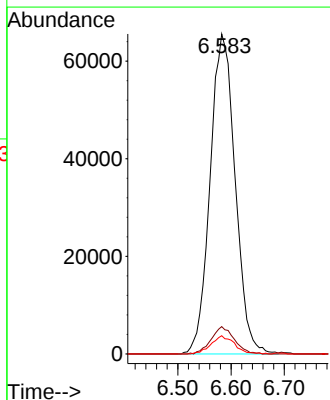
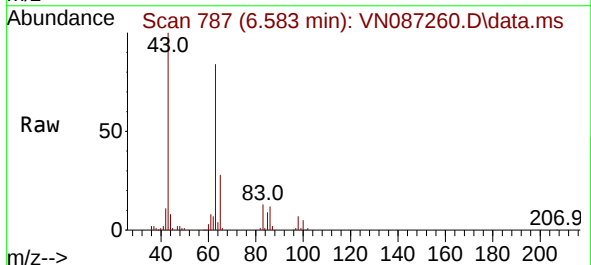
Manual Integrations
 APPROVED

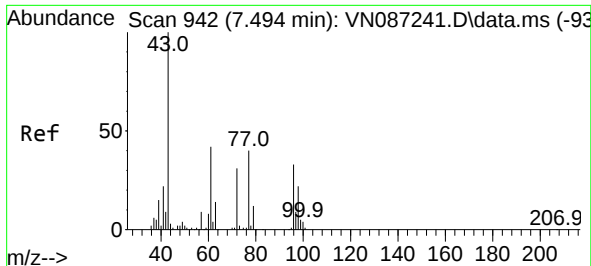
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025



#24
 1,1-Dichloroethane
 Concen: 49.580 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087260.D
 Acq: 03 Jul 2025 10:50

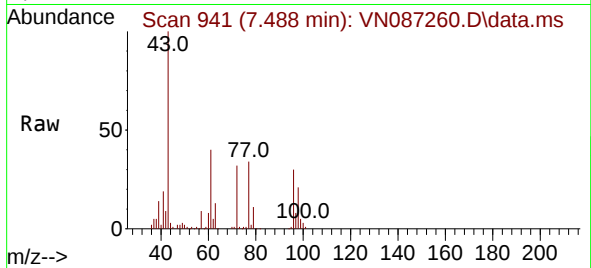
Tgt Ion: 63 Resp: 214333
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.6
 100 5.7 2.7 8.1





#25
2-Butanone
Concen: 242.160 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

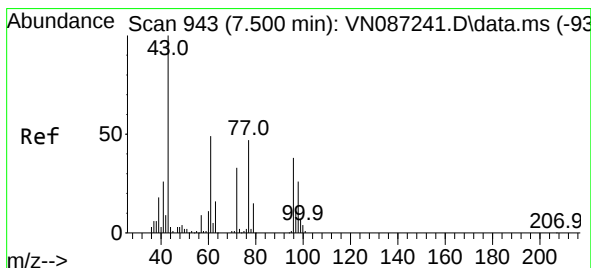
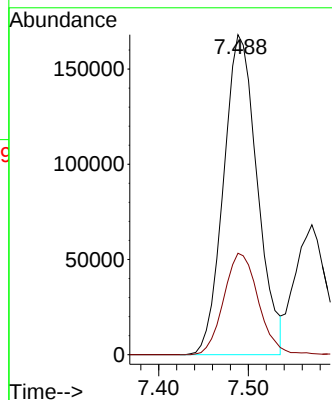
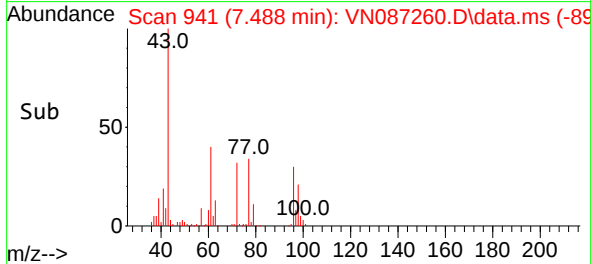
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



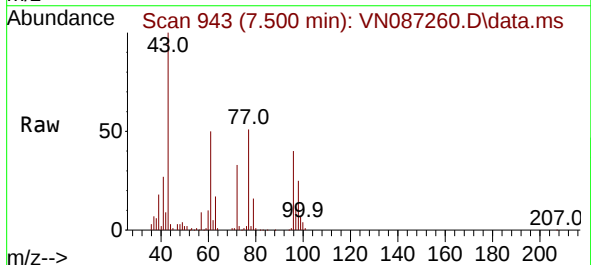
Tgt Ion: 43 Resp: 43911
Ion Ratio Lower Upper
43 100
72 31.7 24.8 37.2

Manual Integrations
APPROVED

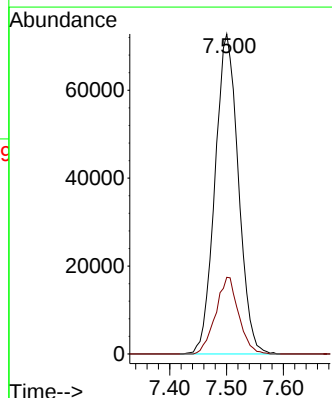
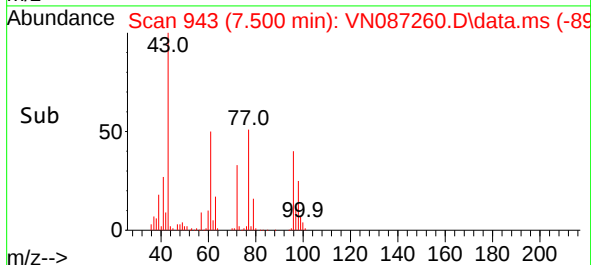
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

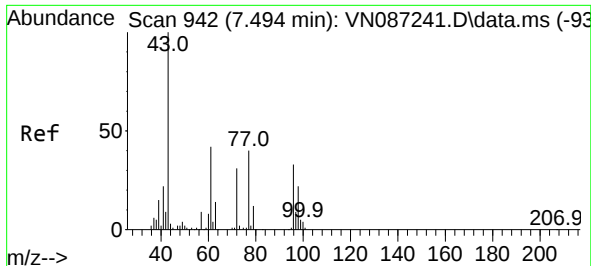


#26
2,2-Dichloropropane
Concen: 50.295 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



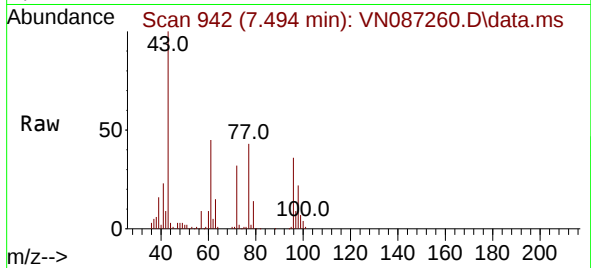
Tgt Ion: 77 Resp: 208056
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27
cis-1,2-Dichloroethene
Concen: 49.135 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

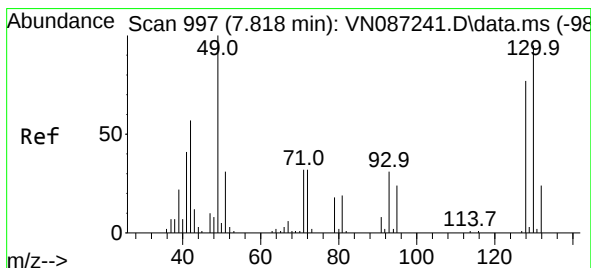
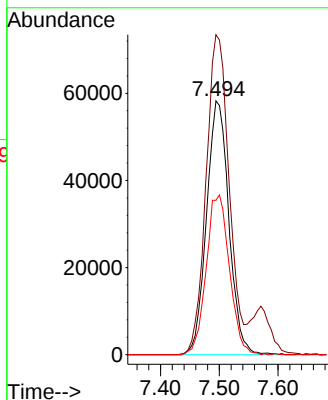
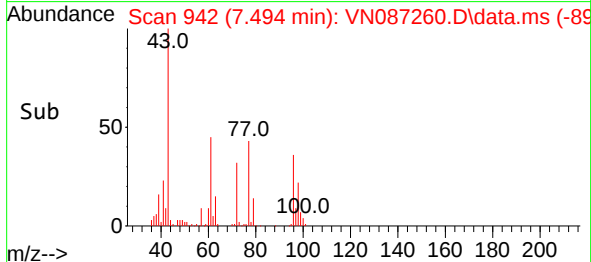
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 154178
Ion Ratio Lower Upper
96 100
61 130.5 0.0 258.8
98 65.4 0.0 130.8

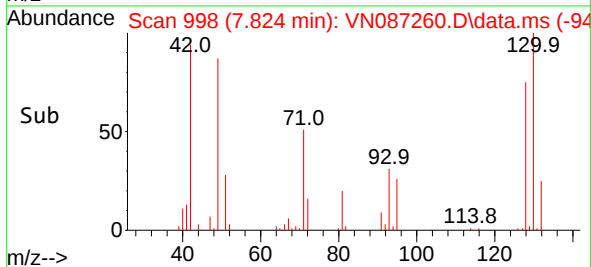
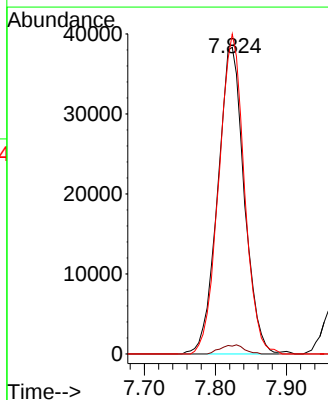
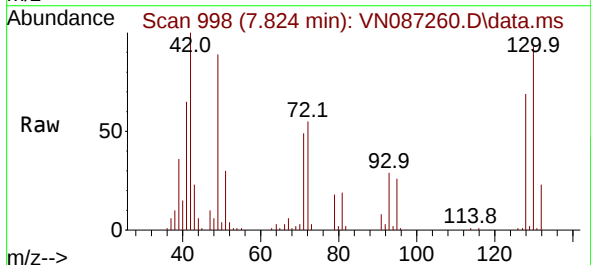
Manual Integrations
APPROVED

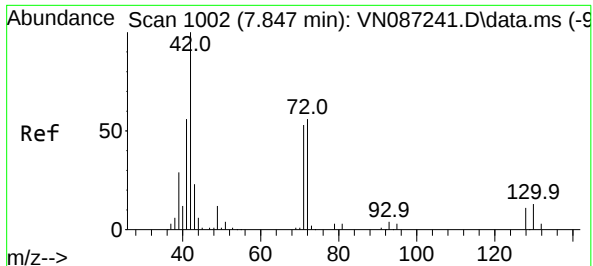
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#28
Bromochloromethane
Concen: 52.182 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Tgt Ion: 49 Resp: 99570
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 100.1 78.4 117.6





#29

Tetrahydrofuran

Concen: 241.682 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087260.D

Acq: 03 Jul 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 28240

Ion Ratio Lower Upper

42 100

72 54.7 44.2 66.4

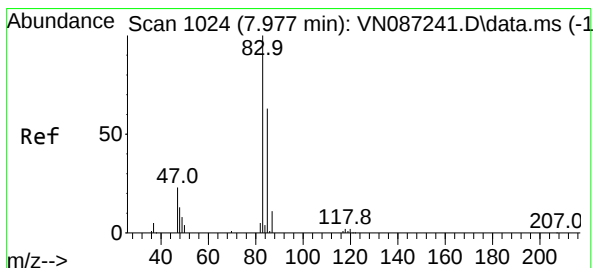
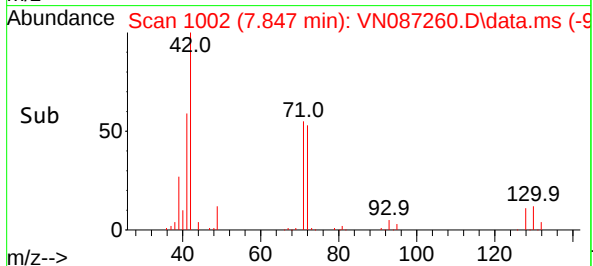
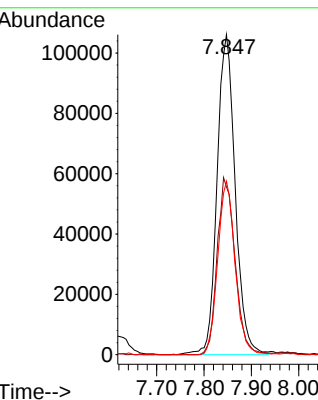
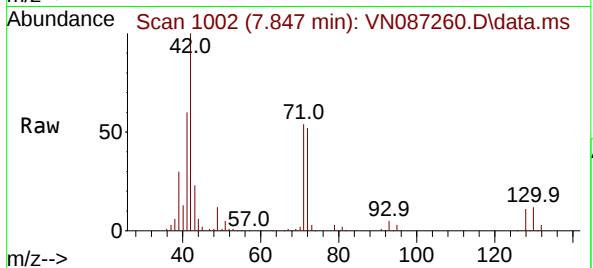
71 51.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#30

Chloroform

Concen: 49.817 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN087260.D

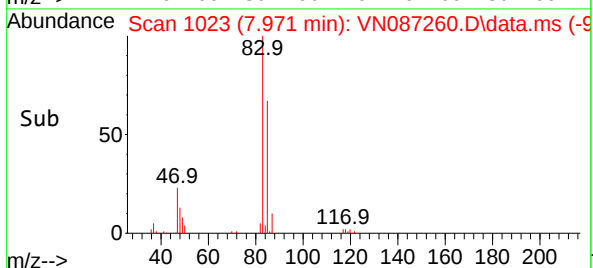
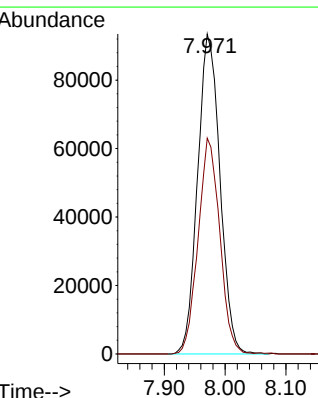
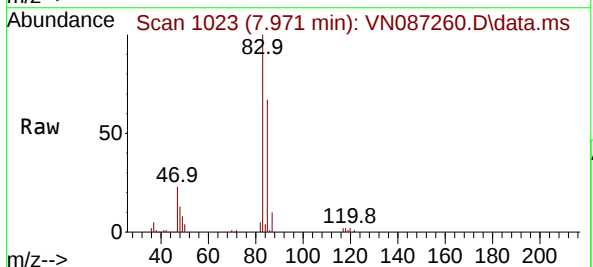
Acq: 03 Jul 2025 10:50

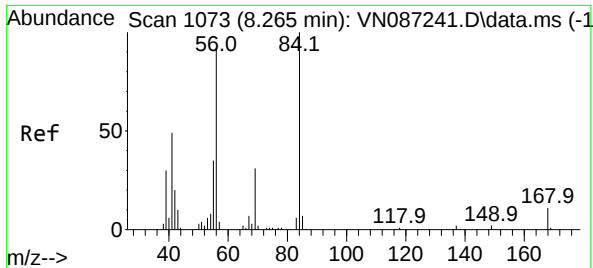
Tgt Ion: 83 Resp: 238702

Ion Ratio Lower Upper

83 100

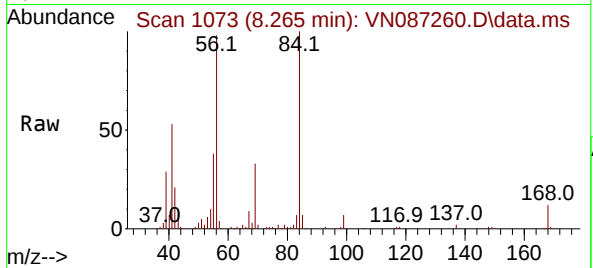
85 67.5 50.3 75.5





#31
Cyclohexane
Concen: 45.744 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

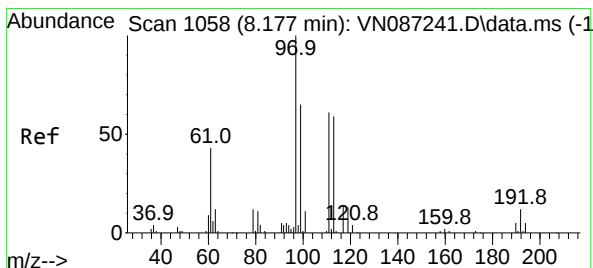
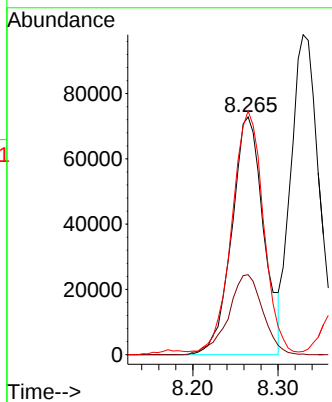
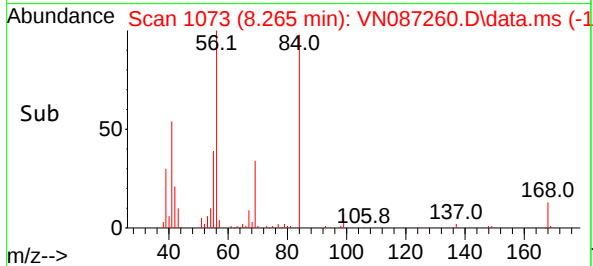
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 18907
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.6
84 100.7 86.2 129.4

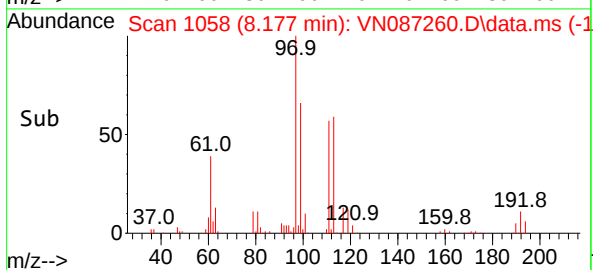
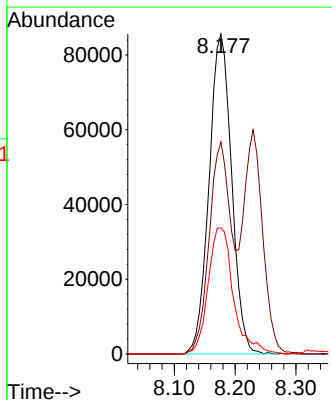
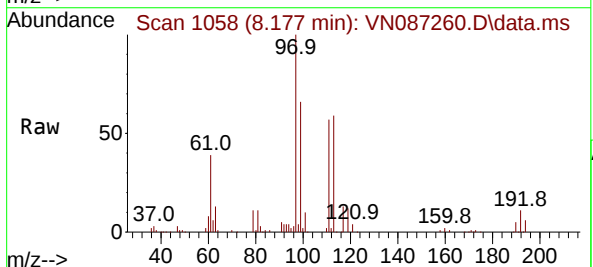
Manual Integrations
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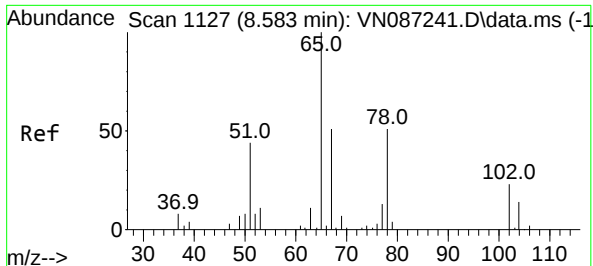
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#32
1,1,1-Trichloroethane
Concen: 49.349 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Tgt Ion: 97 Resp: 220212
Ion Ratio Lower Upper
97 100
99 62.9 49.5 74.3
61 44.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 47.009 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

