

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087052.D
 Acq On : 17 Jun 2025 12:35
 Operator : JC\MD
 Sample : VN0617WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Quant Time: Jun 18 01:45:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	171983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	303445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	107906	46.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.720%
35) Dibromofluoromethane	8.177	113	93908	52.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.571	98	350871	49.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.847	95	133701	50.551	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.153	85	32852	19.158	ug/l	99
3) Chloromethane	2.395	50	34315	15.497	ug/l	99
4) Vinyl Chloride	2.553	62	44502	19.483	ug/l	95
5) Bromomethane	3.000	94	24187	18.922	ug/l	95
6) Chloroethane	3.159	64	29394	19.922	ug/l	98
7) Trichlorofluoromethane	3.530	101	58727	19.678	ug/l	100
8) Diethyl Ether	3.989	74	27627	21.247	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.406	101	37050	19.760	ug/l	97
10) Methyl Iodide	4.618	142	24828	10.215	ug/l	96
11) Tert butyl alcohol	5.530	59	53970	86.379	ug/l	99
12) 1,1-Dichloroethene	4.371	96	39568	20.671	ug/l	86
13) Acrolein	4.206	56	30310	153.257	ug/l	99
14) Allyl chloride	5.053	41	52359	16.493	ug/l	95
15) Acrylonitrile	5.736	53	134869	92.351	ug/l	100
16) Acetone	4.447	43	98290	80.492	ug/l	95
17) Carbon Disulfide	4.742	76	110387	20.848	ug/l	97
18) Methyl Acetate	5.047	43	53013	14.897	ug/l	94
19) Methyl tert-butyl Ether	5.818	73	136458	19.688	ug/l	97
20) Methylene Chloride	5.300	84	44917	19.647	ug/l	88
21) trans-1,2-Dichloroethene	5.812	96	43284	20.324	ug/l	91
22) Diisopropyl ether	6.688	45	121681	18.183	ug/l #	96
23) Vinyl Acetate	6.618	43	533977	94.444	ug/l	97
24) 1,1-Dichloroethane	6.588	63	73294	19.032	ug/l	100
25) 2-Butanone	7.494	43	166367	83.817	ug/l	93
26) 2,2-Dichloropropane	7.500	77	62886	20.993	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	51264	20.127	ug/l	95
28) Bromochloromethane	7.824	49	32878	17.364	ug/l	89
29) Tetrahydrofuran	7.847	42	110194	85.222	ug/l	91
30) Chloroform	7.977	83	74260	19.309	ug/l	99
31) Cyclohexane	8.265	56	65250	17.471	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	62815	19.204	ug/l	99
36) 1,1-Dichloropropene	8.382	75	55184	20.594	ug/l	99
37) Ethyl Acetate	7.571	43	60959	17.870	ug/l	97
38) Carbon Tetrachloride	8.371	117	52548	19.974	ug/l	98
39) Methylcyclohexane	9.606	83	60644	16.519	ug/l	96
40) Benzene	8.612	78	178683	20.392	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33206	17.333	ug/l	92
42) 1,2-Dichloroethane	8.677	62	53416	20.098	ug/l	98
43) Isopropyl Acetate	8.694	43	98853	18.055	ug/l	95
44) Trichloroethene	9.359	130	44074	21.212	ug/l	98
45) 1,2-Dichloropropane	9.624	63	42620	19.993	ug/l	92
46) Dibromomethane	9.712	93	30004	21.190	ug/l	96
47) Bromodichloromethane	9.888	83	60069	20.619	ug/l	98
48) Methyl methacrylate	9.682	41	43909	17.425	ug/l	92
49) 1,4-Dioxane	9.700	88	17810	388.500	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	303487	92.078	ug/l	97
52) Toluene	10.629	92	111495	20.821	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	67454	20.706	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	73512	21.090	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	43421	21.073	ug/l	98
56) Ethyl methacrylate	10.882	69	68003	20.721	ug/l #	93
57) 1,3-Dichloropropane	11.165	76	72899	20.395	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	178821	91.353	ug/l	96
59) 2-Hexanone	11.206	43	175135	82.492	ug/l	88
60) Dibromochloromethane	11.359	129	46880	21.837	ug/l	100
61) 1,2-Dibromoethane	11.470	107	45506	21.547	ug/l	99
64) Tetrachloroethene	11.106	164	35206	21.188	ug/l	92
65) Chlorobenzene	11.894	112	124039	21.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	40384	21.695	ug/l	98
67) Ethyl Benzene	11.965	91	203154	20.367	ug/l	98
68) m/p-Xylenes	12.070	106	163156	42.731	ug/l	96
69) o-Xylene	12.394	106	79158	21.646	ug/l	95
70) Styrene	12.412	104	133343	21.309	ug/l	99
71) Bromoform	12.582	173	30707	22.264	ug/l #	96
73) Isopropylbenzene	12.694	105	187504	19.831	ug/l	99
74) N-amyl acetate	12.547	43	44655	13.515	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.935	83	68144	21.274	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	90141	29.218	ug/l	70
77) Bromobenzene	12.982	156	47832	22.059	ug/l	95
78) n-propylbenzene	13.035	91	216960	18.881	ug/l	98
79) 2-Chlorotoluene	13.123	91	138007	20.027	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	149431	19.142	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	24159	18.026	ug/l	97
82) 4-Chlorotoluene	13.217	91	140095	20.092	ug/l	99
83) tert-Butylbenzene	13.435	119	130042	18.198	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	152004	19.418	ug/l	97
85) sec-Butylbenzene	13.612	105	176580	17.016	ug/l	100
86) p-Isopropyltoluene	13.729	119	150247	17.515	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	88414	20.724	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	90913	20.901	ug/l	99
89) n-Butylbenzene	14.053	91	131374	15.811	ug/l	99
90) Hexachloroethane	14.329	117	25503	17.539	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	84520	20.621	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14366	18.753	ug/l	86
93) 1,2,4-Trichlorobenzene	15.388	180	44937	17.169	ug/l	96
94) Hexachlorobutadiene	15.500	225	13638	13.986	ug/l	97
95) Naphthalene	15.635	128	203721	20.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	42367	16.292	ug/l	94

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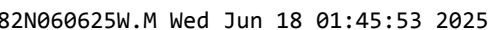
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

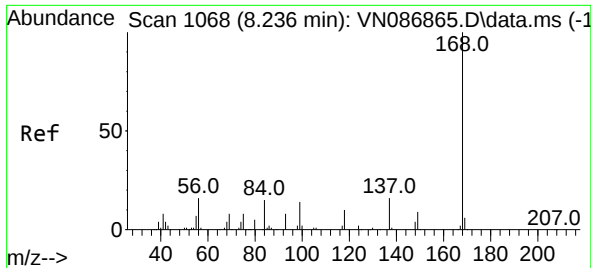
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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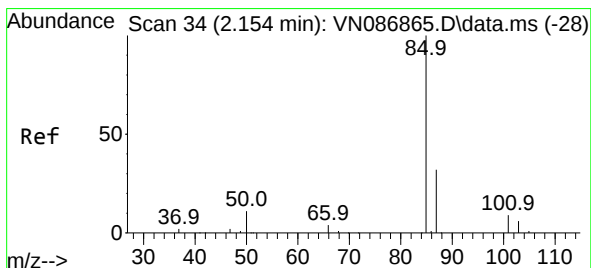
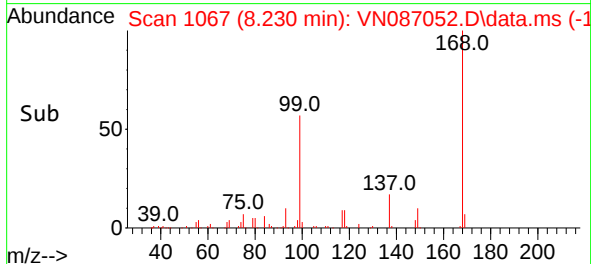
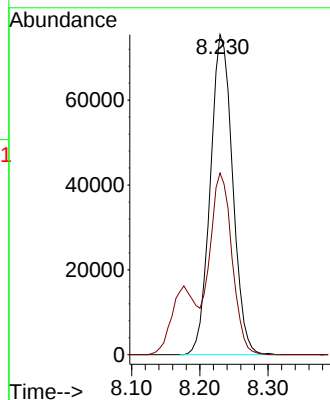
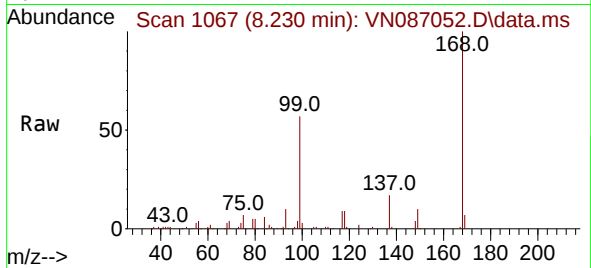