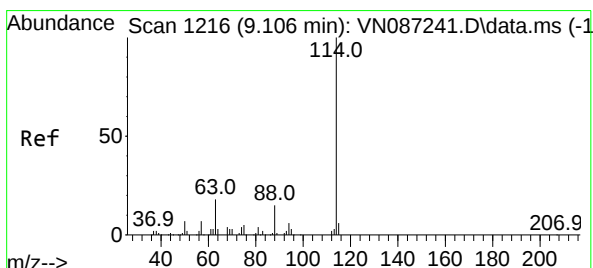
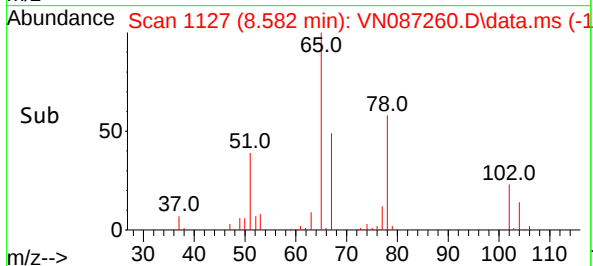
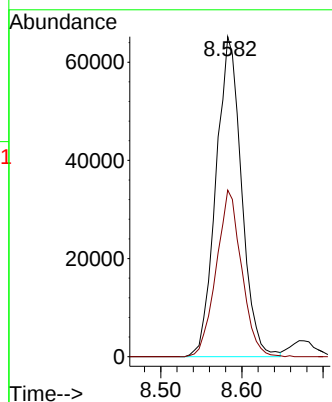
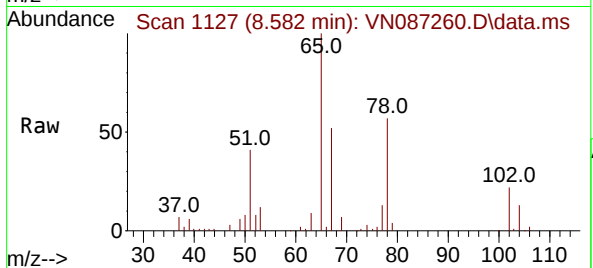
Tgt Ion: 65 Resp: 14267
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6

Manual Integrations

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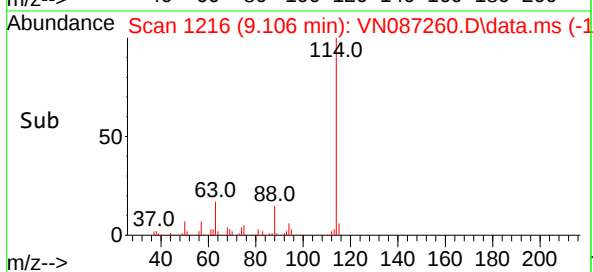
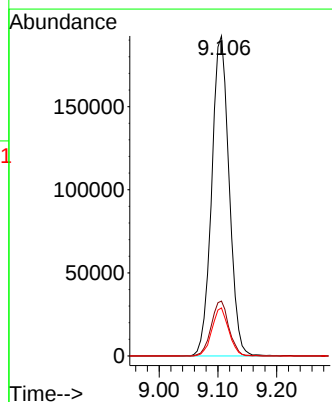
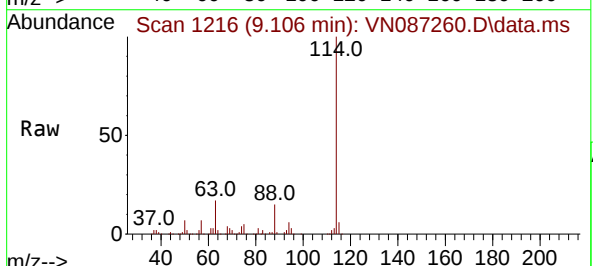
Reviewed By :John Carlone 07/07/2025

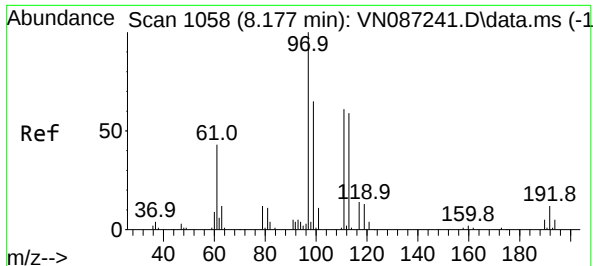
Supervised By :Mahesh Dadoda 07/07/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Tgt Ion:114 Resp: 395302
Ion Ratio Lower Upper
114 100
63 17.2 0.0 36.6
88 15.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.314 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087260.D

Acq: 03 Jul 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 12229

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

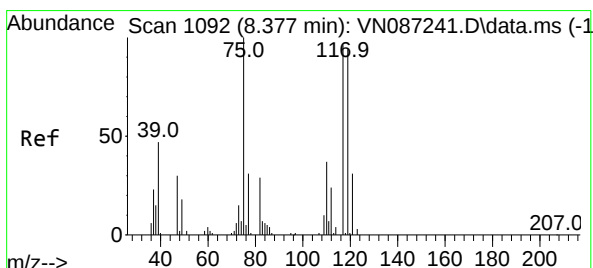
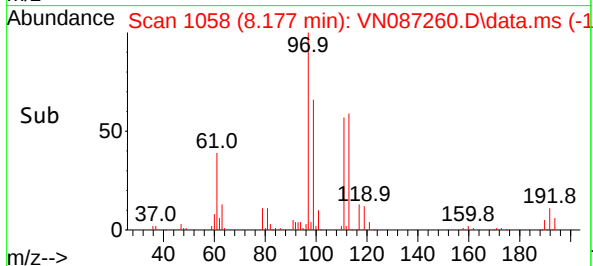
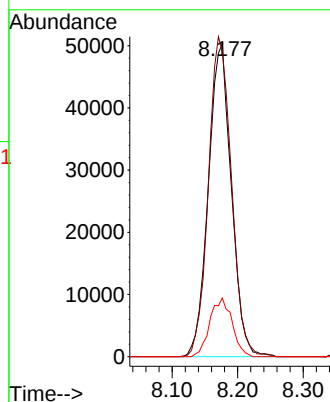
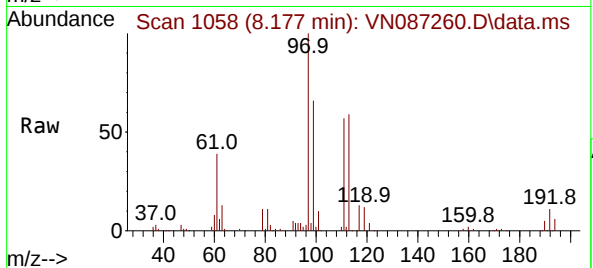
192 18.1 15.1 22.7

Manual Integrations

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Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#36

1,1-Dichloropropene

Concen: 49.294 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087260.D

Acq: 03 Jul 2025 10:50

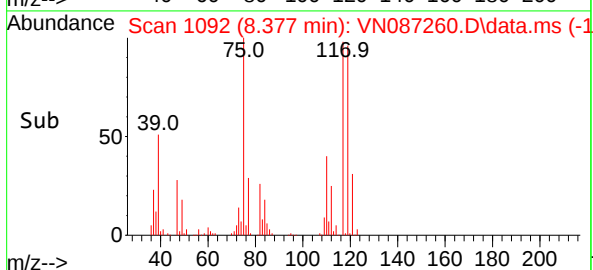
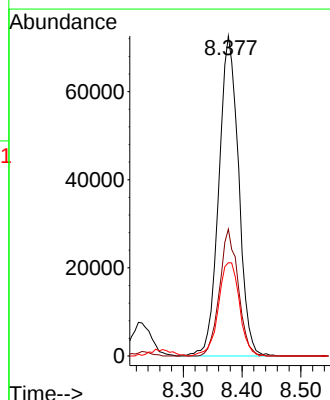
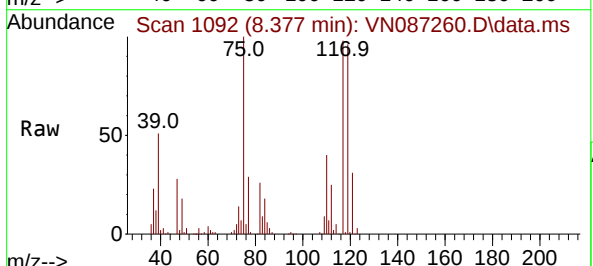
Tgt Ion: 75 Resp: 169674

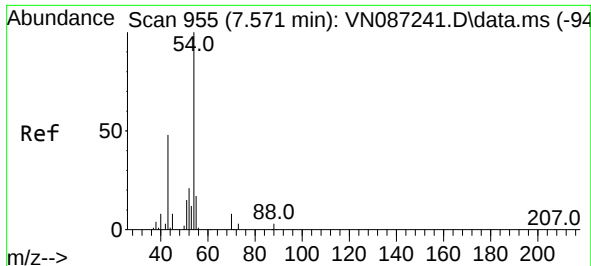
Ion Ratio Lower Upper

75 100

110 37.3 18.7 56.1

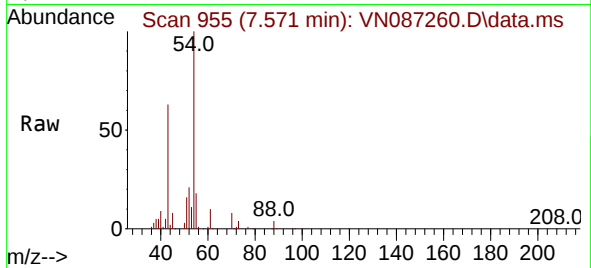
77 31.2 24.5 36.7





#37
Ethyl Acetate
Concen: 46.614 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

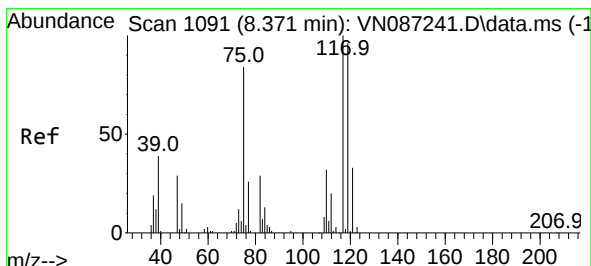
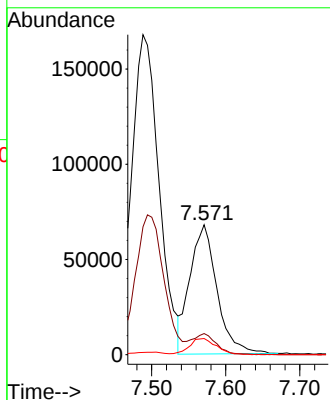
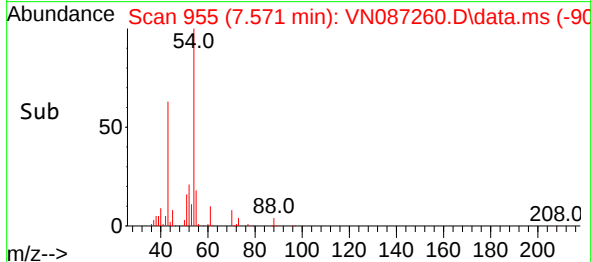
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 17248
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 12.5 9.9 14.9

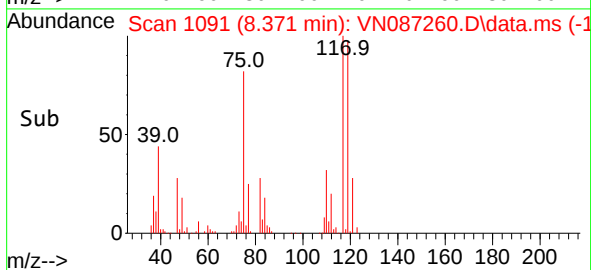
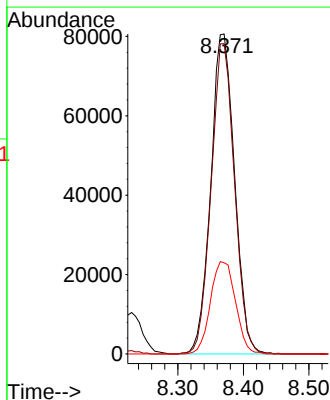
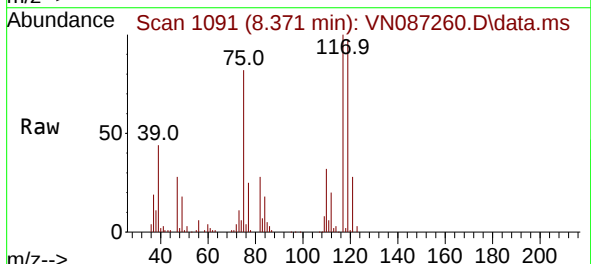
Manual Integrations
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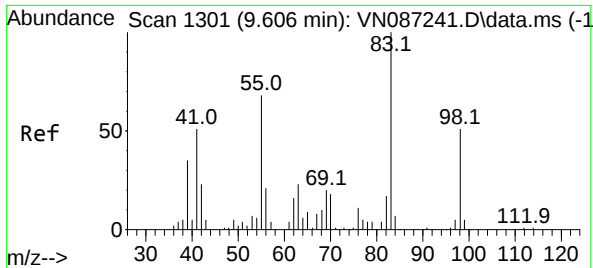
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#38
Carbon Tetrachloride
Concen: 52.138 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

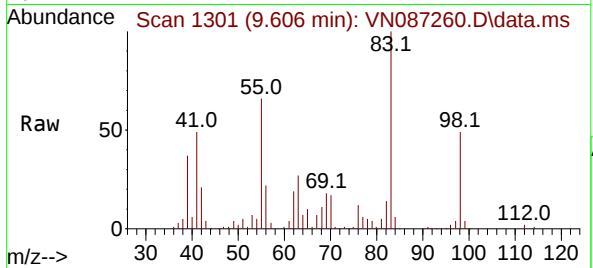
Tgt Ion:117 Resp: 203353
Ion Ratio Lower Upper
117 100
119 97.0 77.2 115.8
121 28.5 26.6 39.8





#39
Methylcyclohexane
Concen: 49.258 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

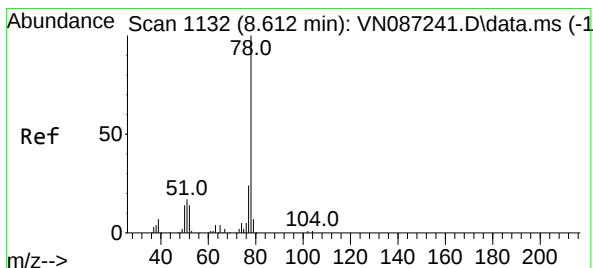
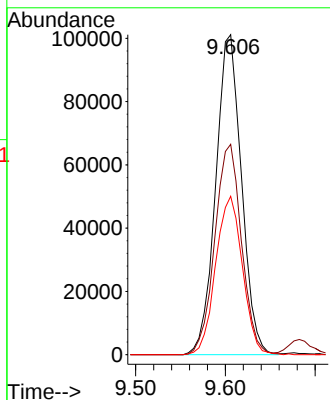
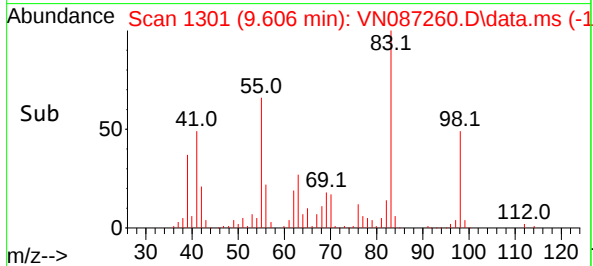
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



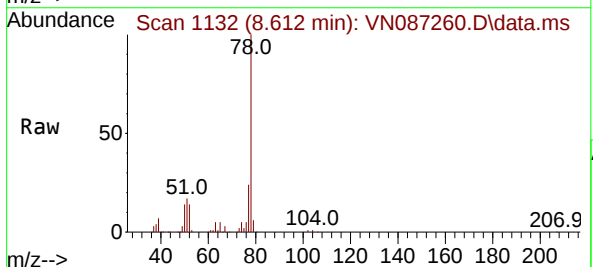
Tgt Ion: 83 Resp: 20191
Ion Ratio Lower Upper
83 100
55 65.8 54.6 81.8
98 49.5 41.2 61.8

Manual Integrations
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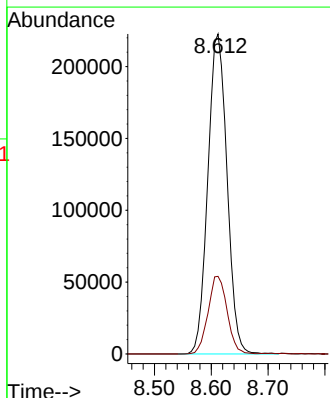
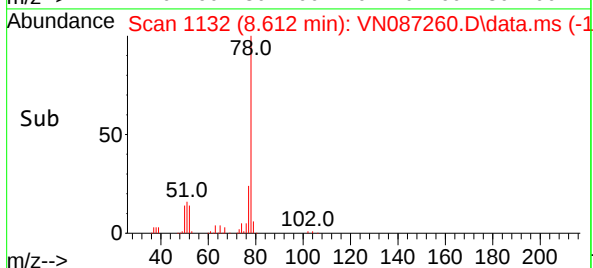
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

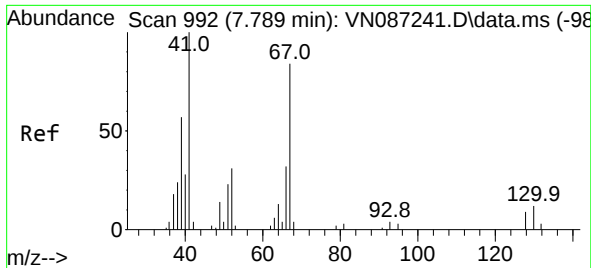


#40
Benzene
Concen: 48.865 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



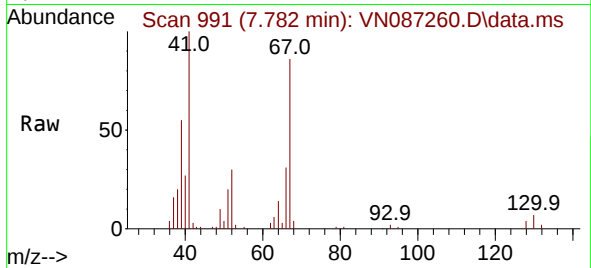
Tgt Ion: 78 Resp: 521090
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3





#41
Methacrylonitrile
Concen: 47.922 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

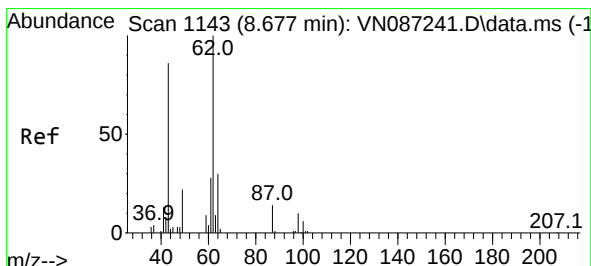
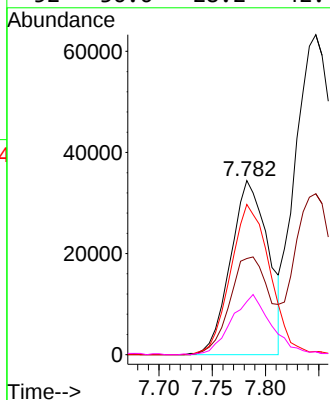
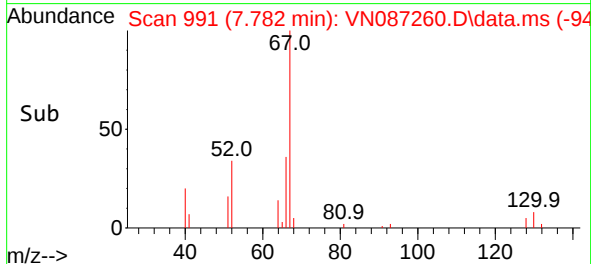
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



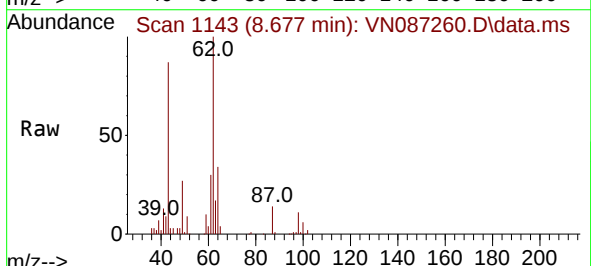
Tgt Ion: 41 Resp: 84782
Ion Ratio Lower Upper
41 100
39 59.1 46.4 69.6
67 90.9 70.8 106.2
52 36.6 28.2 42.4