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
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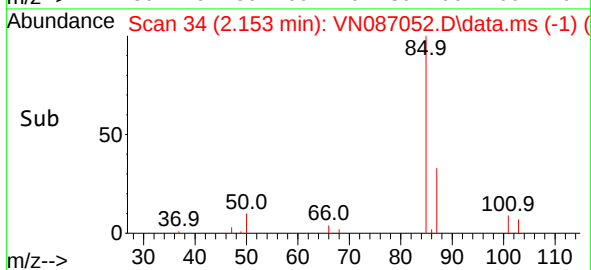
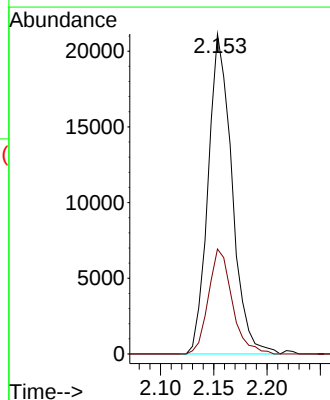
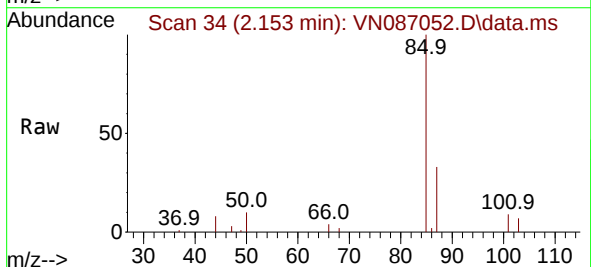
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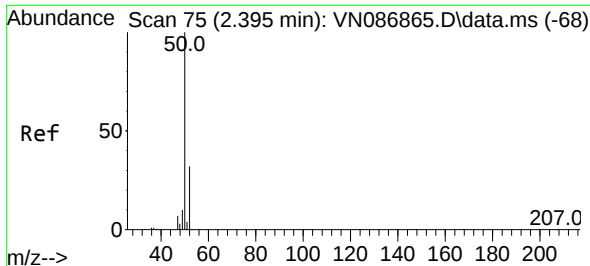
Tgt Ion:168 Resp: 171983
Ion Ratio Lower Upper
168 100
99 56.7 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 19.158 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 85 Resp: 32852
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6

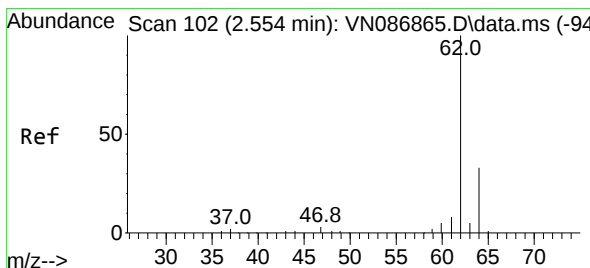
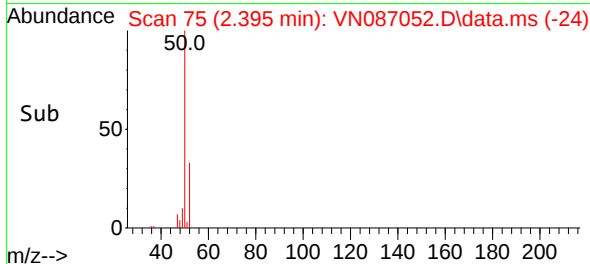
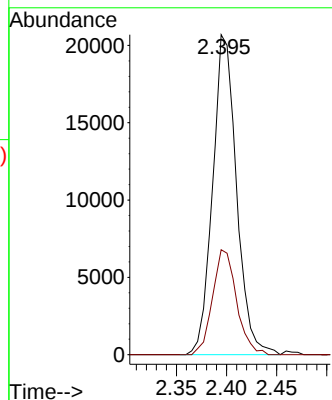
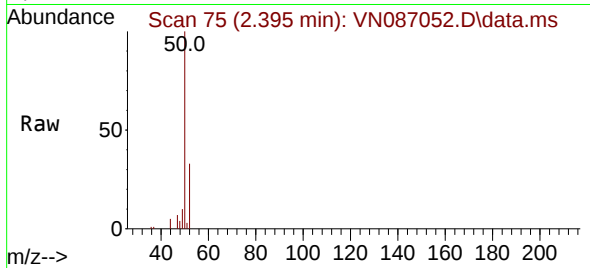




#3
Chloromethane
Concen: 15.497 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

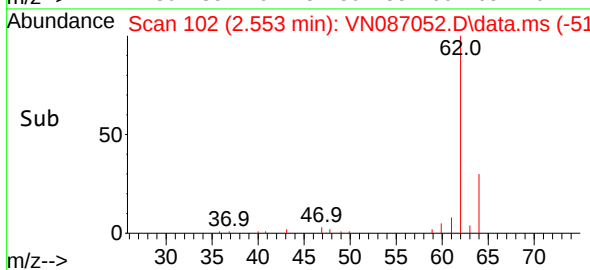
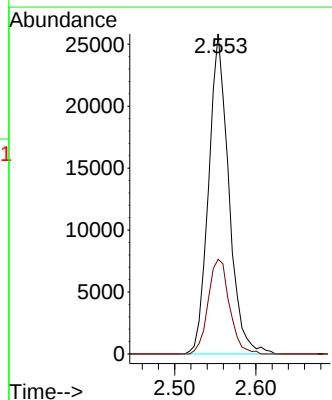
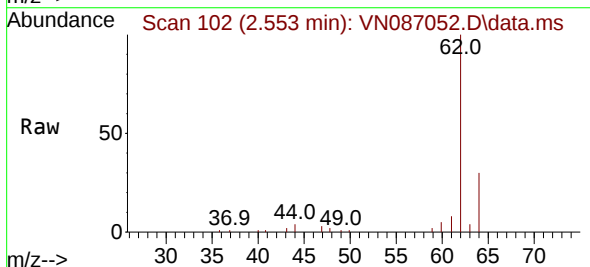
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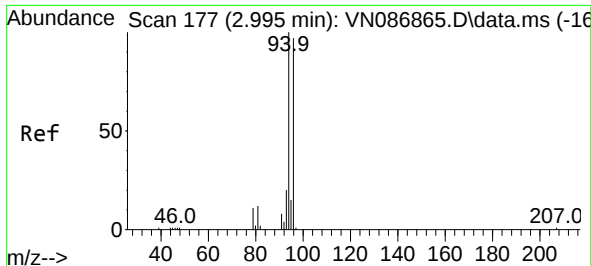
Tgt Ion: 50 Resp: 34315
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 19.483 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 62 Resp: 44502
Ion Ratio Lower Upper
62 100
64 29.6 26.0 39.0