Manual Integrations
APPROVED

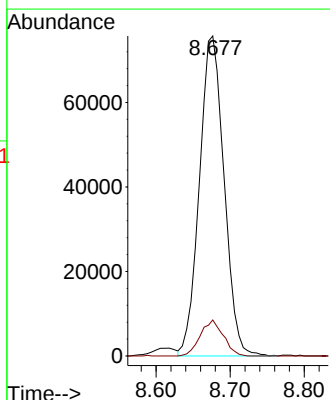
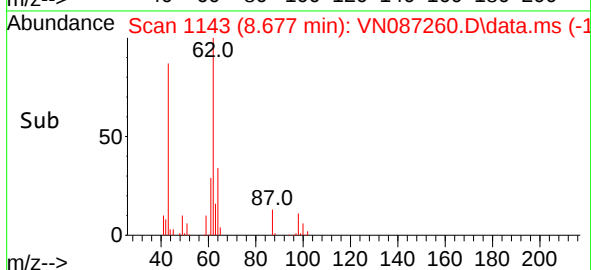
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

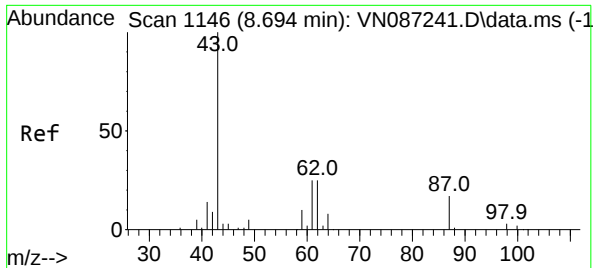


#42
1,2-Dichloroethane
Concen: 49.415 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



Tgt Ion: 62 Resp: 175243
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.8





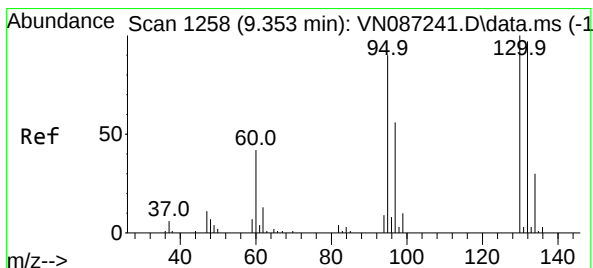
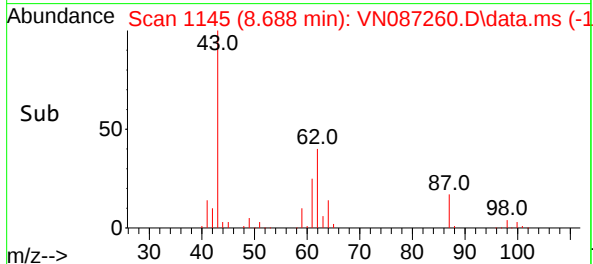
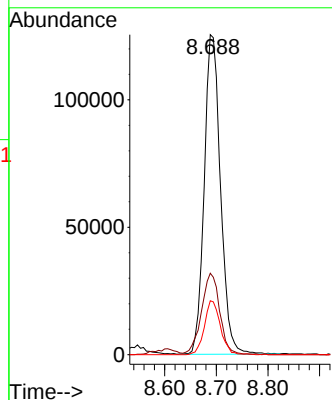
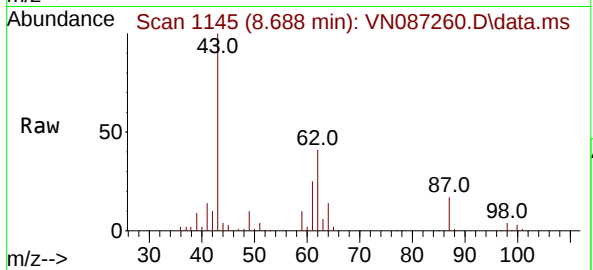
#43
Isopropyl Acetate
Concen: 47.930 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 275035
Ion Ratio Lower Upper
43 100
61 28.2 22.4 33.6
87 16.5 12.8 19.2

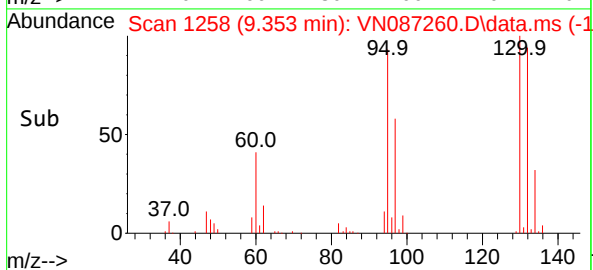
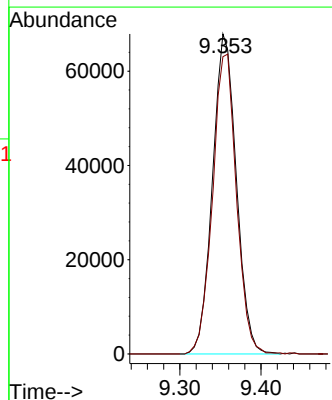
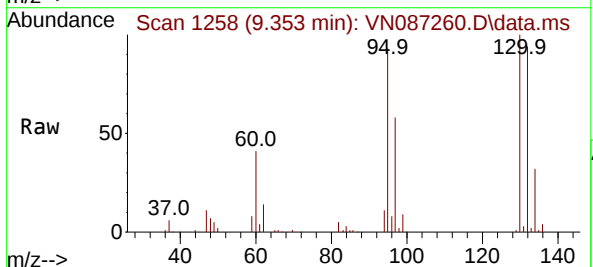
Manual Integrations
APPROVED

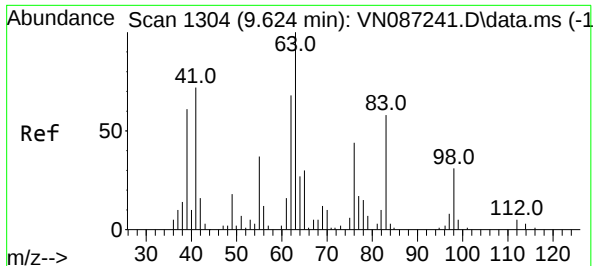
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#44
Trichloroethene
Concen: 48.899 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Tgt Ion:130 Resp: 138560
Ion Ratio Lower Upper
130 100
95 92.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.235 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087260.D

Acq: 03 Jul 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11912

Ion Ratio Lower Upper

63 100

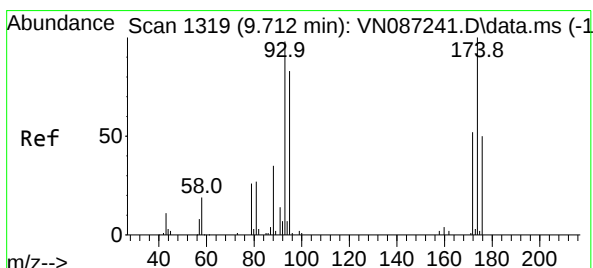
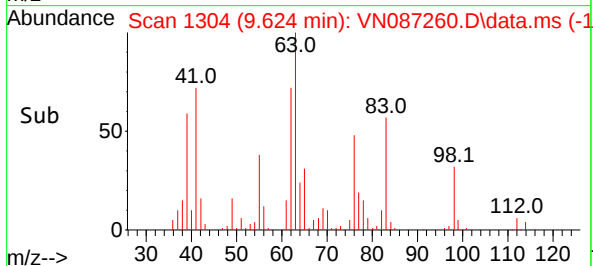
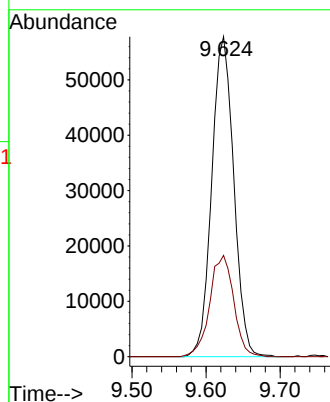
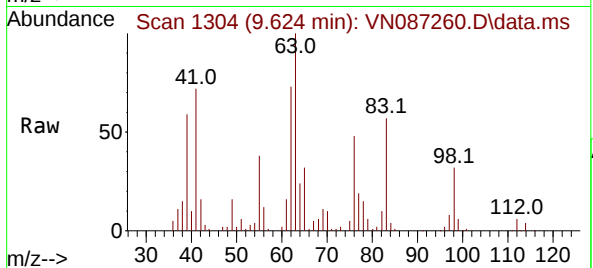
65 31.7 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#46

Dibromomethane

Concen: 49.415 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087260.D

Acq: 03 Jul 2025 10:50

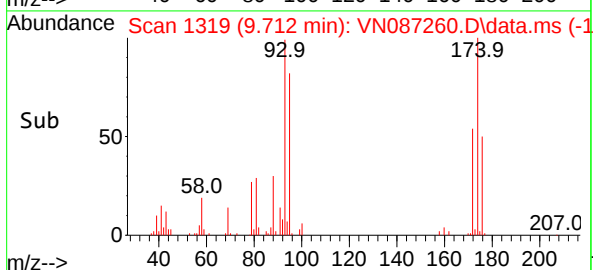
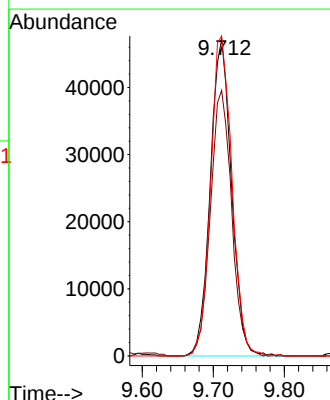
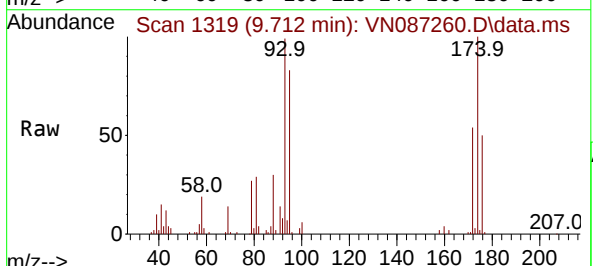
Tgt Ion: 93 Resp: 97742

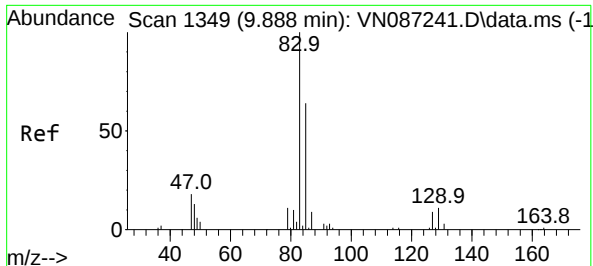
Ion Ratio Lower Upper

93 100

95 84.1 66.1 99.1

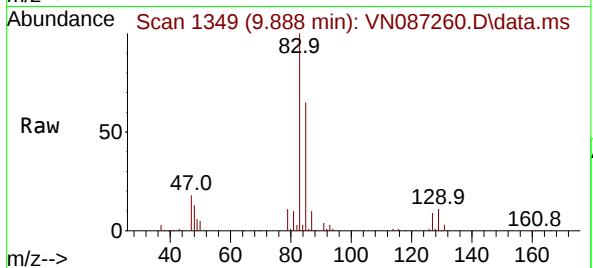
174 101.4 81.8 122.6





#47
Bromodichloromethane
Concen: 49.786 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

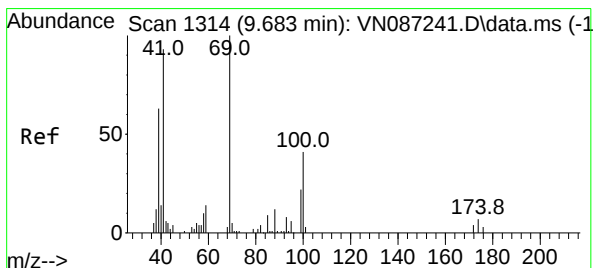
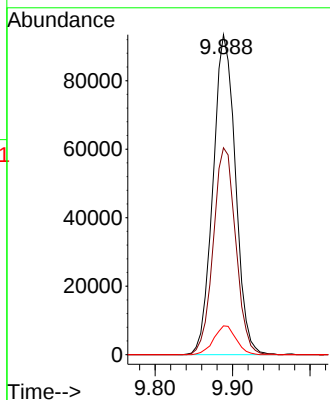
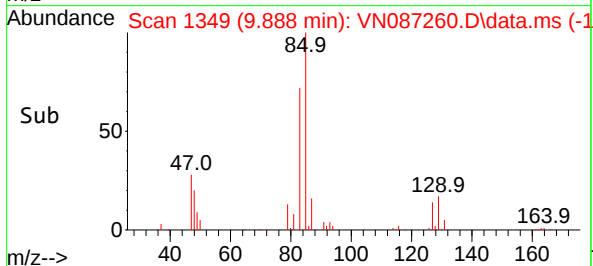
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



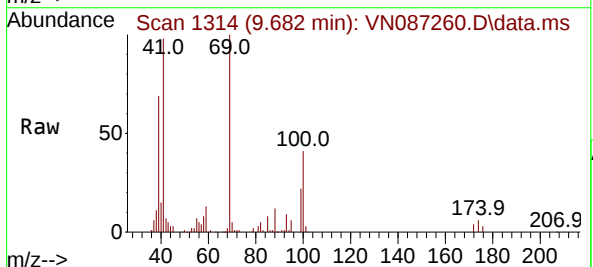
Tgt Ion: 83 Resp: 18781
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8
127 9.0 7.0 10.4

Manual Integrations
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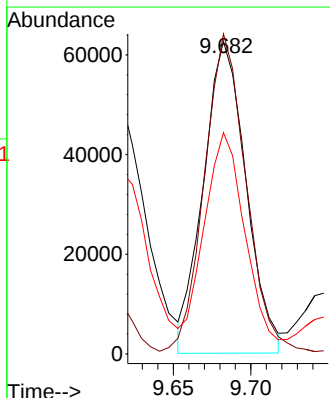
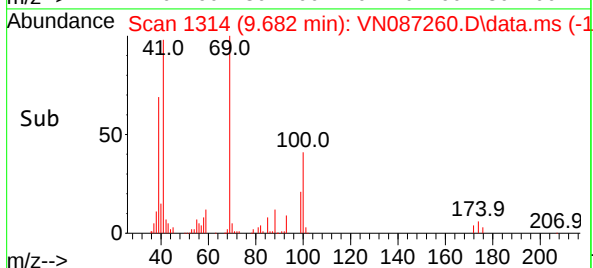
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

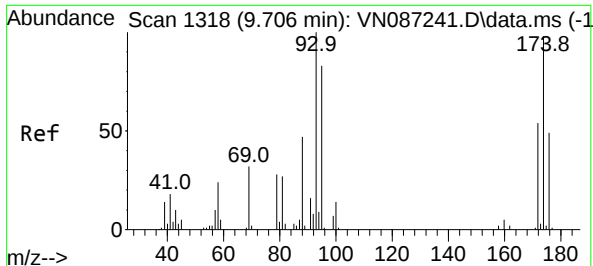


#48
Methyl methacrylate
Concen: 49.420 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



Tgt Ion: 41 Resp: 119521
Ion Ratio Lower Upper
41 100
69 100.9 81.4 122.2
39 69.1 56.9 85.3





#49

1,4-Dioxane

Concen: 936.934 ug/l

RT: 9.700 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN087260.D

Acq: 03 Jul 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4714

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

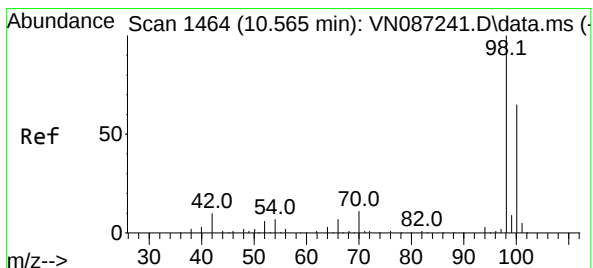
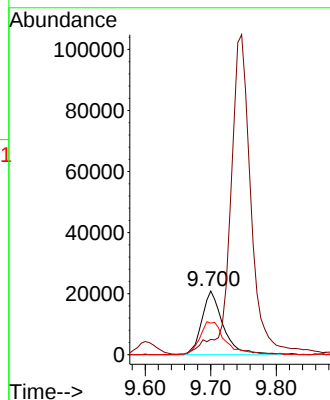
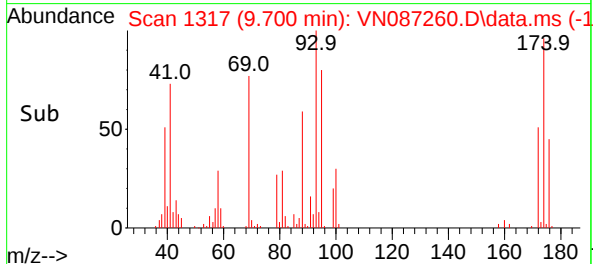
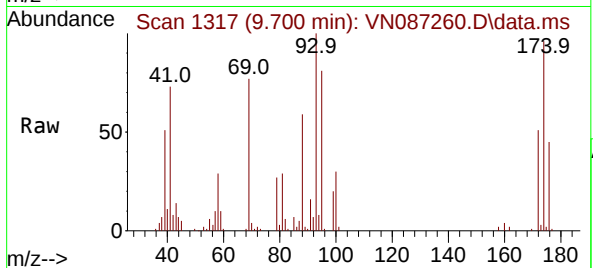
58 61.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#50

Toluene-d8

Concen: 46.853 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087260.D

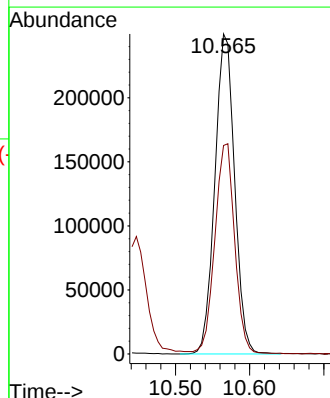
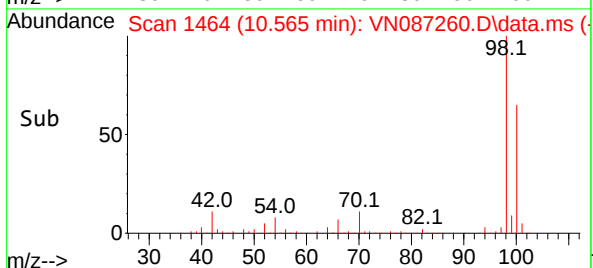
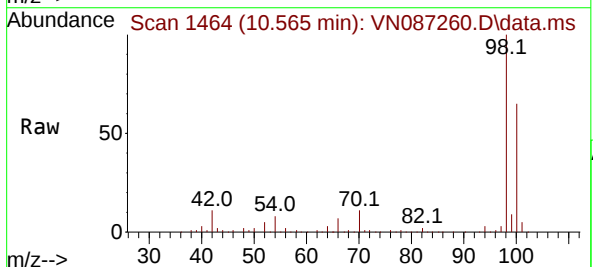
Acq: 03 Jul 2025 10:50

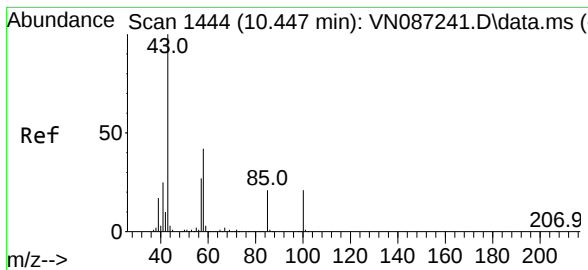
Tgt Ion: 98 Resp: 462244

Ion Ratio Lower Upper

98 100

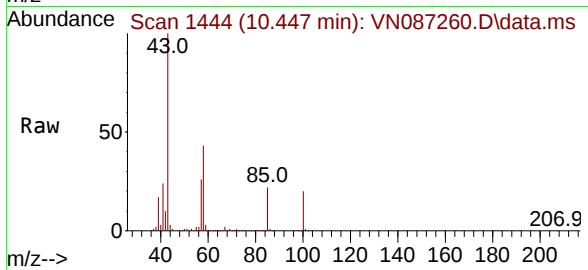
100 66.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 249.333 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

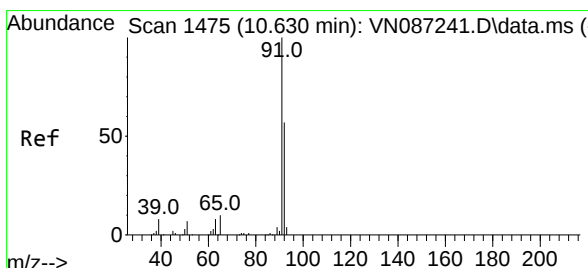
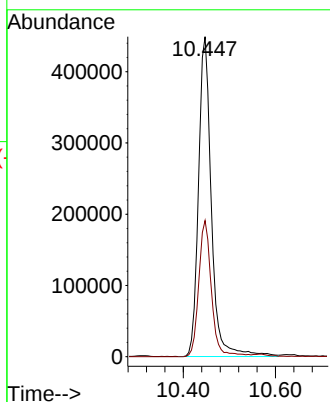
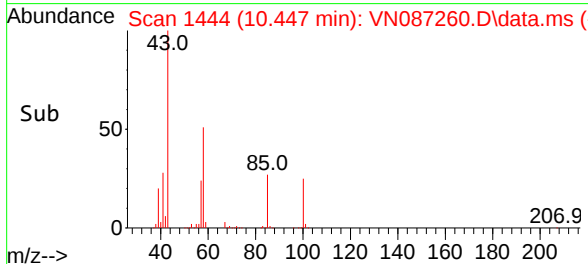
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 875395
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.2

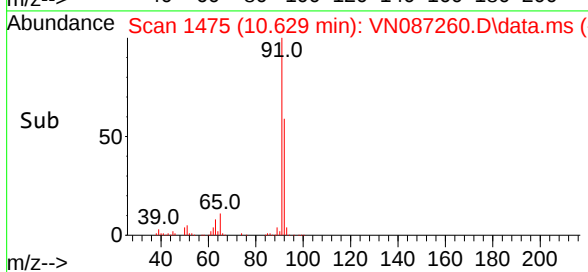
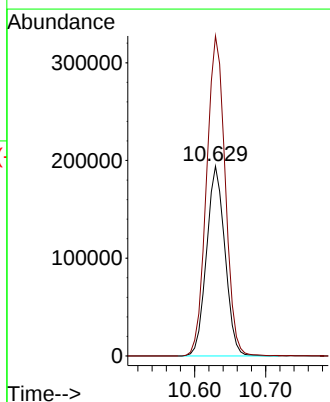
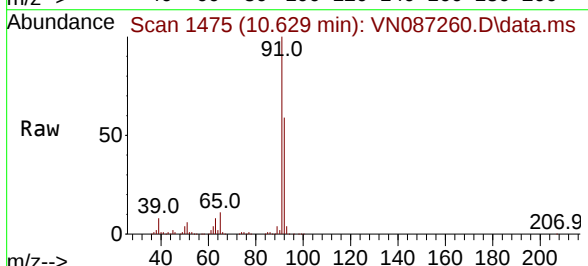
Manual Integrations
APPROVED

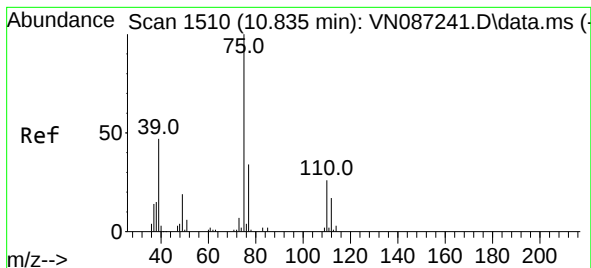
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#52
Toluene
Concen: 49.969 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

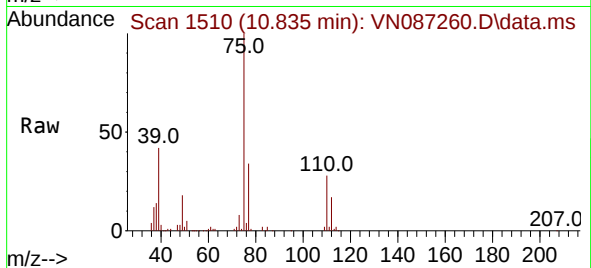
Tgt Ion: 92 Resp: 349465
Ion Ratio Lower Upper
92 100
91 171.3 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 49.213 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

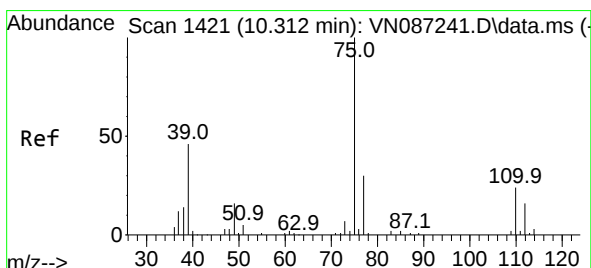
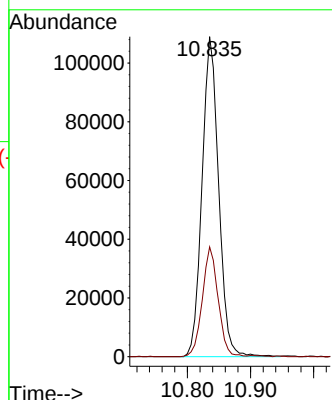
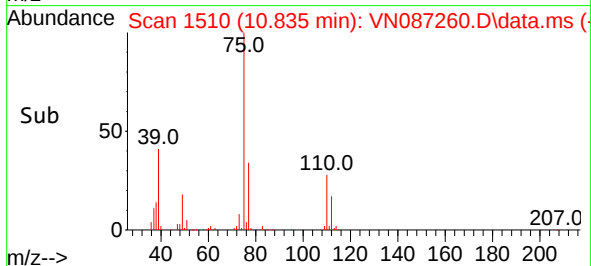
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



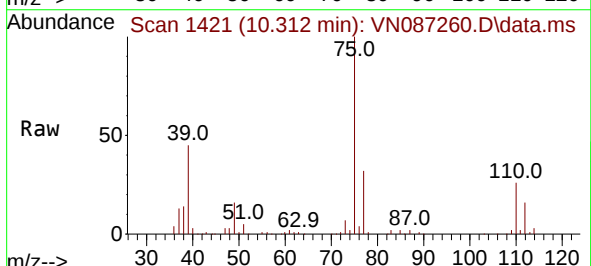
Tgt Ion: 75 Resp: 19912
Ion Ratio Lower Upper
75 100
77 34.3 27.1 40.7

Manual Integrations
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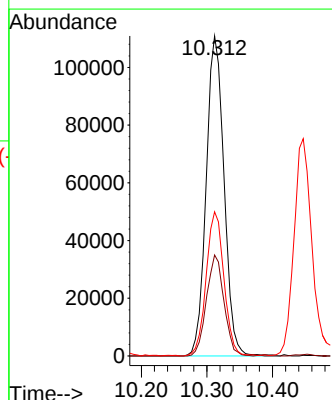
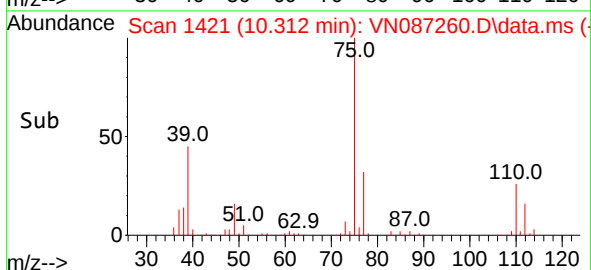
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

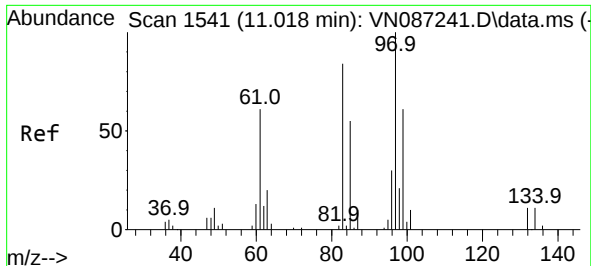


#54
cis-1,3-Dichloropropene
Concen: 50.965 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



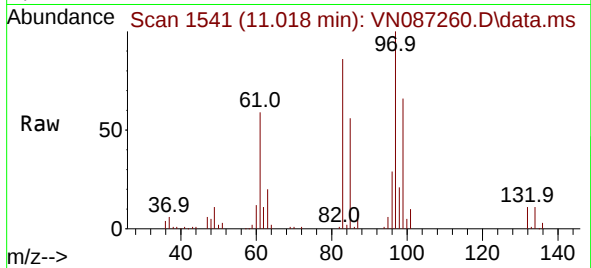
Tgt Ion: 75 Resp: 210099
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1
39 45.1 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 48.570 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

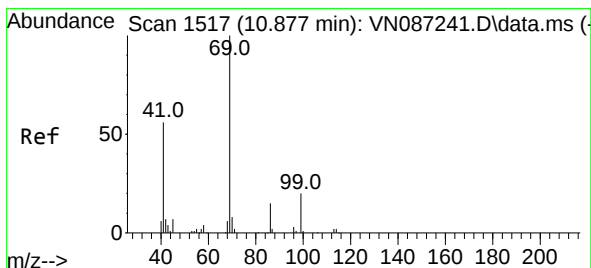
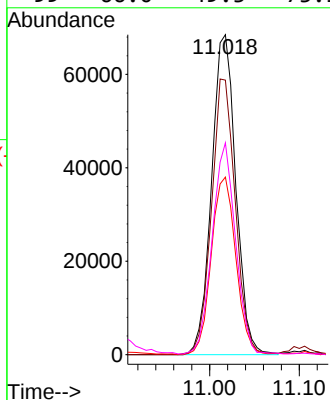
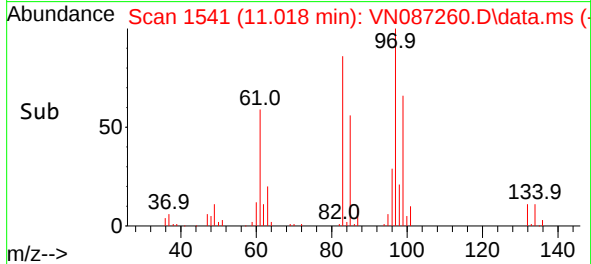
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



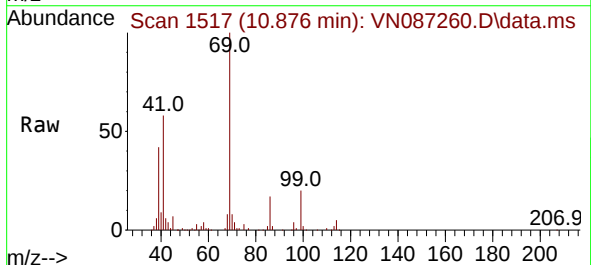
Tgt Ion: 97 Resp: 128319
Ion Ratio Lower Upper
97 100
83 85.8 67.4 101.2
85 55.5 43.6 65.4
99 66.0 49.3 73.9

Manual Integrations
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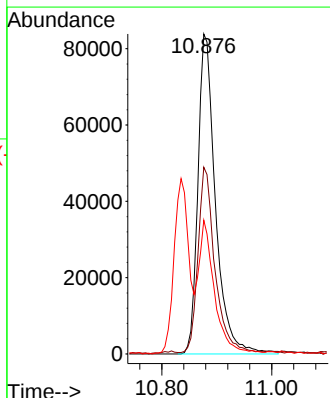
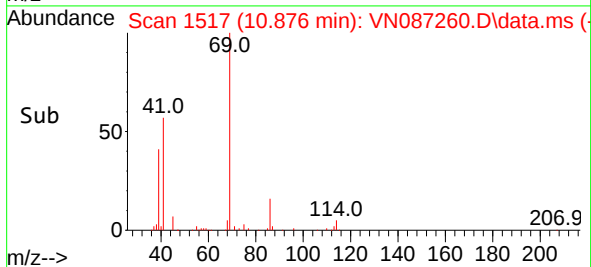
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

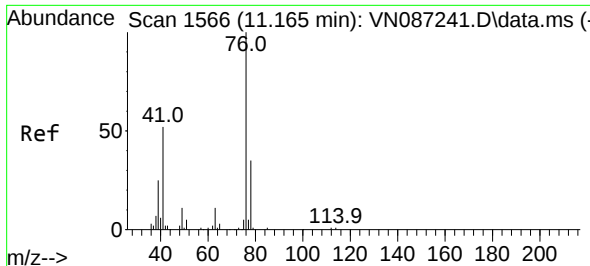


#56
Ethyl methacrylate
Concen: 48.103 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



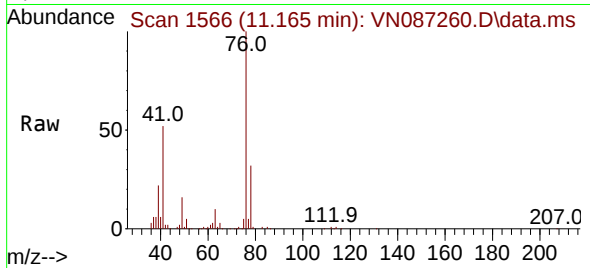
Tgt Ion: 69 Resp: 186190
Ion Ratio Lower Upper
69 100
41 55.5 44.2 66.4
39 36.8 29.5 44.3





#57
1,3-Dichloropropane
Concen: 49.900 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

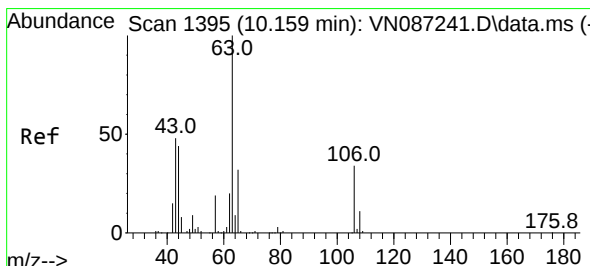
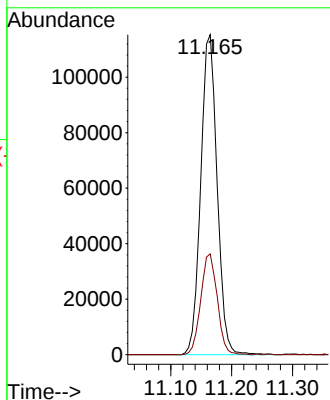
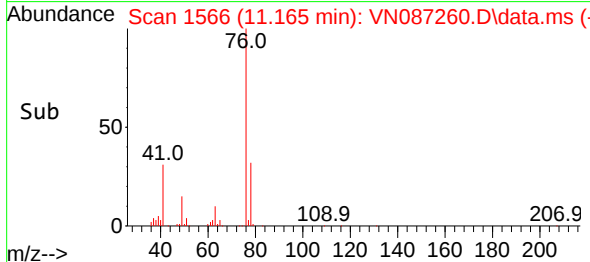
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 21516
Ion Ratio Lower Upper
76 100
78 31.7 27.1 40.7

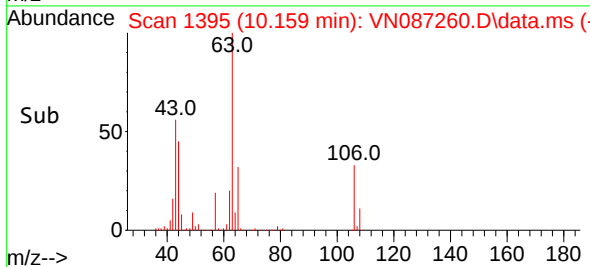
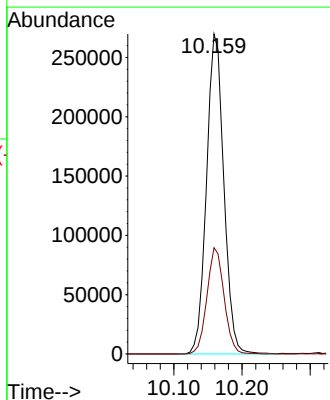
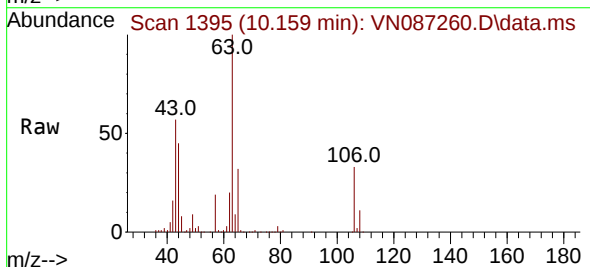
Manual Integrations
APPROVED

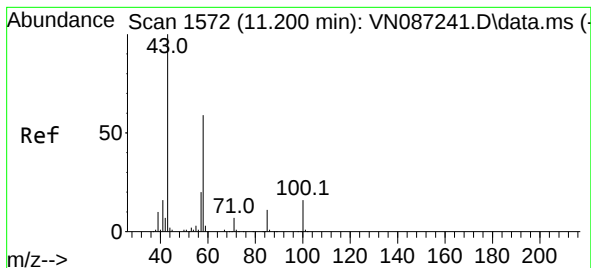
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#58
2-Chloroethyl Vinyl ether
Concen: 233.120 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

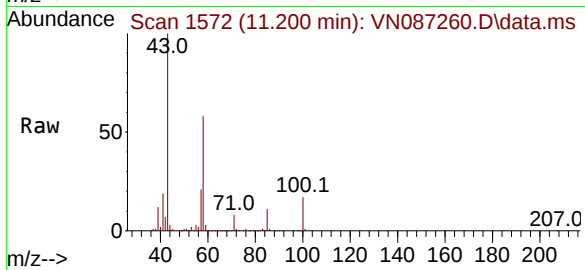
Tgt Ion: 63 Resp: 476888
Ion Ratio Lower Upper
63 100
106 32.8 26.9 40.3





#59
2-Hexanone
Concen: 228.051 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

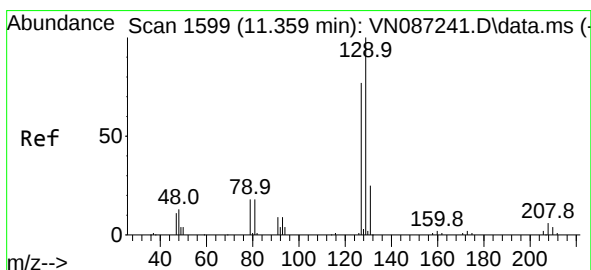
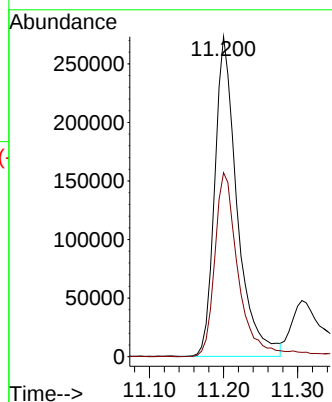
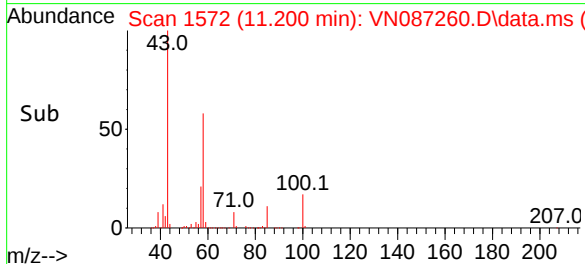
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 57352
Ion Ratio Lower Upper
43 100
58 62.4 31.1 93.3