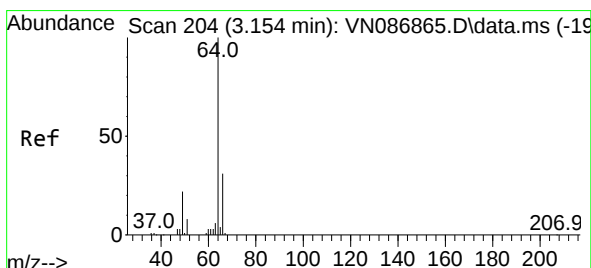
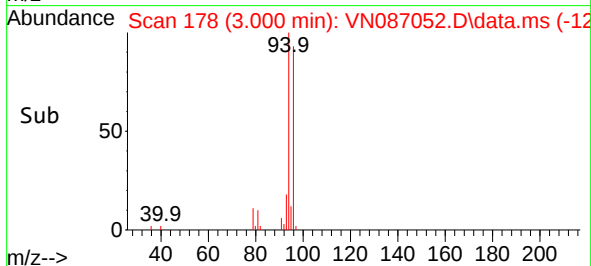
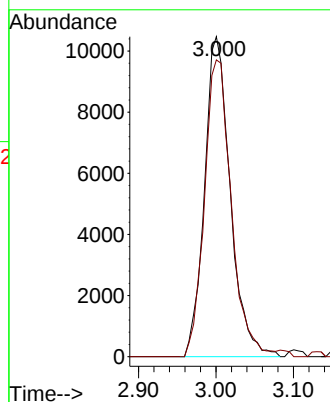
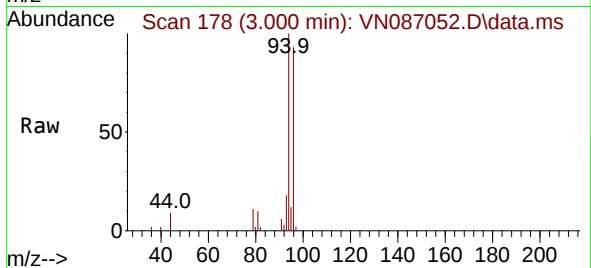




#5
Bromomethane
Concen: 18.922 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087052.D
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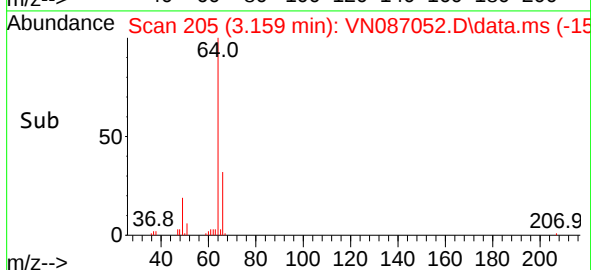
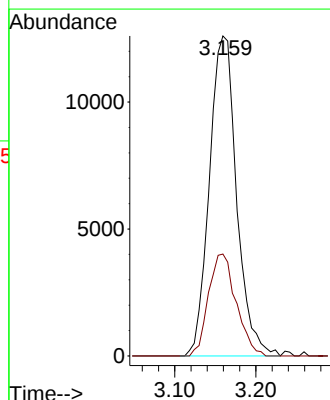
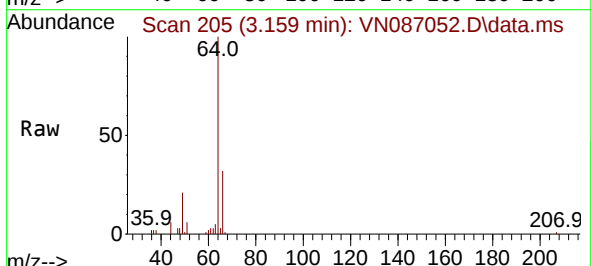
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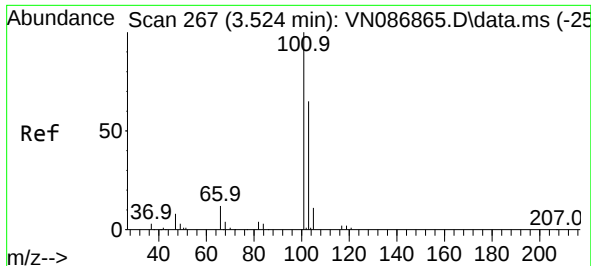
Tgt Ion: 94 Resp: 24187
Ion Ratio Lower Upper
94 100
96 92.8 77.9 116.9



#6
Chloroethane
Concen: 19.922 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 64 Resp: 29394
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8

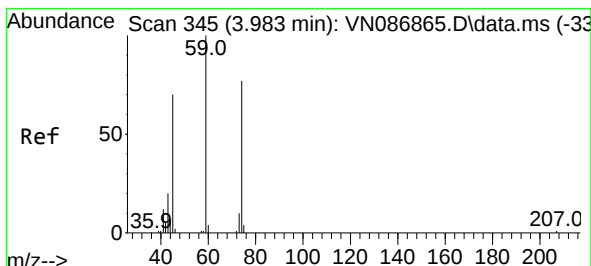
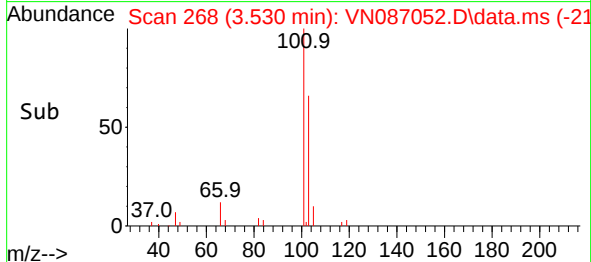
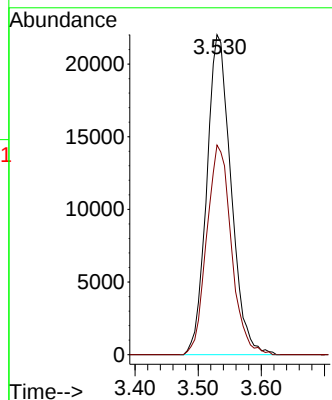
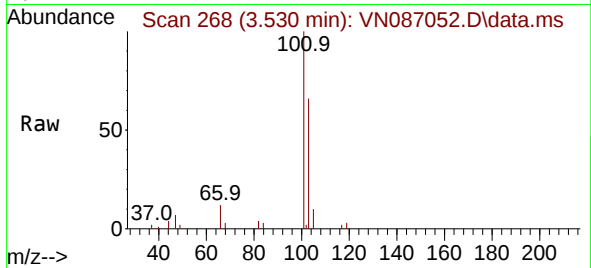




#7
Trichlorofluoromethane
Concen: 19.678 ug/l
RT: 3.530 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

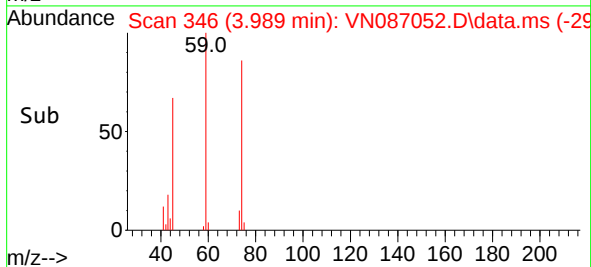
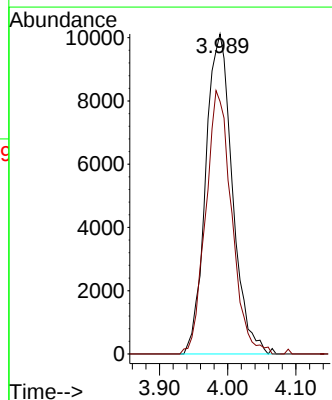
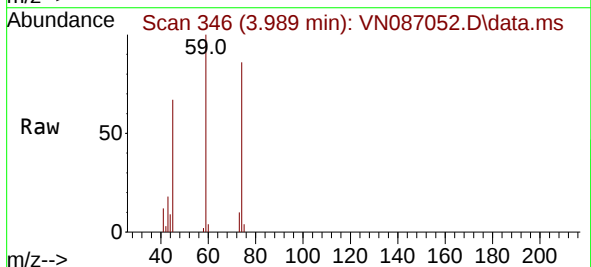
Instrument :
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Tgt Ion:101 Resp: 58727
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.2



#8
Diethyl Ether
Concen: 21.247 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 74 Resp: 27627
Ion Ratio Lower Upper
74 100
45 79.9 45.5 136.5

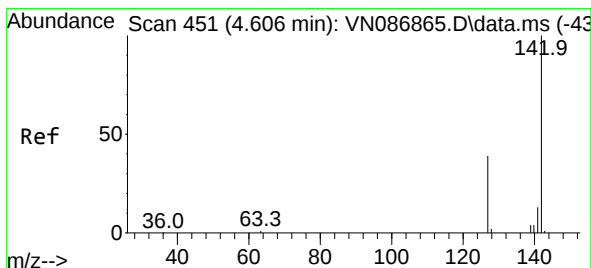
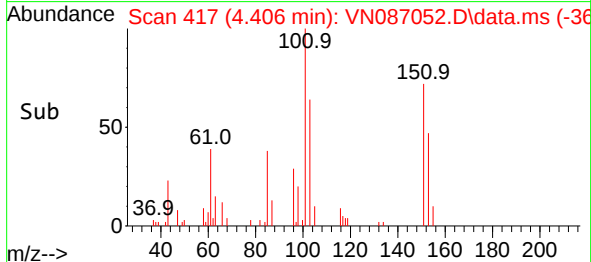
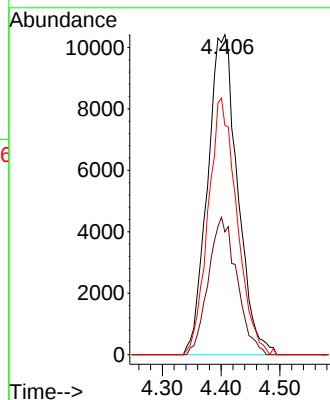
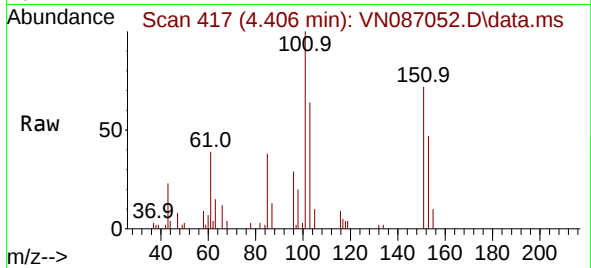




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.760 ug/l
RT: 4.406 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN087052.D
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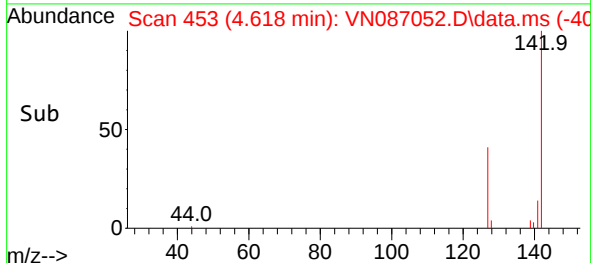
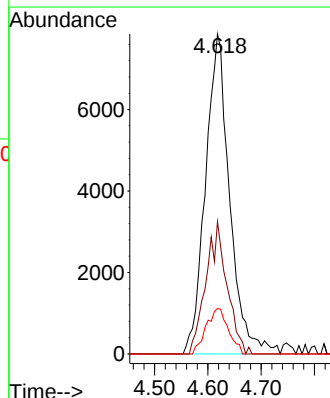
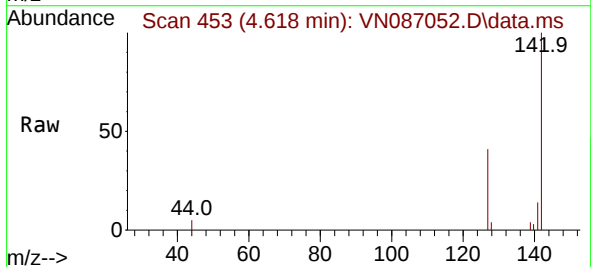
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion:101 Resp: 37050
Ion Ratio Lower Upper
101 100
85 40.7 33.8 50.8
151 76.6 58.7 88.1



#10
Methyl Iodide
Concen: 10.215 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:142 Resp: 24828
Ion Ratio Lower Upper
142 100
127 41.4 30.9 46.3
141 14.2 10.4 15.6

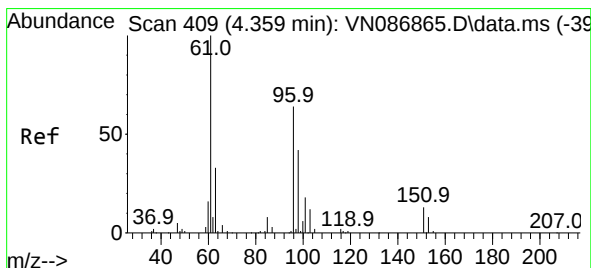
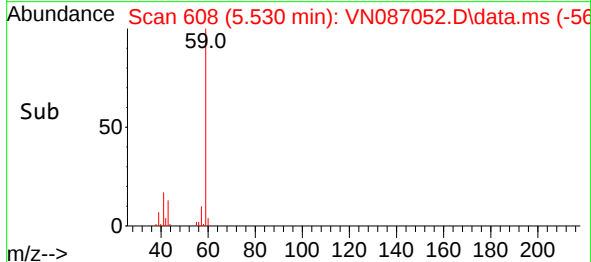
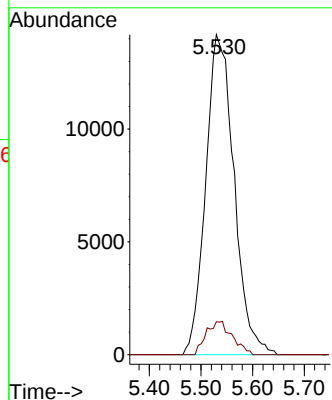
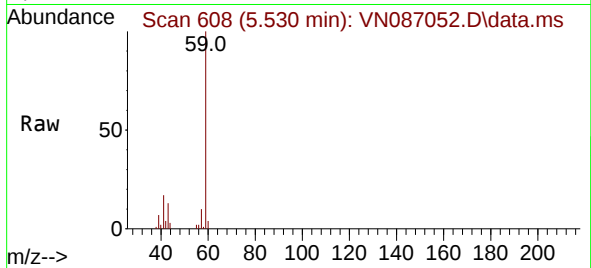




#11
Tert butyl alcohol
Concen: 86.379 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

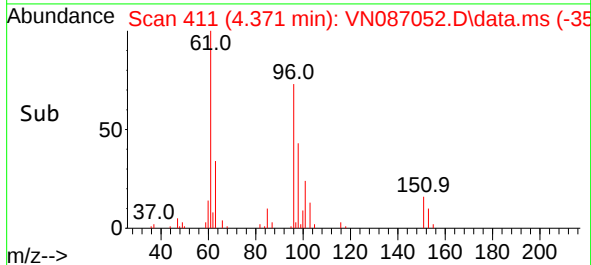
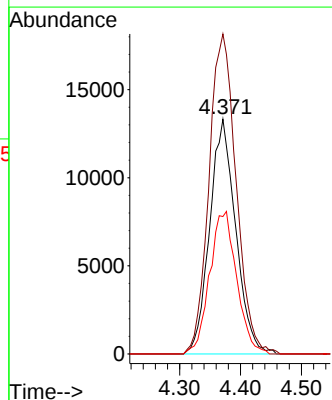
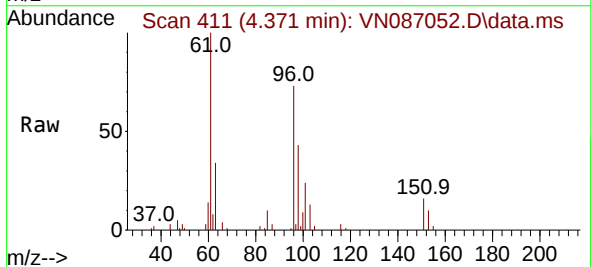
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

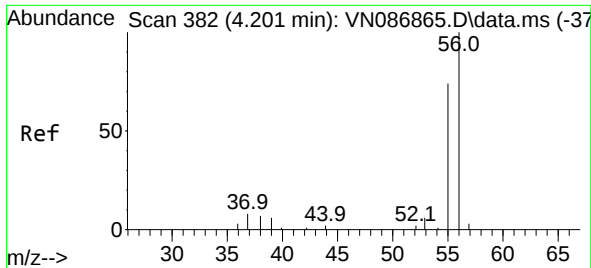
Tgt Ion: 59 Resp: 53970
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.671 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 96 Resp: 39568
Ion Ratio Lower Upper
96 100
61 136.3 125.8 188.6
98 58.5 52.5 78.7