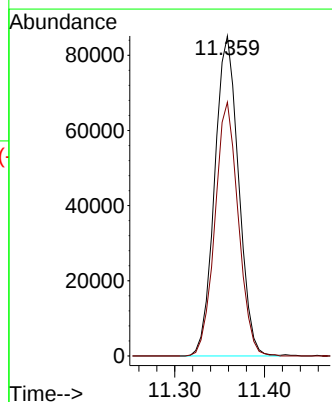
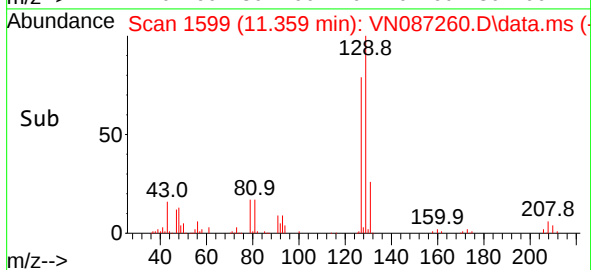
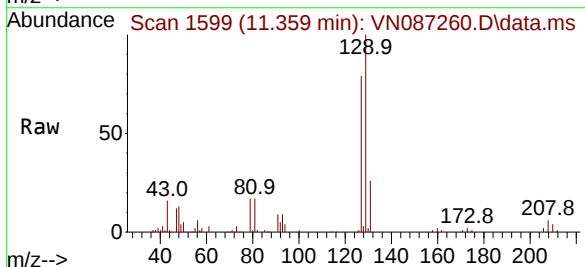
Manual Integrations
APPROVED

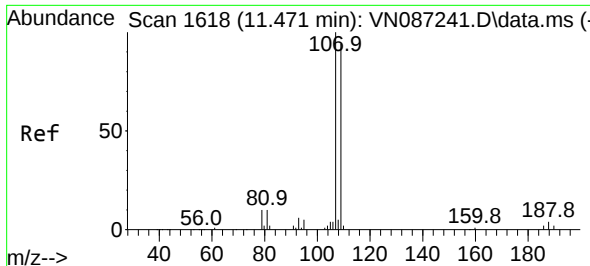
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#60
Dibromochloromethane
Concen: 50.622 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

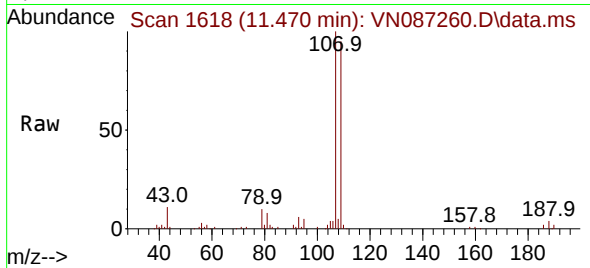
Tgt Ion:129 Resp: 157653
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9





#61
1,2-Dibromoethane
Concen: 49.809 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

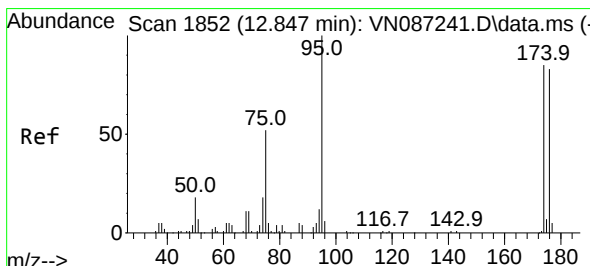
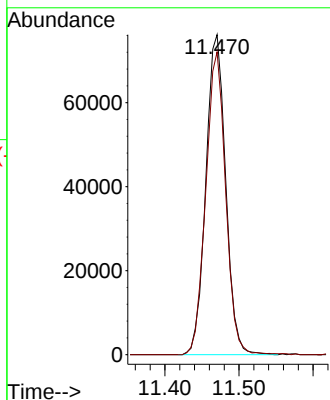
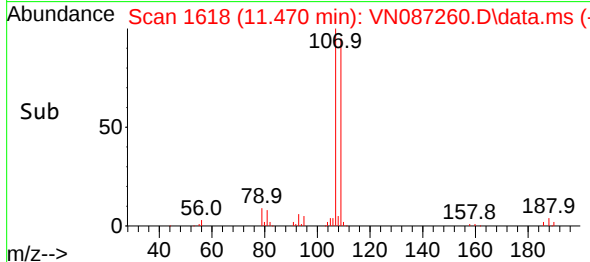
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



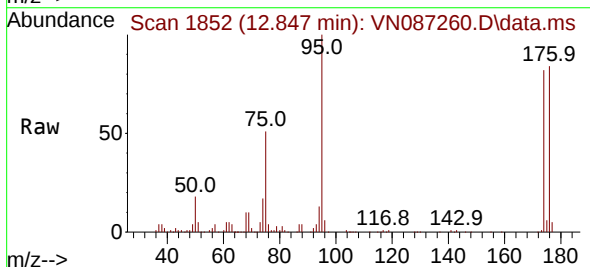
Tgt Ion:107 Resp: 141549
Ion Ratio Lower Upper
107 100
109 94.5 76.0 114.0

Manual Integrations
APPROVED

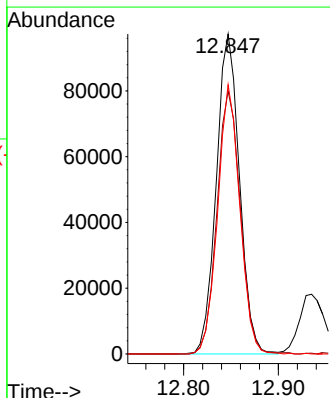
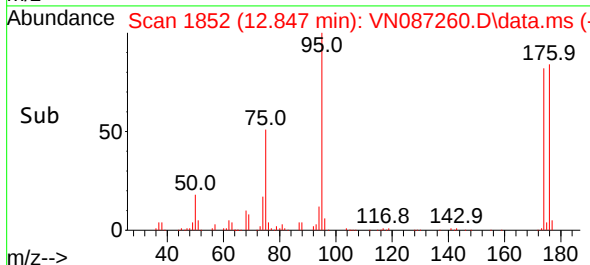
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

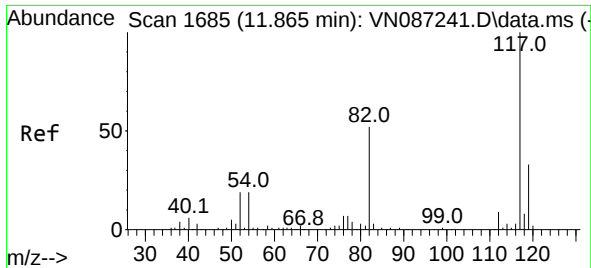


#62
4-Bromofluorobenzene
Concen: 47.145 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



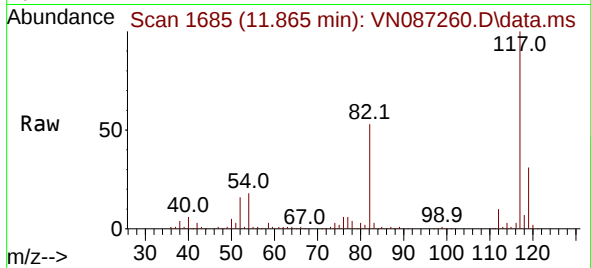
Tgt Ion: 95 Resp: 165497
Ion Ratio Lower Upper
95 100
174 83.0 0.0 169.6
176 80.5 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

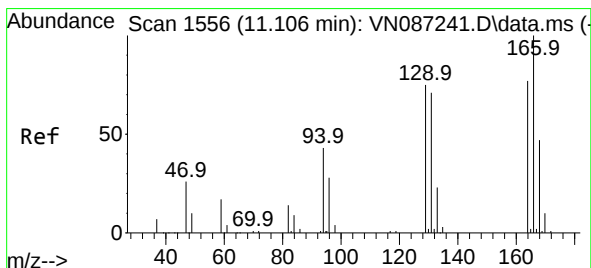
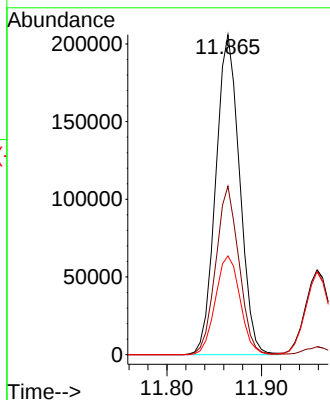
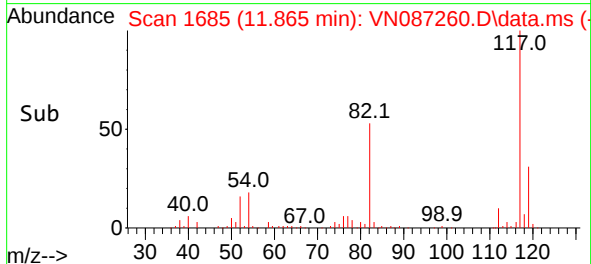
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 36088
Ion Ratio Lower Upper
117 100
82 52.6 41.9 62.9
119 30.9 26.2 39.4

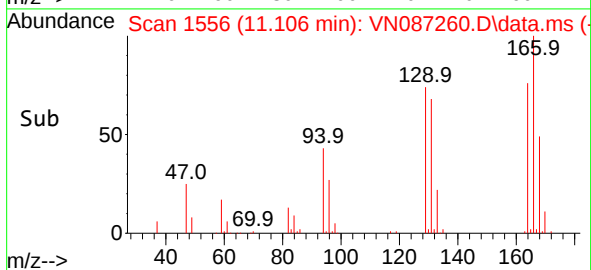
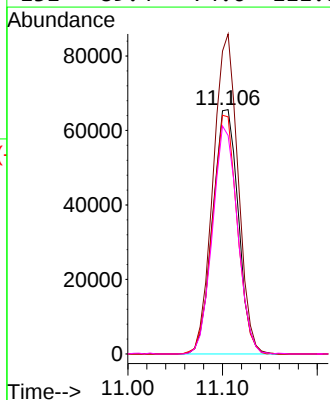
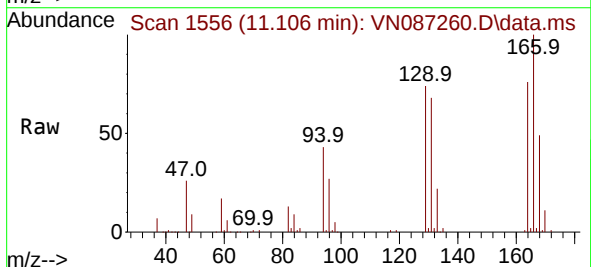
Manual Integrations
APPROVED

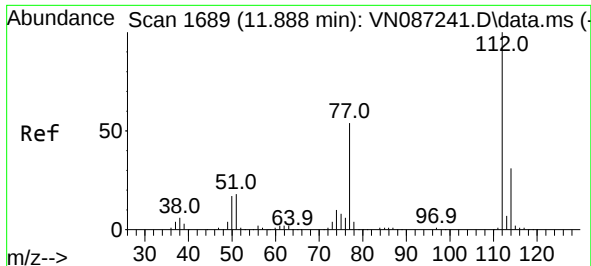
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#64
Tetrachloroethene
Concen: 51.178 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

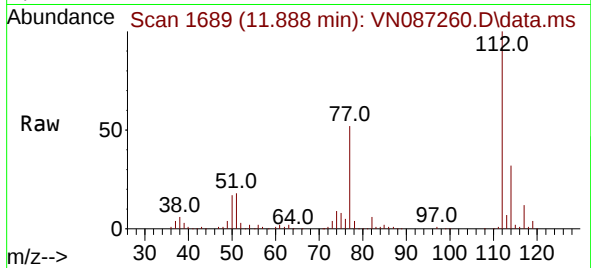
Tgt Ion:164 Resp: 123143
Ion Ratio Lower Upper
164 100
166 131.0 104.3 156.5
129 97.1 78.5 117.7
131 89.4 74.6 111.8





#65
Chlorobenzene
Concen: 49.554 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

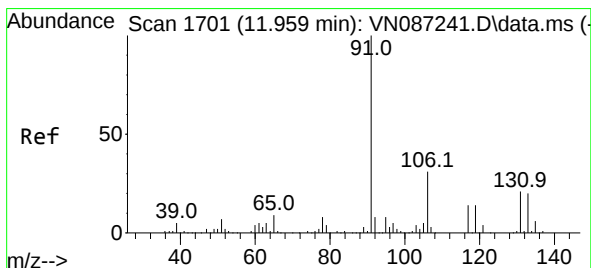
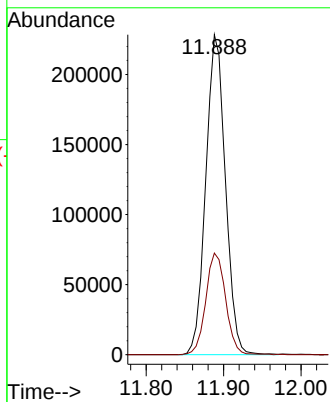
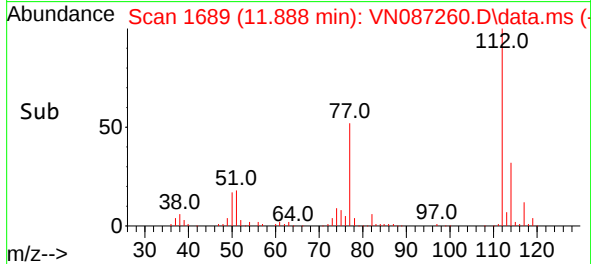
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



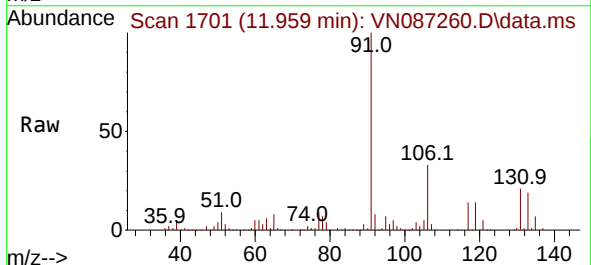
Tgt Ion:112 Resp: 401268
Ion Ratio Lower Upper
112 100
114 31.7 24.4 36.6

Manual Integrations
APPROVED

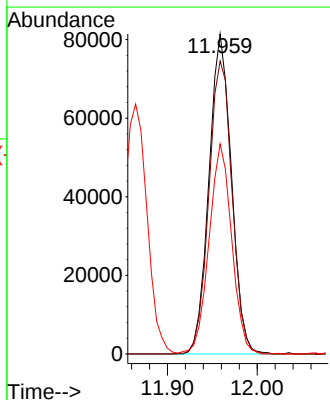
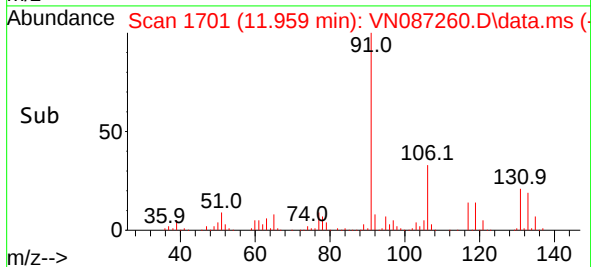
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

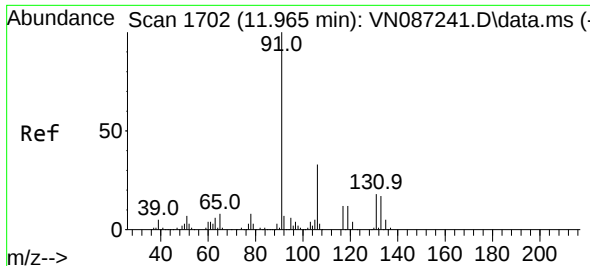


#66
1,1,1,2-Tetrachloroethane
Concen: 50.568 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



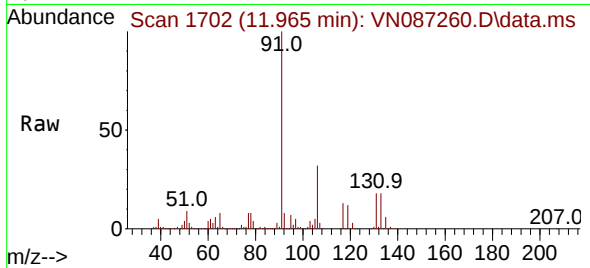
Tgt Ion:131 Resp: 141392
Ion Ratio Lower Upper
131 100
133 94.8 47.2 141.6
119 66.2 32.4 97.2





#67
Ethyl Benzene
Concen: 50.511 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

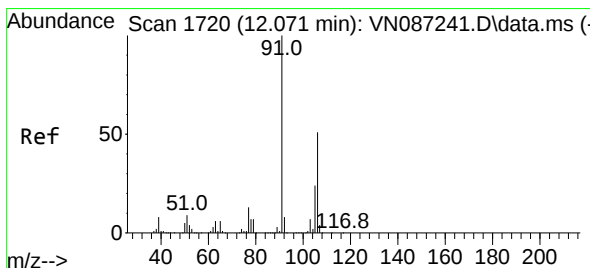
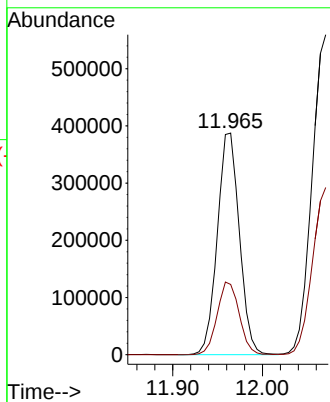
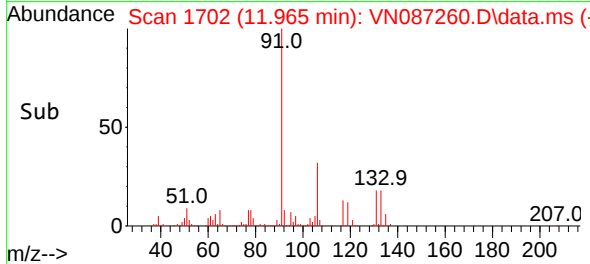
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



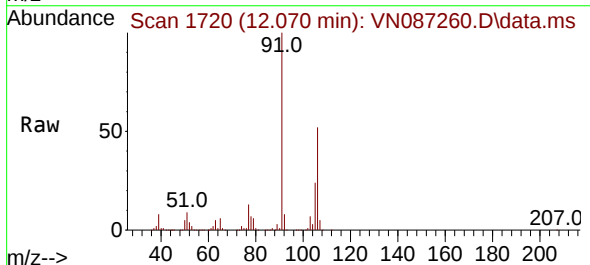
Tgt Ion: 91 Resp: 661854
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.4

Manual Integrations
APPROVED

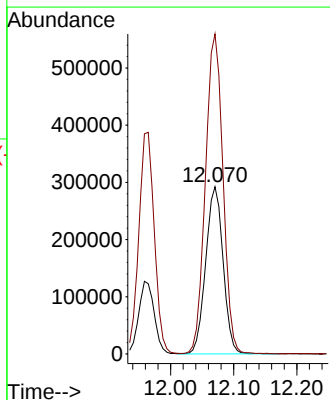
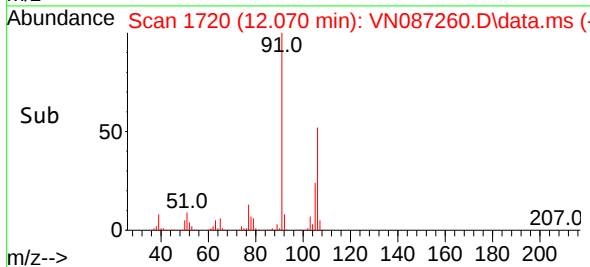
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

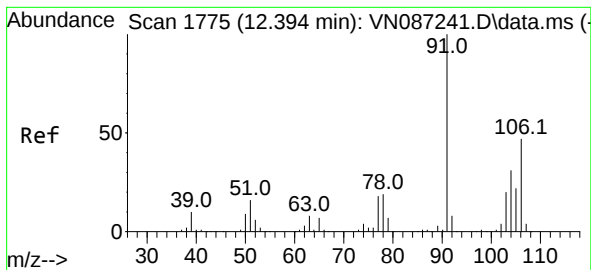


#68
m/p-Xylenes
Concen: 106.499 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