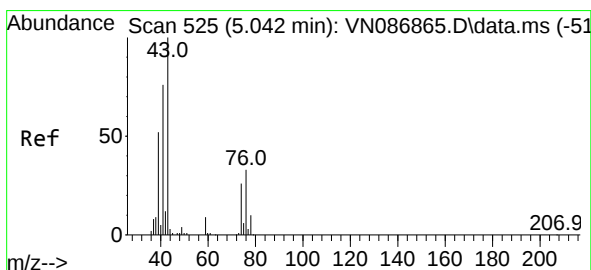
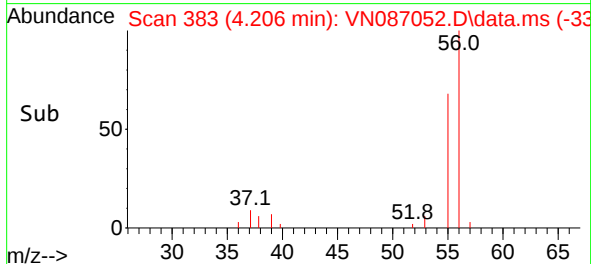
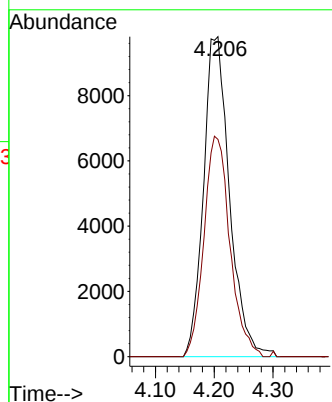
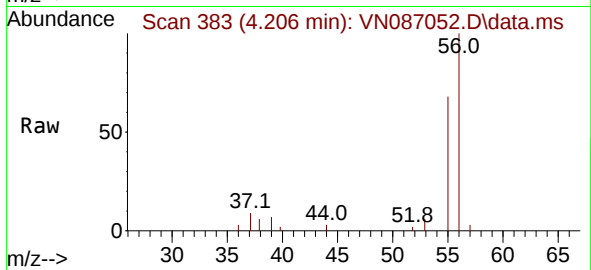




#13
Acrolein
Concen: 153.257 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

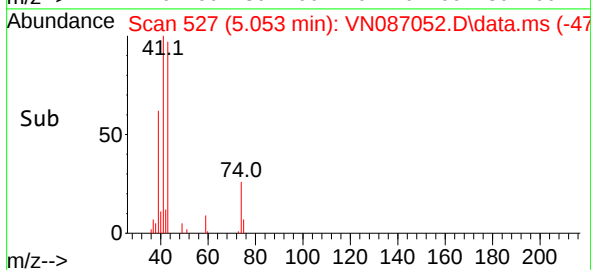
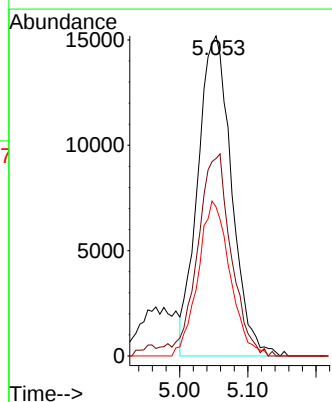
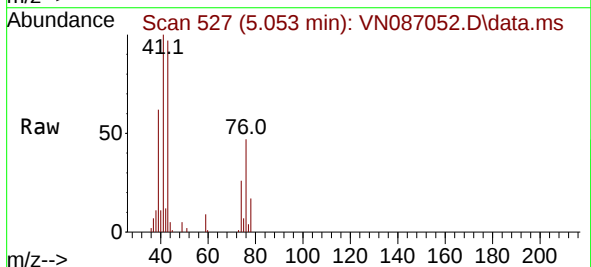
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion: 56 Resp: 30310
Ion Ratio Lower Upper
56 100
55 68.5 55.6 83.4



#14
Allyl chloride
Concen: 16.493 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

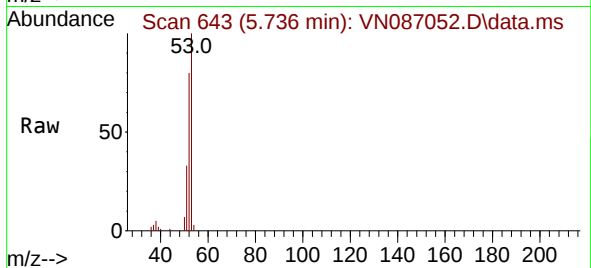
Tgt Ion: 41 Resp: 52359
Ion Ratio Lower Upper
41 100
39 63.1 51.3 76.9
76 45.8 31.4 47.0



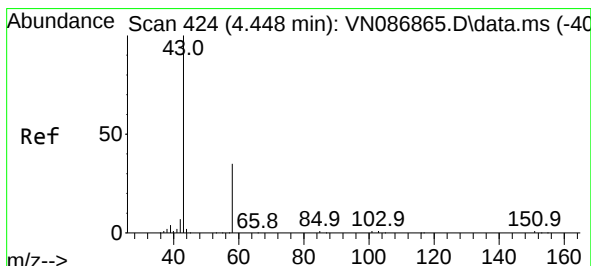
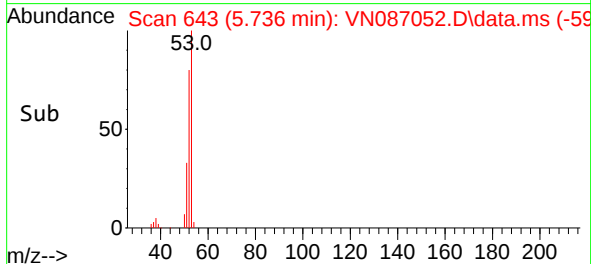
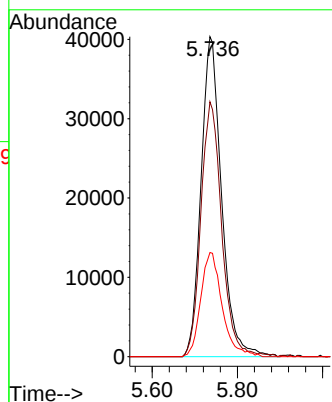


#15
Acrylonitrile
Concen: 92.351 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

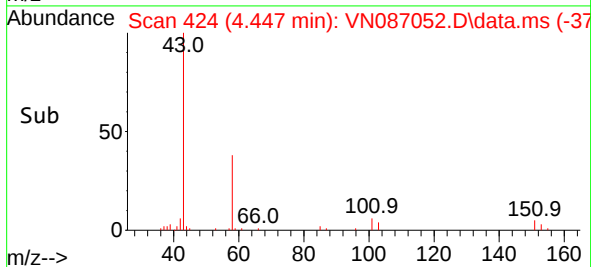
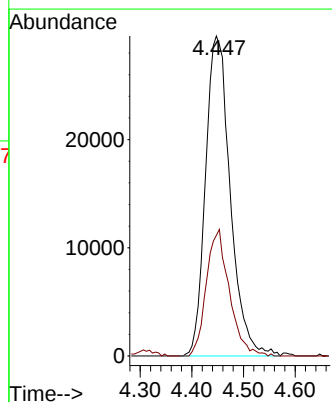
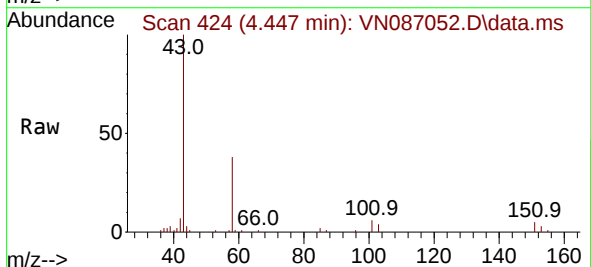


Tgt Ion: 53 Resp: 134869
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.6
51 34.0 27.2 40.8



#16
Acetone
Concen: 80.492 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 43 Resp: 98290
Ion Ratio Lower Upper
43 100
58 37.7 28.0 42.0

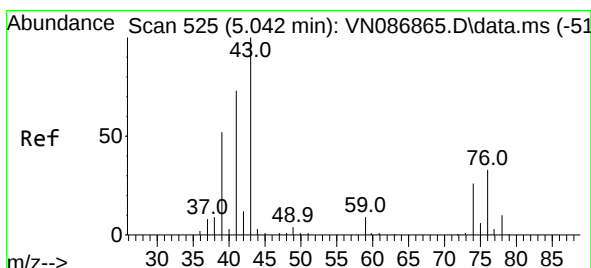
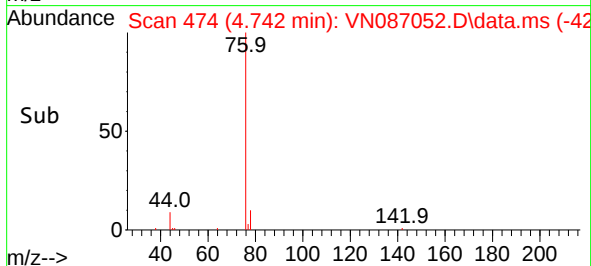
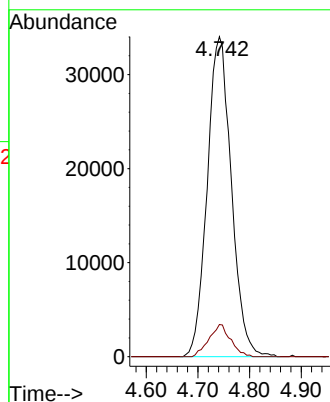
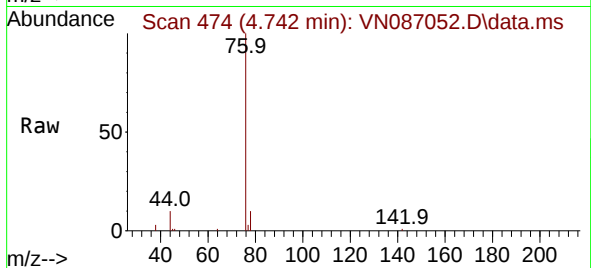




#17
Carbon Disulfide
Concen: 20.848 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.012 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

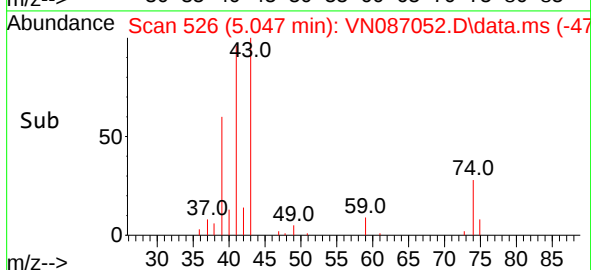
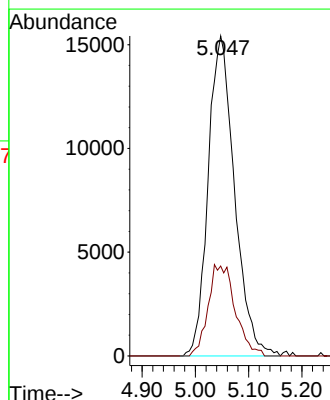
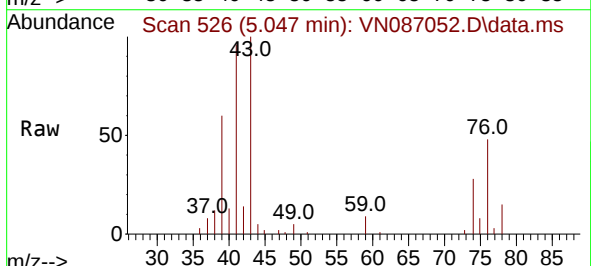
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

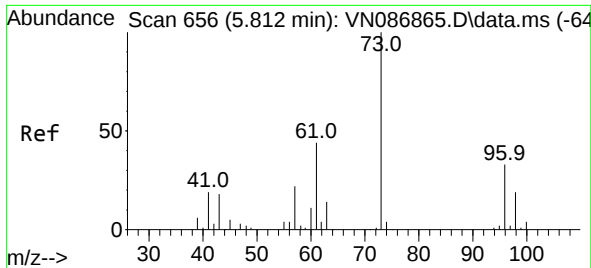
Tgt Ion: 76 Resp: 110387
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 14.897 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 43 Resp: 53013
Ion Ratio Lower Upper
43 100
74 29.2 20.7 31.1

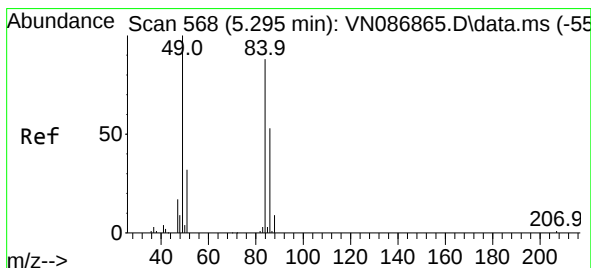
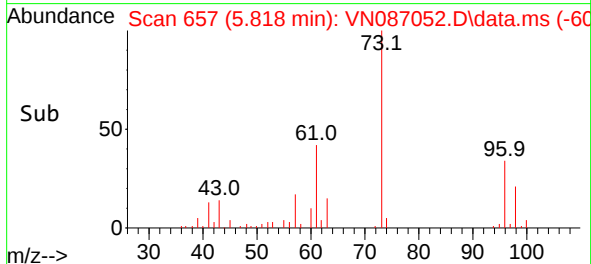
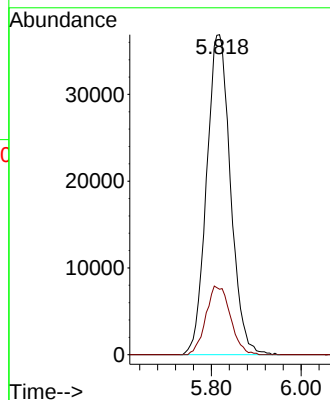
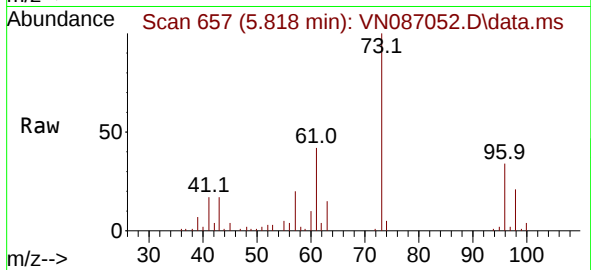




#19
Methyl tert-butyl Ether
Concen: 19.688 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

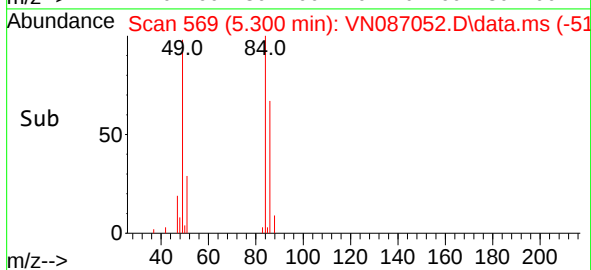
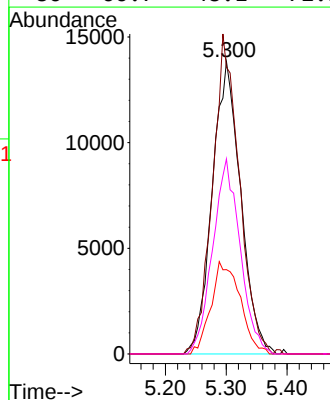
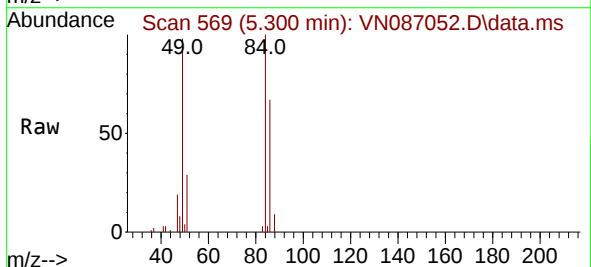
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