Tgt Ion:106 Resp: 557539
Ion Ratio Lower Upper
106 100
91 193.4 158.2 237.2





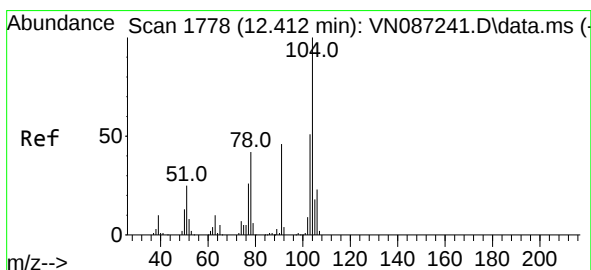
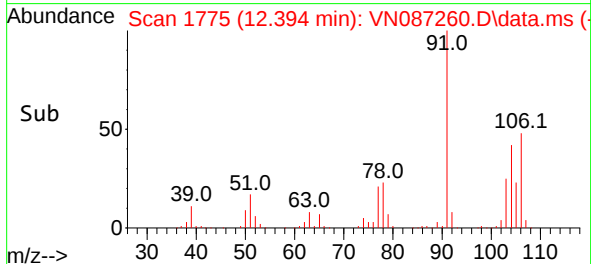
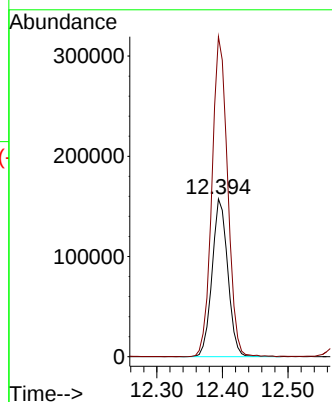
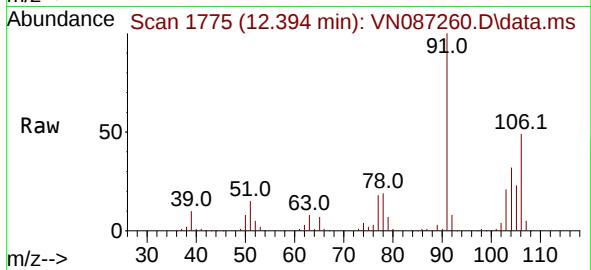
#69
o-Xylene
Concen: 53.293 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 260984
Ion Ratio Lower Upper
106 100
91 204.1 105.4 316.1

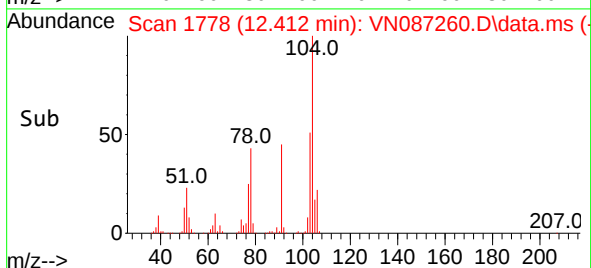
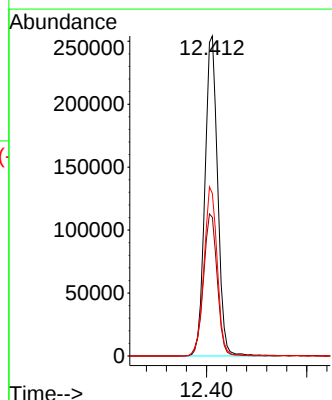
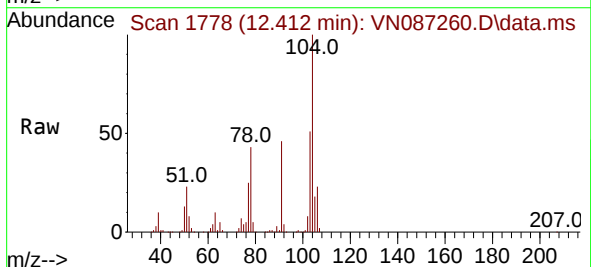
Manual Integrations
APPROVED

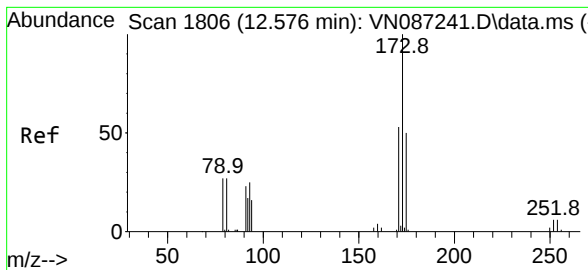
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#70
Styrene
Concen: 53.997 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

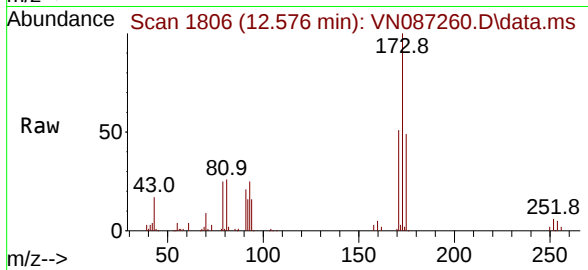
Tgt Ion:104 Resp: 449395
Ion Ratio Lower Upper
104 100
78 47.6 37.6 56.4
103 54.9 44.0 66.0





#71
Bromoform
Concen: 52.910 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

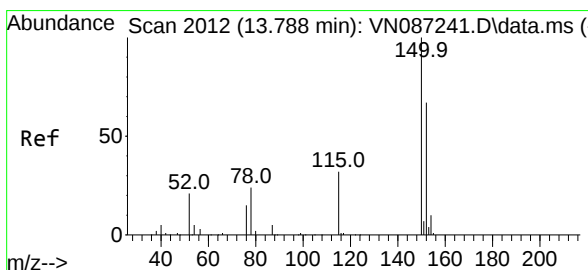
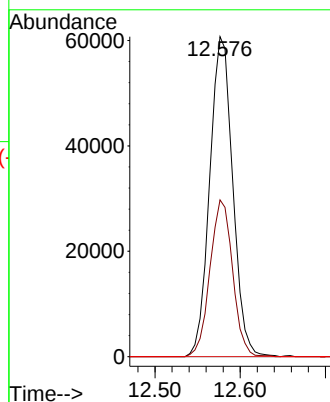
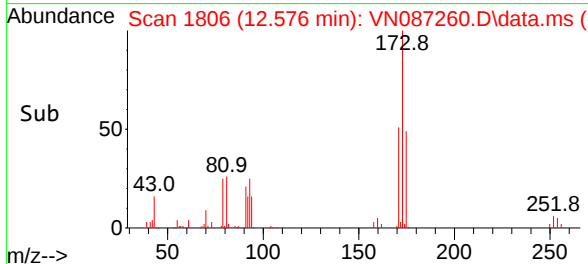
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



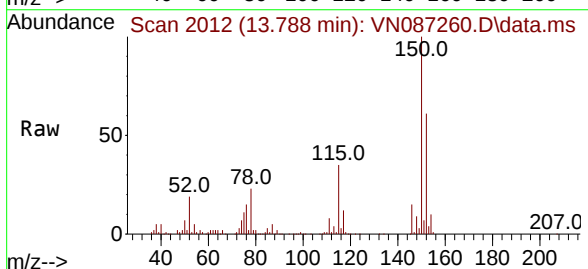
Tgt Ion:173 Resp: 114135
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

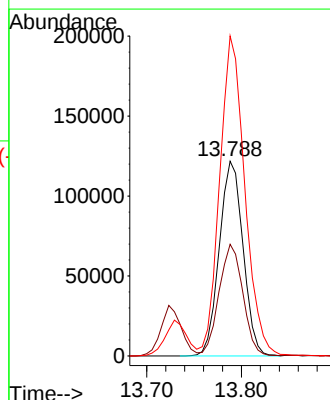
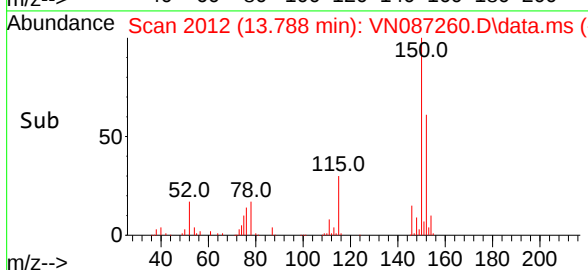
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

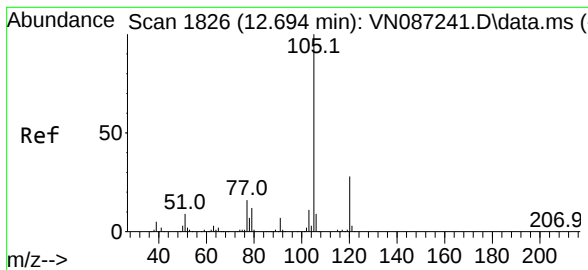


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



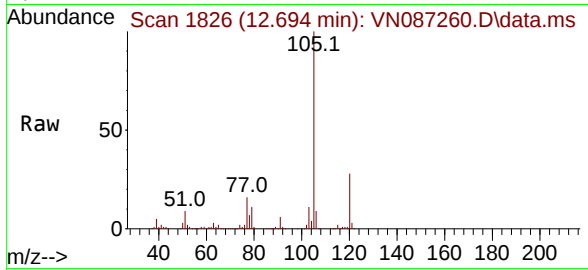
Tgt Ion:152 Resp: 212674
Ion Ratio Lower Upper
152 100
115 56.9 28.3 84.9
150 174.1 0.0 344.6





#73
Isopropylbenzene
Concen: 48.059 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

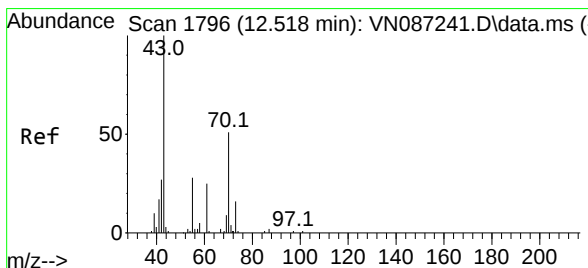
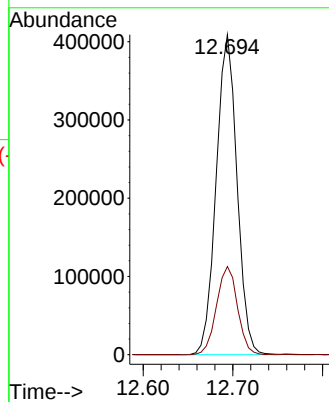
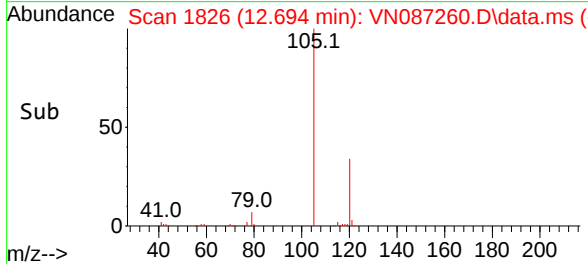
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 65856
Ion Ratio Lower Upper
105 100
120 27.7 13.9 41.6

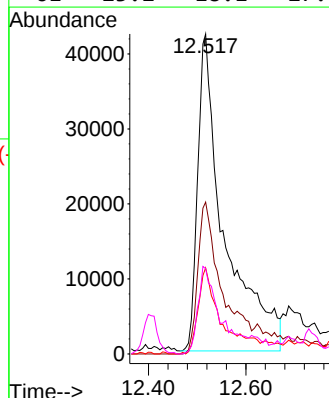
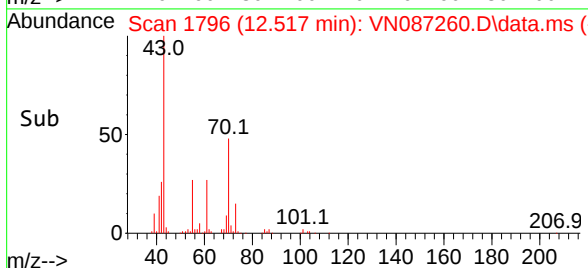
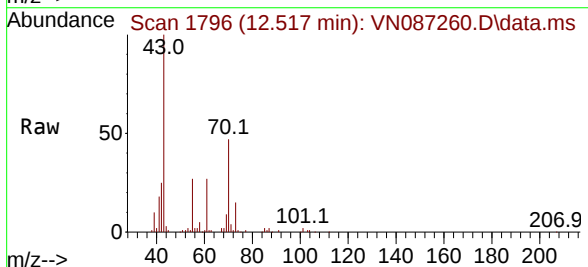
Manual Integrations
APPROVED

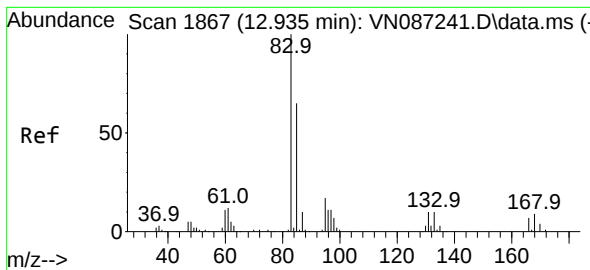
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#74
N-ethyl acetate
Concen: 35.756 ug/l
RT: 12.517 min Scan# 1796
Delta R.T. -0.001 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

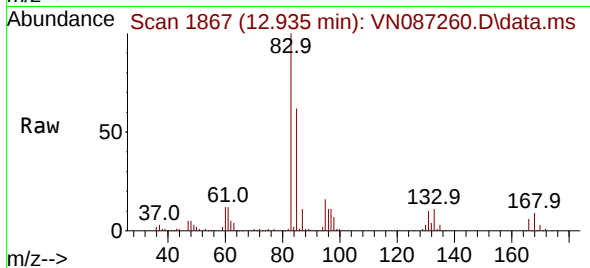
Tgt Ion: 43 Resp: 161131
Ion Ratio Lower Upper
43 100
70 43.5 29.2 43.8
55 23.8 17.0 25.4
61 23.2 18.1 27.1





#75
1,1,2,2-Tetrachloroethane
Concen: 44.652 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

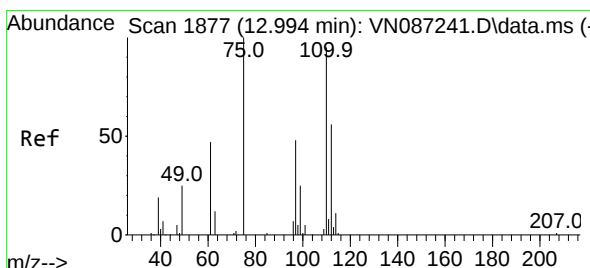
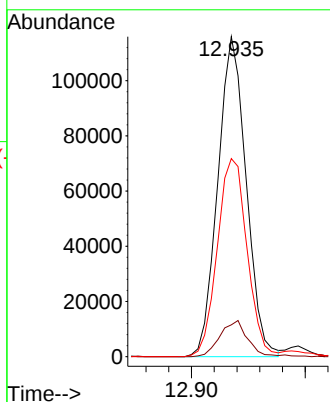
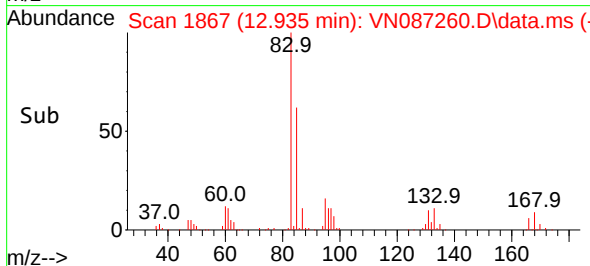
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



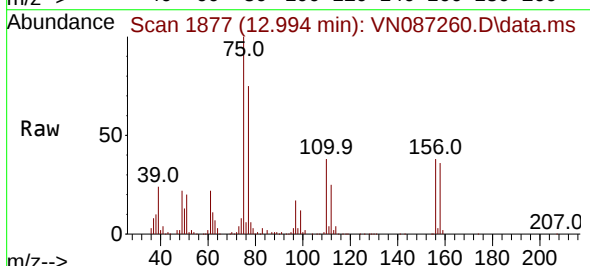
Tgt Ion: 83 Resp: 201260
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.9
85 64.9 32.2 96.6

Manual Integrations
APPROVED

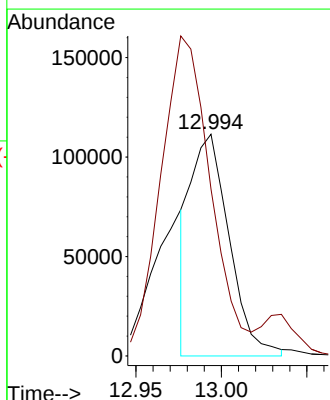
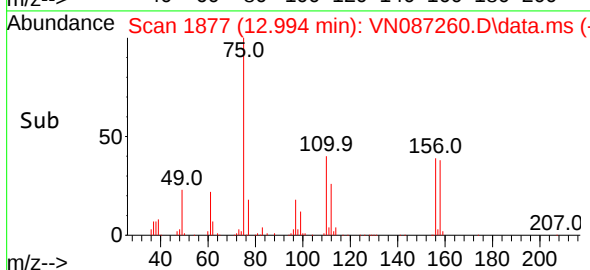
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

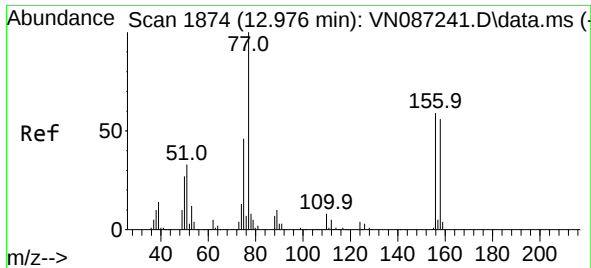


#76
1,2,3-Trichloropropane
Concen: 43.043 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



Tgt Ion: 75 Resp: 174117
Ion Ratio Lower Upper
75 100
77 188.4 82.0 245.8





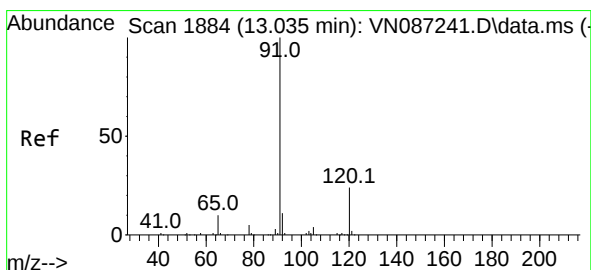
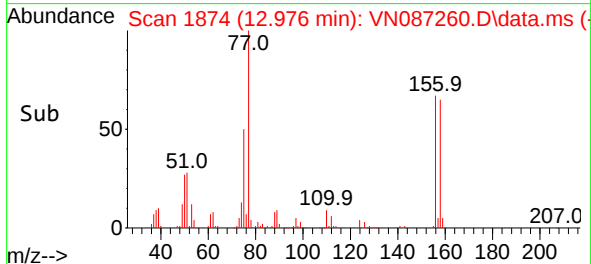
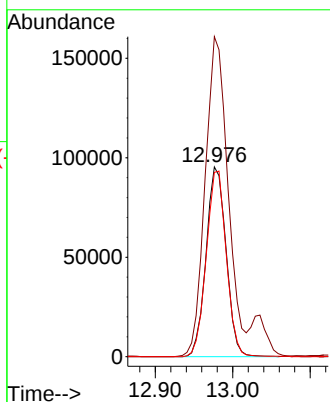
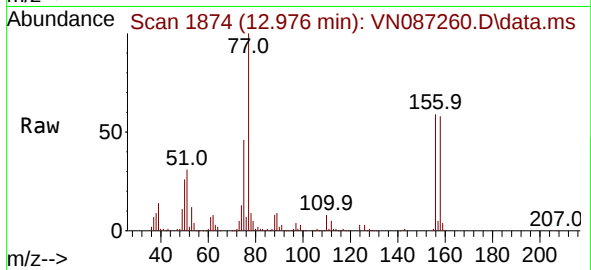
#77
Bromobenzene
Concen: 47.875 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 171250
Ion Ratio Lower Upper
156 100
77 191.5 98.0 294.1
158 97.9 47.7 143.1