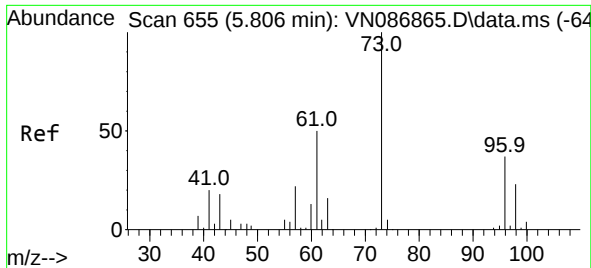
Tgt Ion: 73 Resp: 136458
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.2



#20
Methylene Chloride
Concen: 19.647 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 84 Resp: 44917
Ion Ratio Lower Upper
84 100
49 98.0 90.5 135.7
51 28.9 28.5 42.7
86 66.7 48.1 72.1

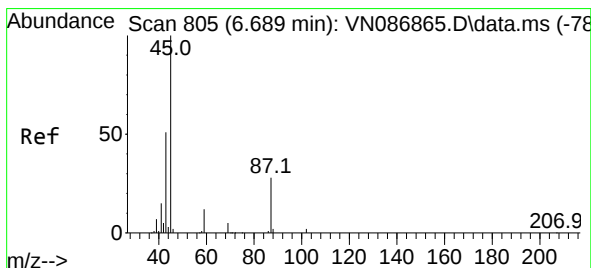
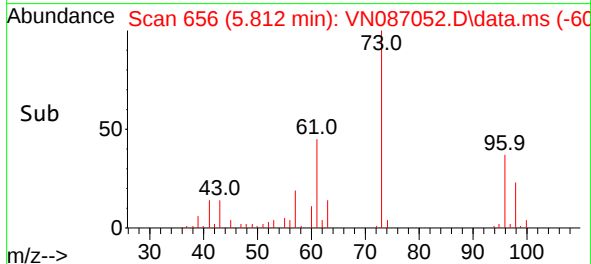
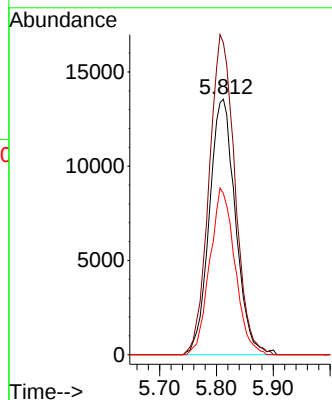
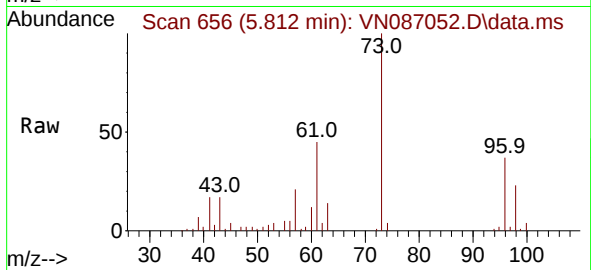




#21
trans-1,2-Dichloroethene
Concen: 20.324 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

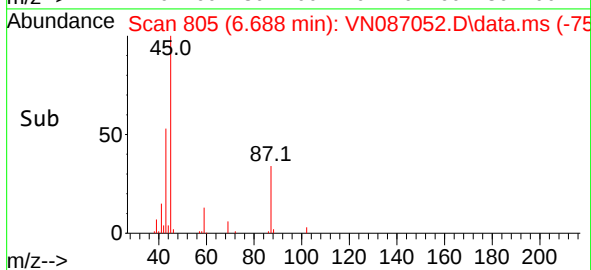
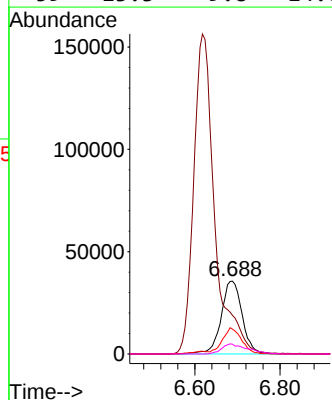
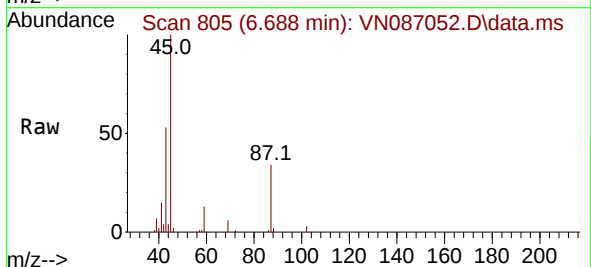
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion: 96 Resp: 43284
Ion Ratio Lower Upper
96 100
61 122.1 109.2 163.8
98 63.1 49.8 74.8



#22
Diisopropyl ether
Concen: 18.183 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 45 Resp: 121681
Ion Ratio Lower Upper
45 100
43 52.3 41.9 62.9
87 34.0 22.4 33.6#
59 13.3 9.8 14.6

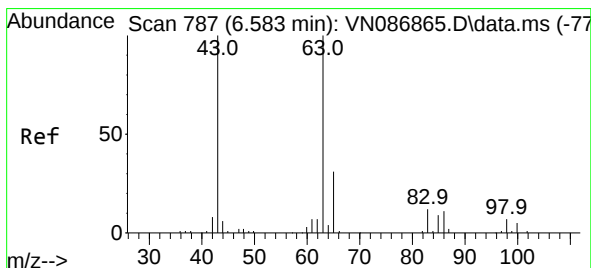
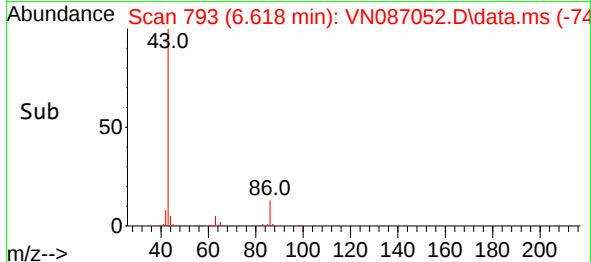
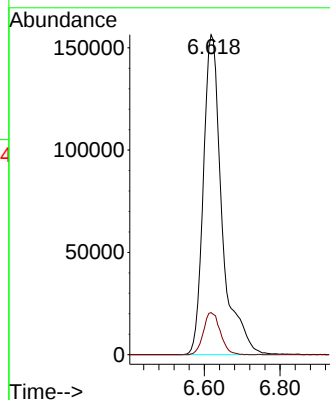
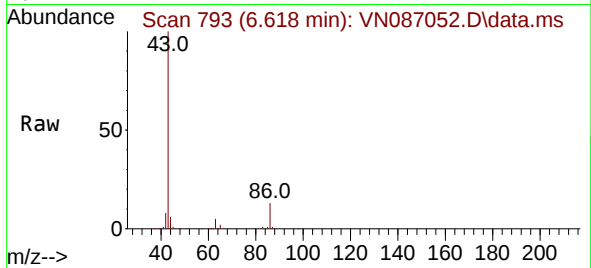




#23
 Vinyl Acetate
 Concen: 94.444 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087052.D
 Acq: 17 Jun 2025 12:35