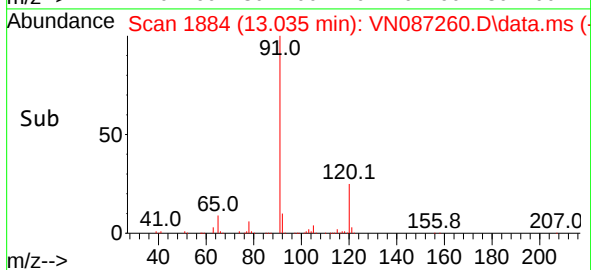
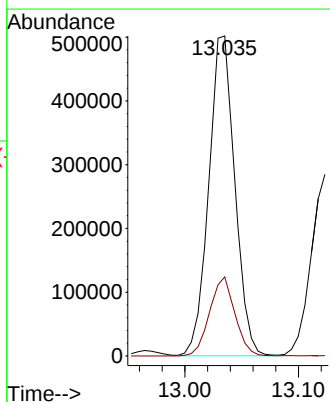
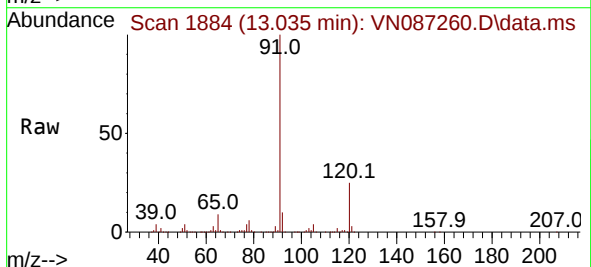
Manual Integrations
APPROVED

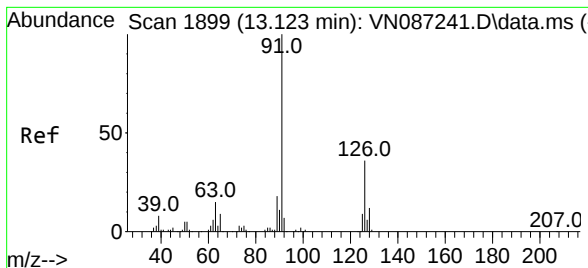
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#78
n-propylbenzene
Concen: 48.464 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Tgt Ion: 91 Resp: 802210
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.0





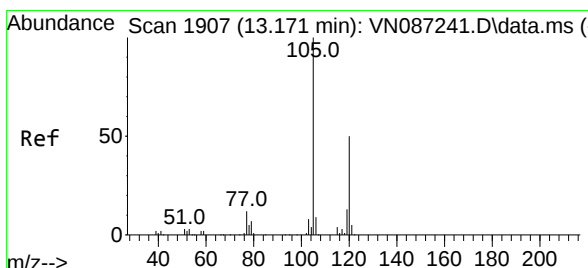
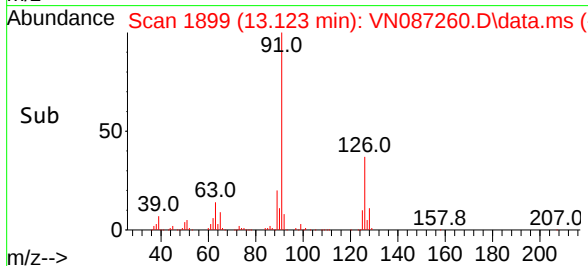
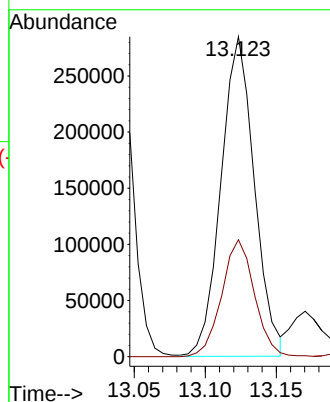
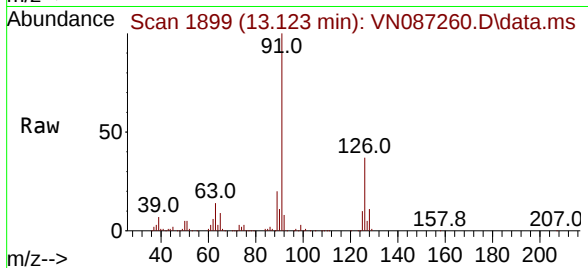
#79
2-Chlorotoluene
Concen: 47.218 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 465158
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.3

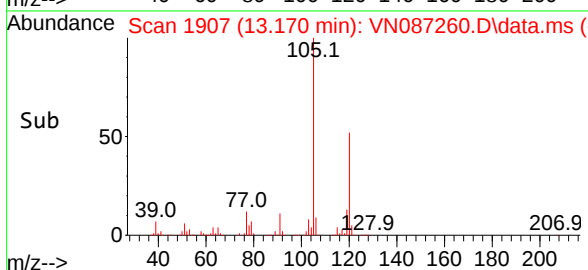
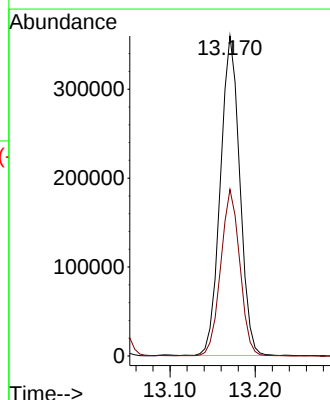
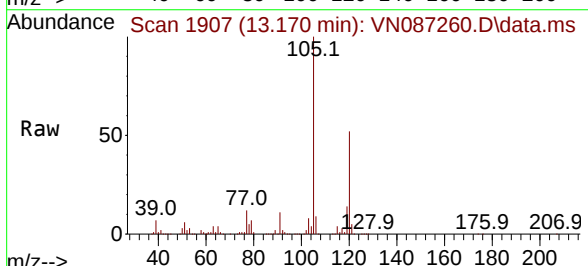
Manual Integrations
APPROVED

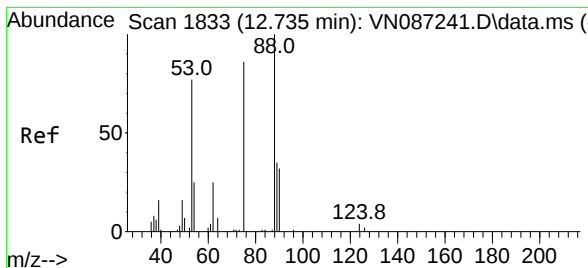
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.625 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Tgt Ion:105 Resp: 568409
Ion Ratio Lower Upper
105 100
120 51.5 25.3 75.8





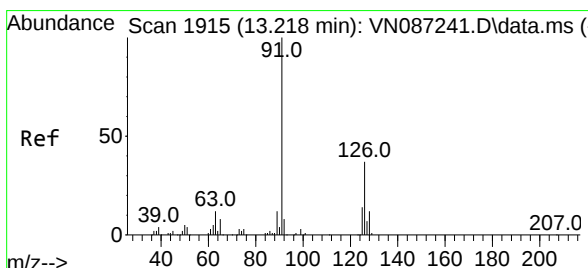
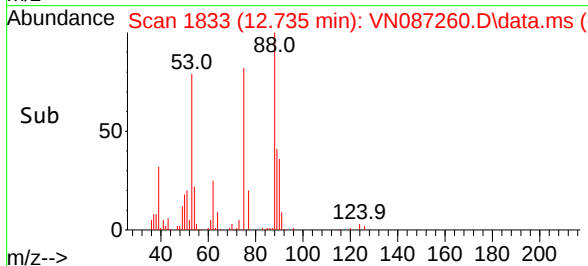
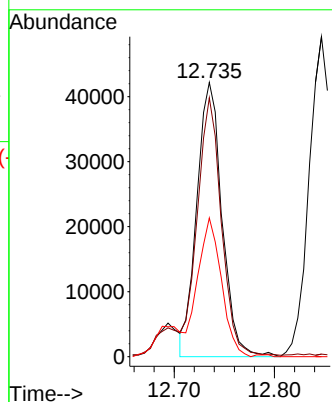
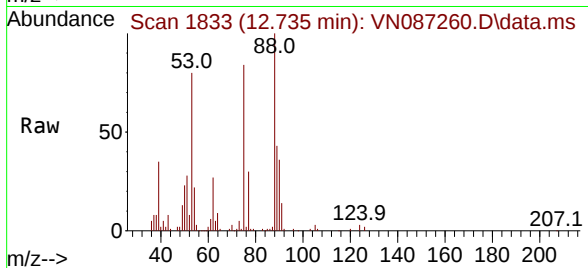
#81
trans-1,4-Dichloro-2-butene
Concen: 42.865 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7382
Ion Ratio Lower Upper
75 100
53 99.1 70.6 105.8
89 46.9 36.1 54.1

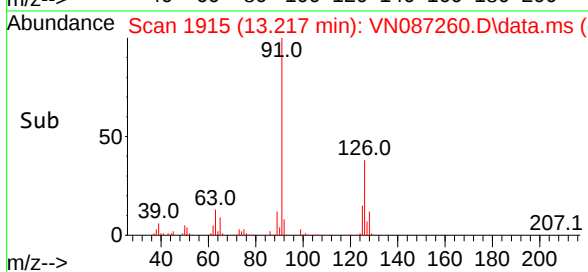
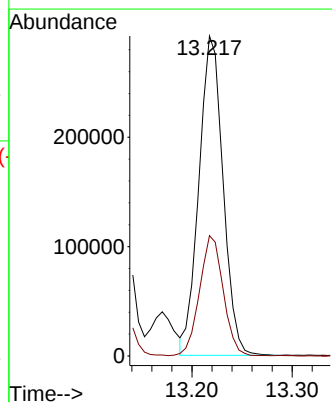
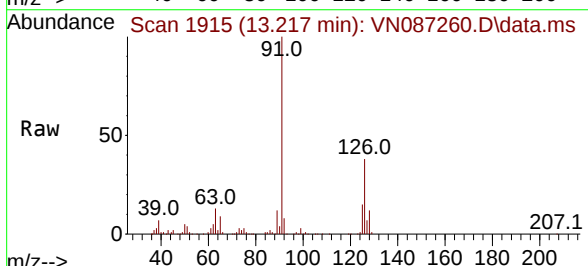
Manual Integrations
APPROVED

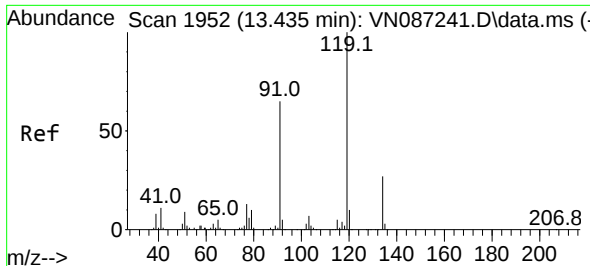
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#82
4-Chlorotoluene
Concen: 47.361 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

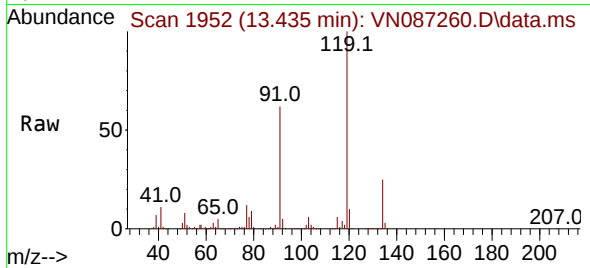
Tgt Ion: 91 Resp: 488403
Ion Ratio Lower Upper
91 100
126 36.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.569 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

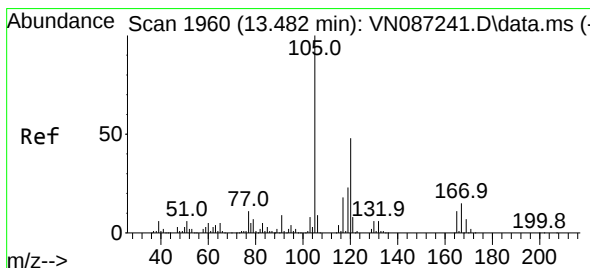
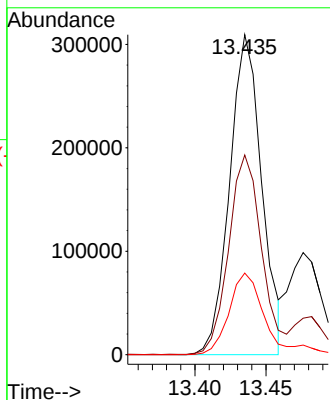
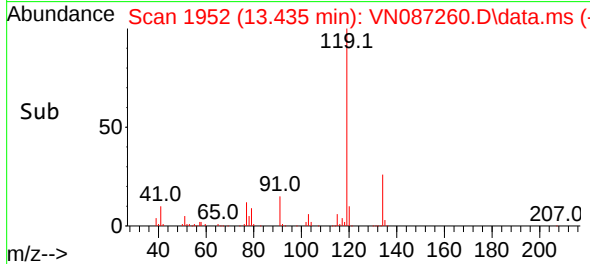
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



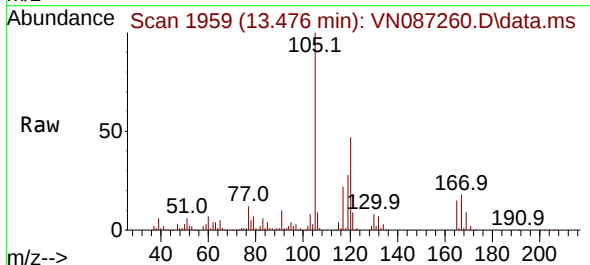
Tgt Ion:119 Resp: 487399
Ion Ratio Lower Upper
119 100
91 64.4 32.5 97.4
134 28.7 14.2 42.8

Manual Integrations
APPROVED

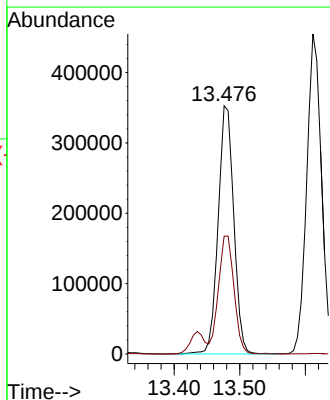
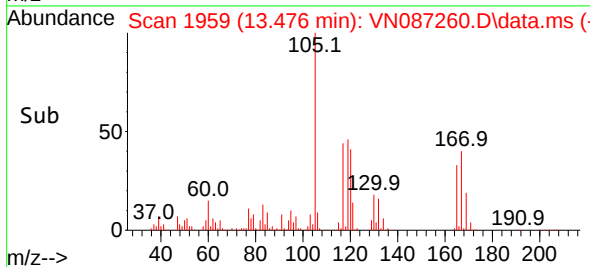
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

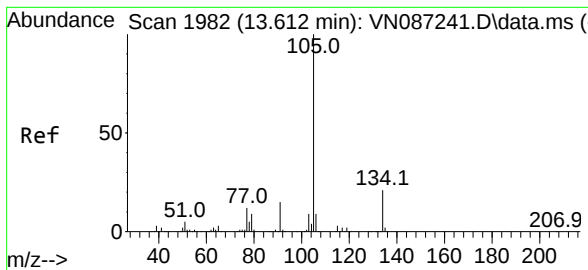


#84
1,2,4-Trimethylbenzene
Concen: 50.784 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



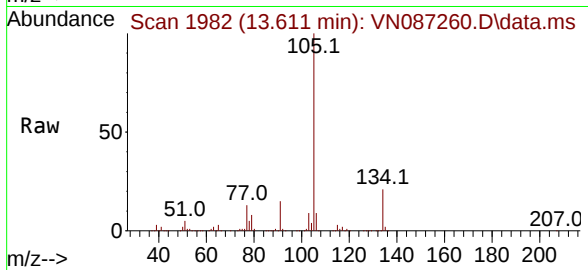
Tgt Ion:105 Resp: 582698
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 50.002 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087260.D
 Acq: 03 Jul 2025 10:50

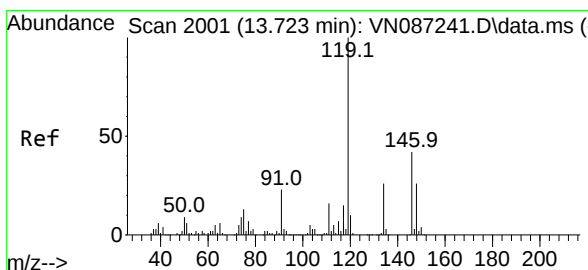
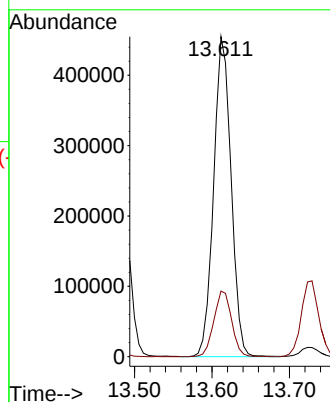
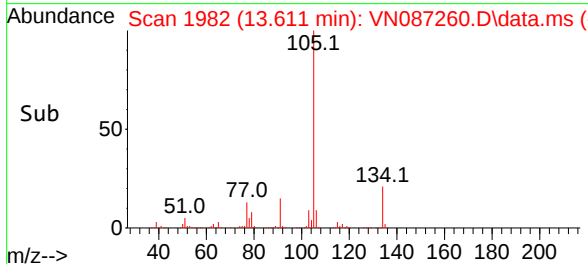
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



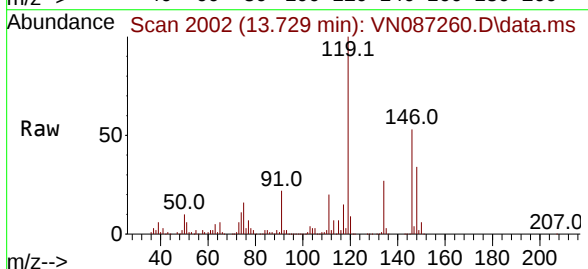
Tgt Ion:105 Resp: 71126
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4

Manual Integrations
 APPROVED

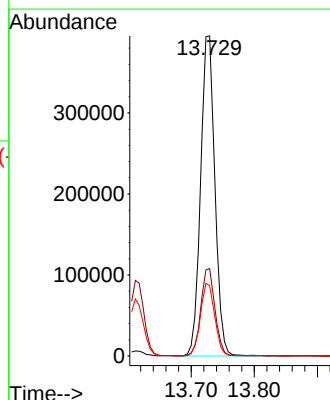
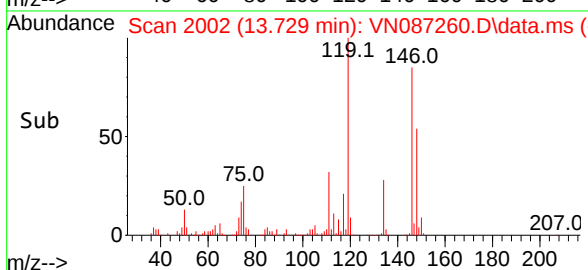
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

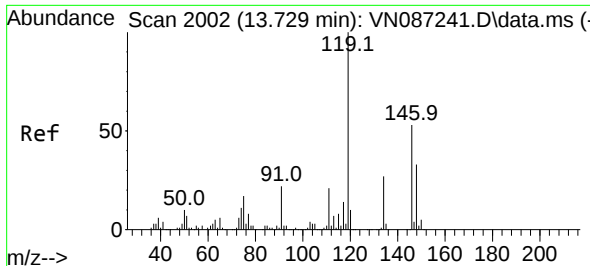


#86
 p-Isopropyltoluene
 Concen: 50.847 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN087260.D
 Acq: 03 Jul 2025 10:50



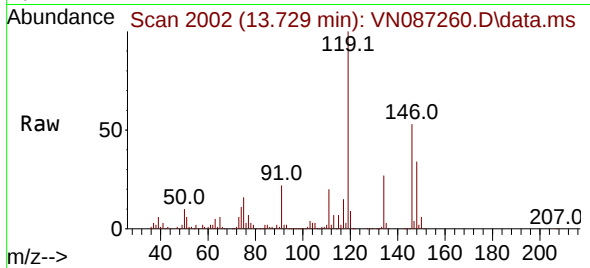
Tgt Ion:119 Resp: 621707
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.9 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 50.020 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

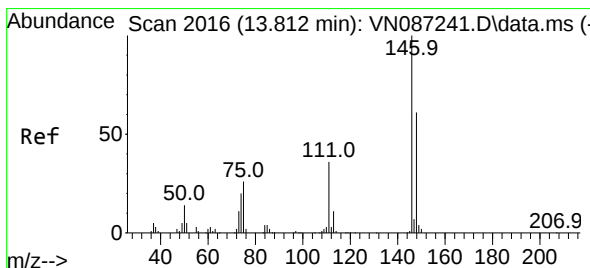
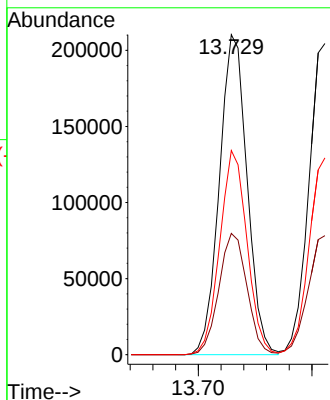
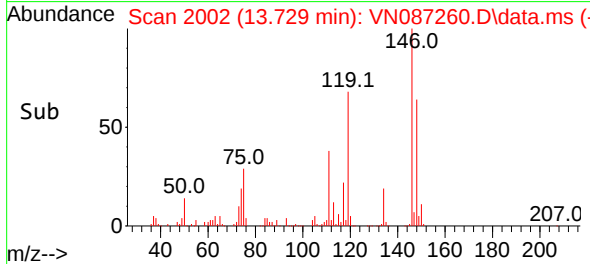
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



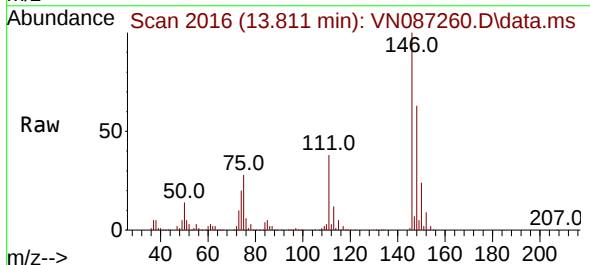
Tgt Ion:146 Resp: 356334
Ion Ratio Lower Upper
146 100
111 38.5 19.8 59.4
148 62.8 32.0 96.0

Manual Integrations
APPROVED

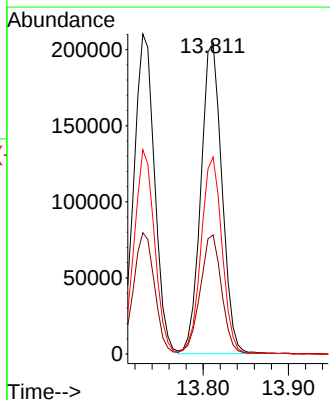
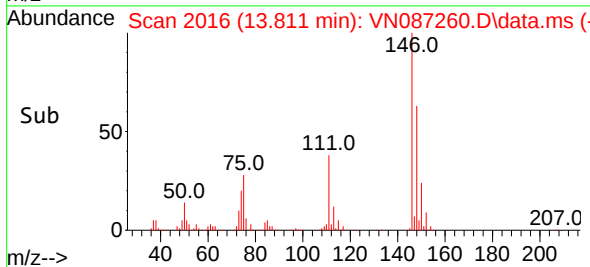
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

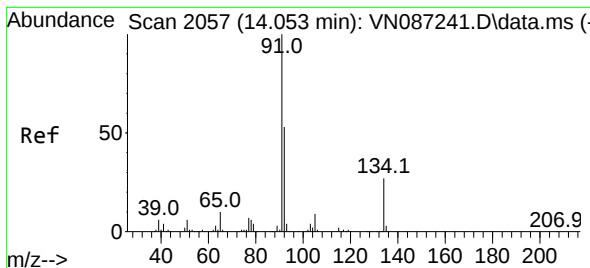


#88
1,4-Dichlorobenzene
Concen: 47.197 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



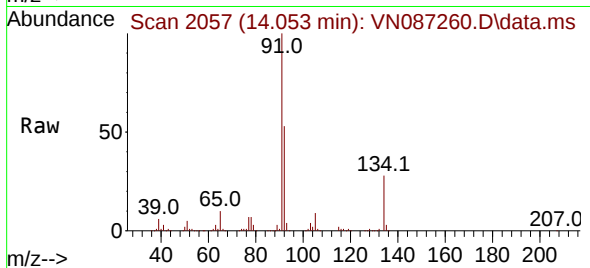
Tgt Ion:146 Resp: 351068
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 63.3 31.8 95.3





#89
n-Butylbenzene
Concen: 48.636 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

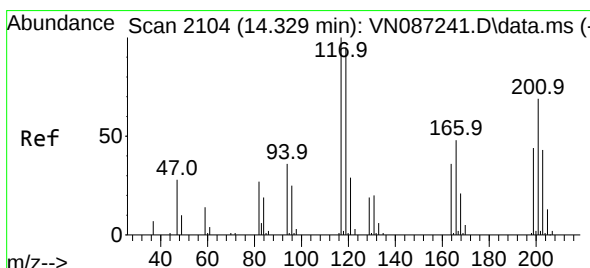
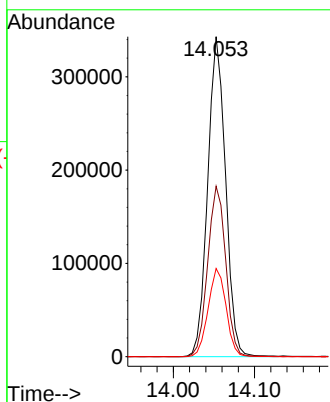
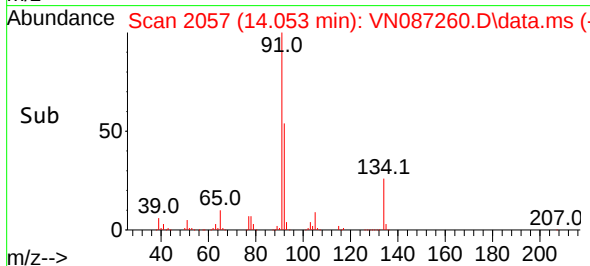
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 52358
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.0
134 27.7 13.7 41.1

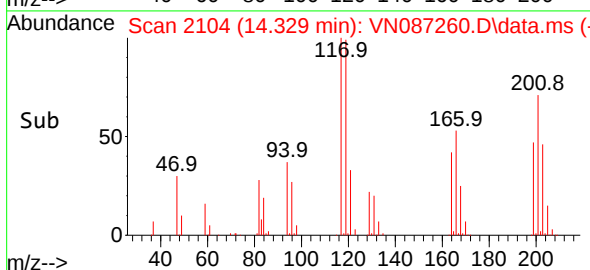
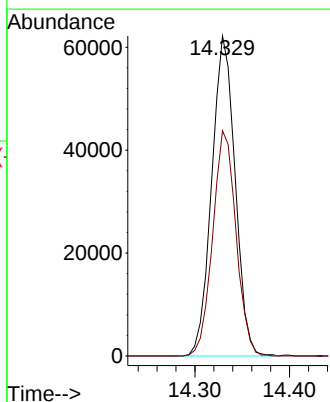
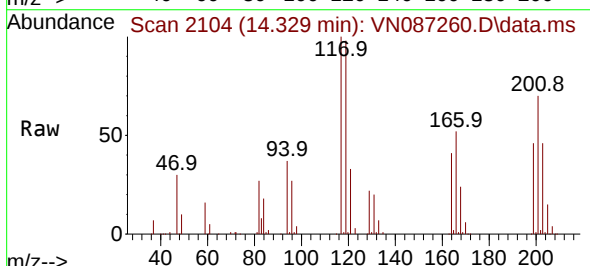
Manual Integrations
APPROVED

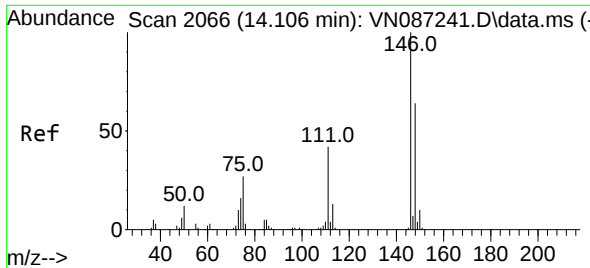
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#90
Hexachloroethane
Concen: 47.064 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

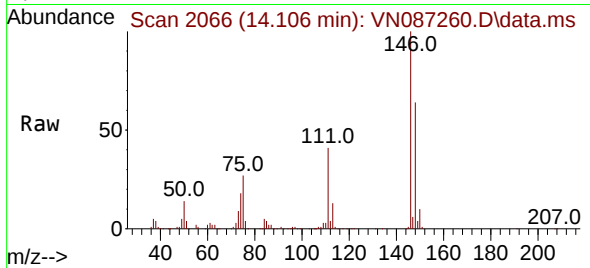
Tgt Ion:117 Resp: 106516
Ion Ratio Lower Upper
117 100
201 70.4 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 48.931 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

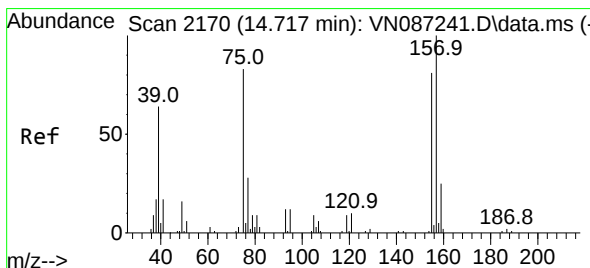
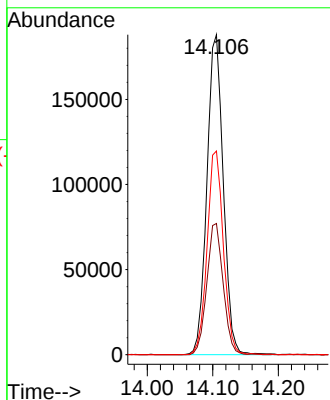
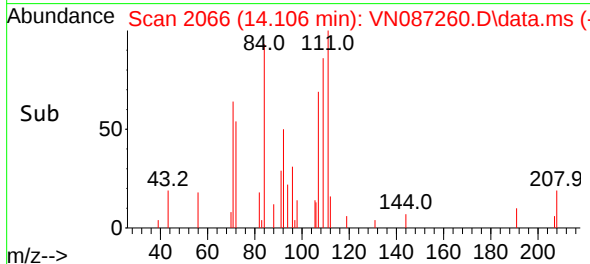
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



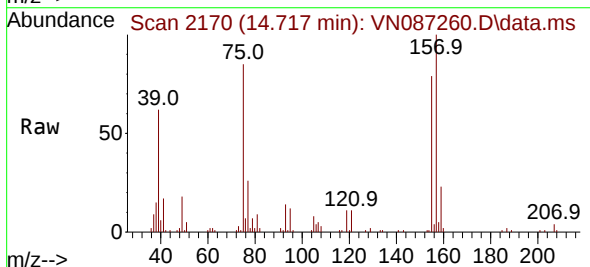
Tgt Ion:146 Resp: 326000
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 63.4 31.4 94.3

Manual Integrations
APPROVED

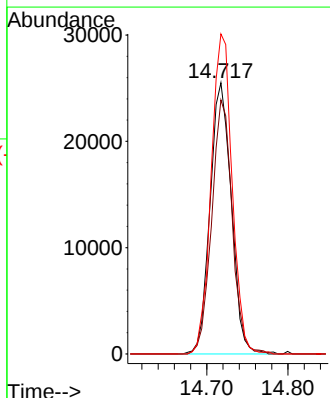
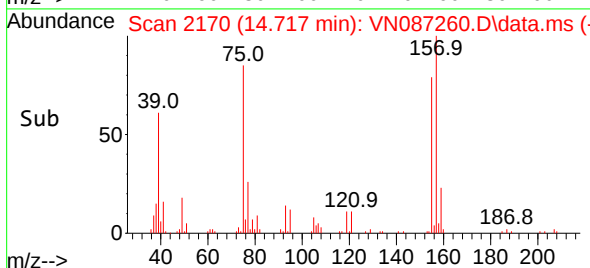
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

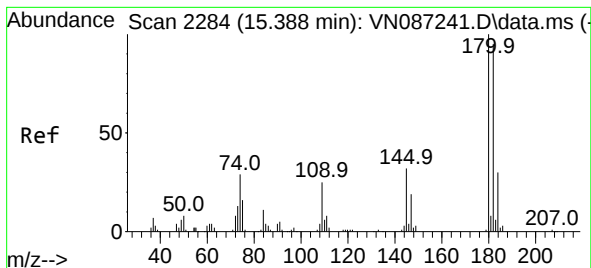


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.864 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



Tgt Ion: 75 Resp: 46431
Ion Ratio Lower Upper
75 100
155 90.3 46.8 140.3
157 116.4 58.1 174.4





#93

1,2,4-Trichlorobenzene

Concen: 45.709 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087260.D

Acq: 03 Jul 2025 10:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 18008

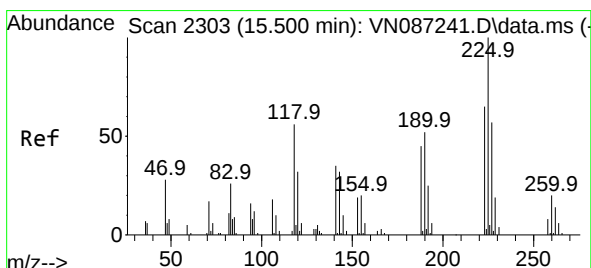
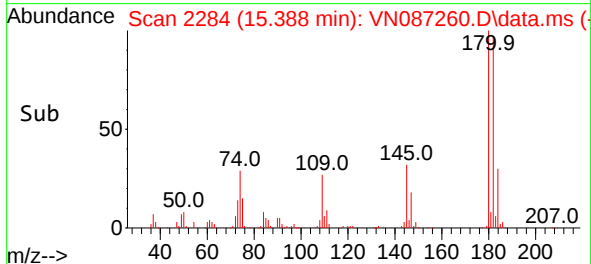
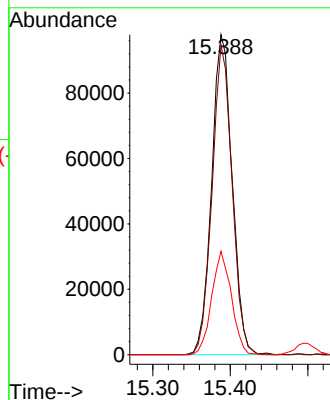
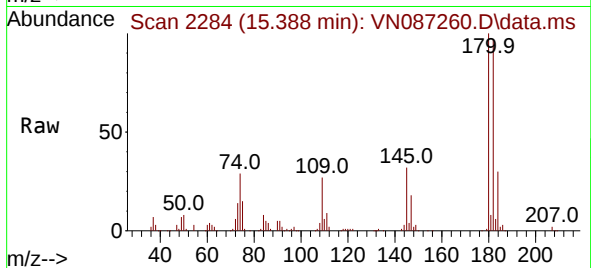
Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.0	144.0
145	31.0	15.4	46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#94

Hexachlorobutadiene

Concen: 41.316 ug/l

RT: 15.494 min Scan# 2302

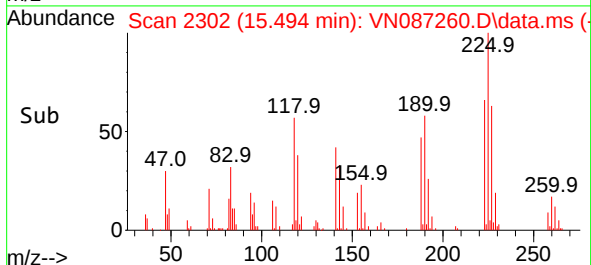
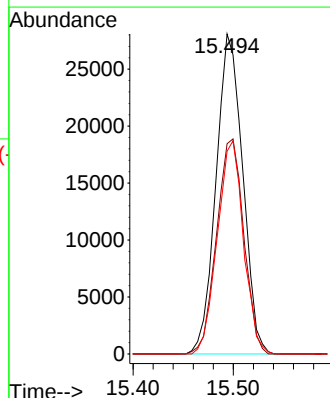
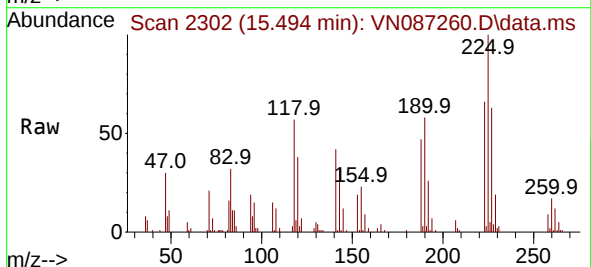
Delta R.T. -0.006 min

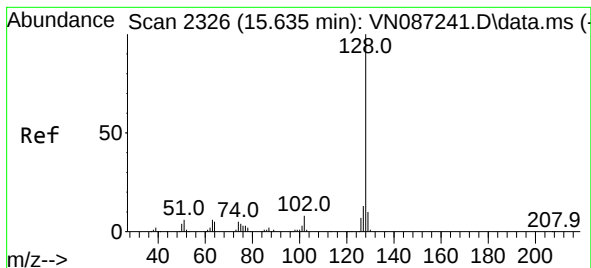
Lab File: VN087260.D

Acq: 03 Jul 2025 10:50

Tgt Ion:225 Resp: 51708

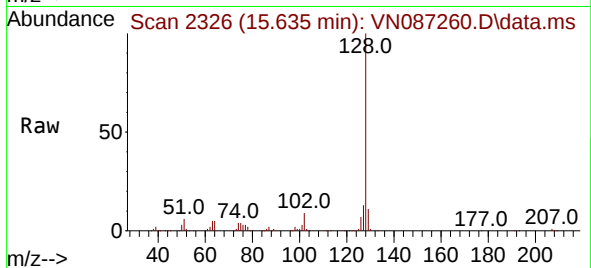
Ion	Ratio	Lower	Upper
225	100		
223	68.6	33.5	100.4
227	65.3	30.9	92.7





#95
Naphthalene
Concen: 45.449 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50

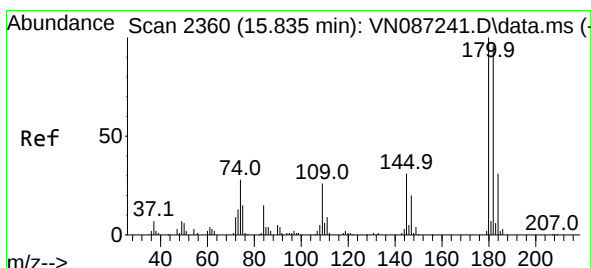
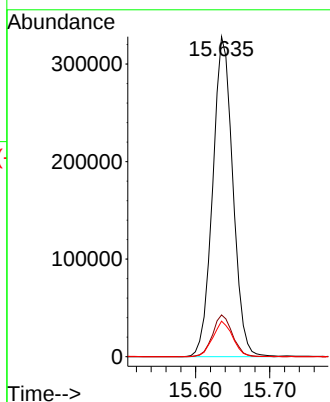
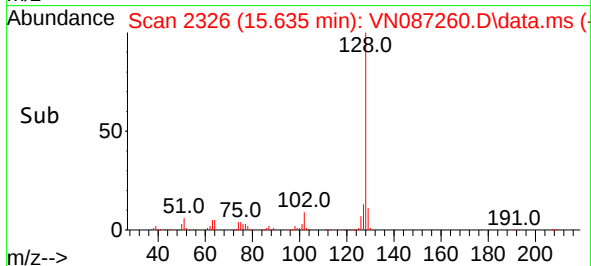
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



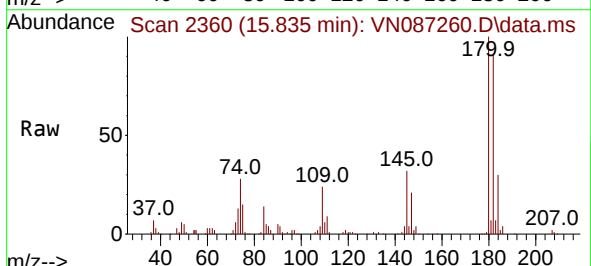
Tgt Ion:128 Resp: 619507
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.522 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087260.D
Acq: 03 Jul 2025 10:50



Tgt Ion:180 Resp: 178567
Ion Ratio Lower Upper
180 100
182 94.1 47.7 143.1
145 30.9 15.7 47.1