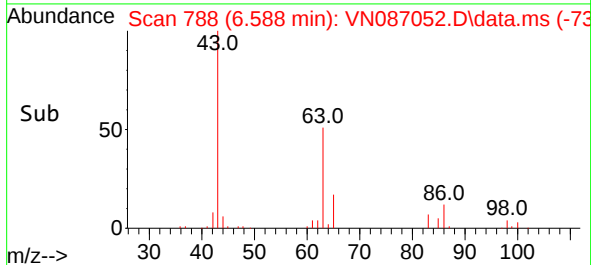
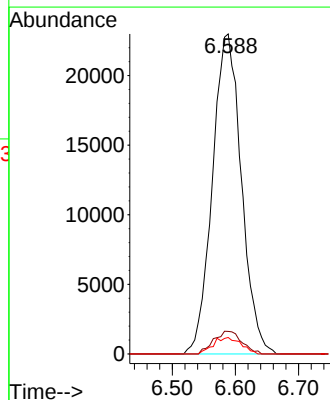
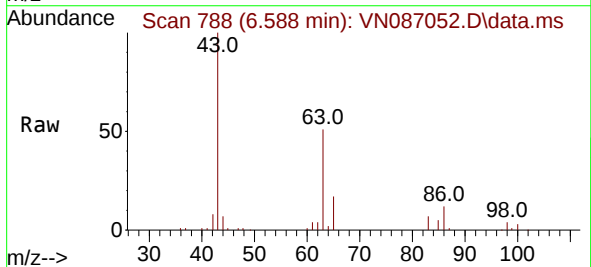
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tgt Ion: 43 Resp: 533977
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 19.032 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087052.D
 Acq: 17 Jun 2025 12:35

Tgt Ion: 63 Resp: 73294
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 5.1 2.6 7.8

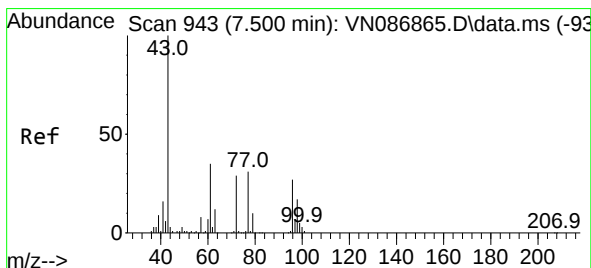
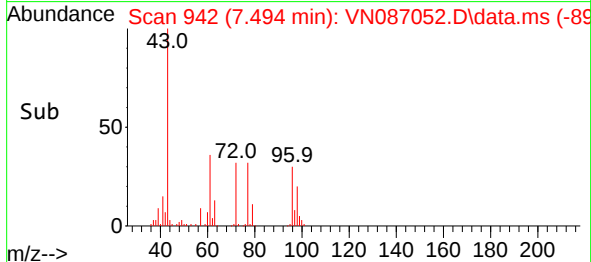
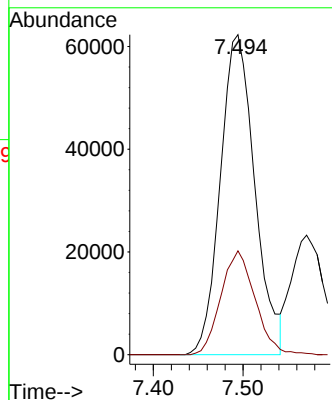
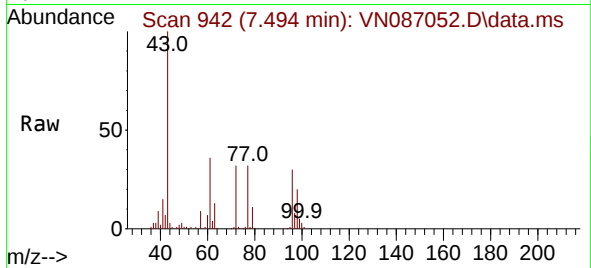




#25
2-Butanone
Concen: 83.817 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

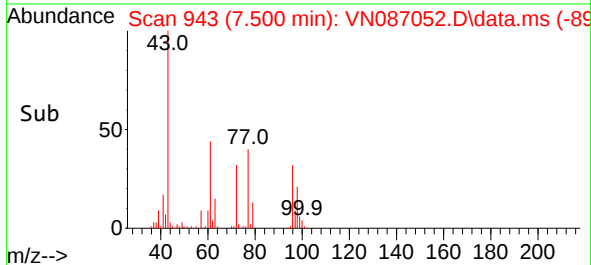
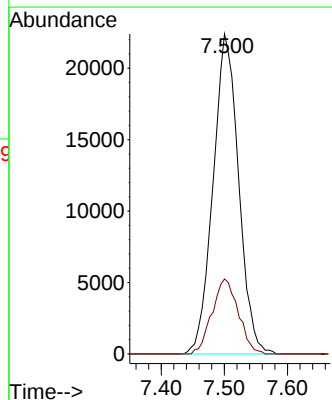
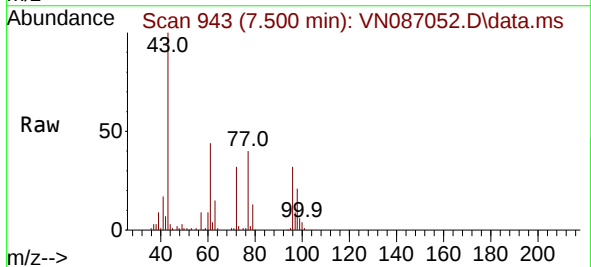
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion: 43 Resp: 166367
Ion Ratio Lower Upper
43 100
72 32.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 20.993 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 77 Resp: 62886
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.7

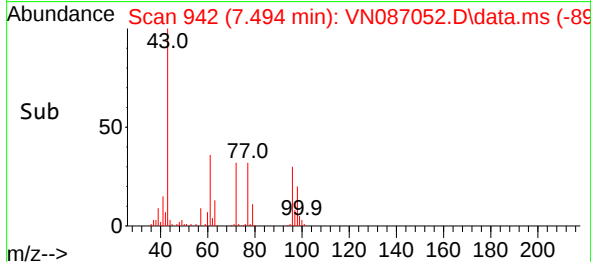
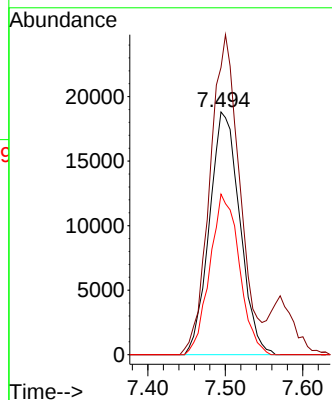
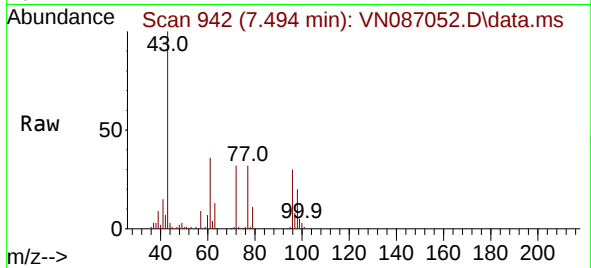




#27
 cis-1,2-Dichloroethene
 Concen: 20.127 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN087052.D
 Acq: 17 Jun 2025 12:35

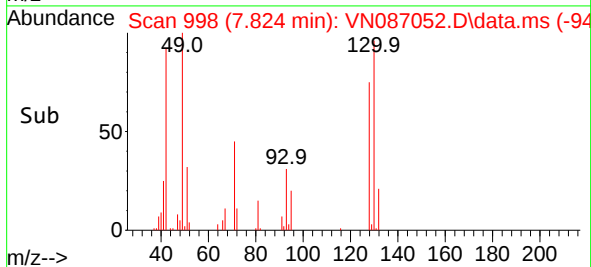
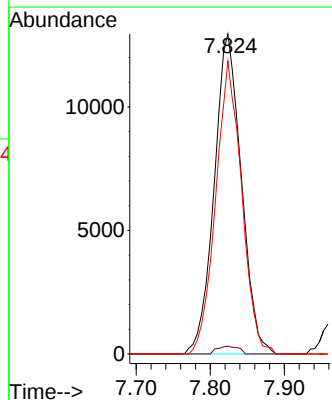
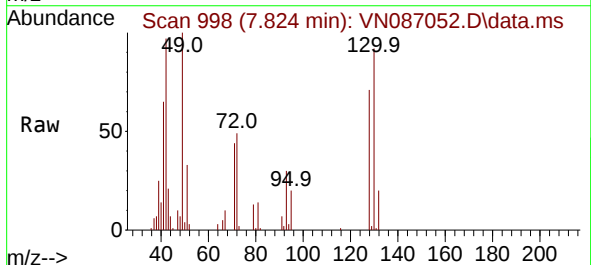
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Tgt Ion: 96 Resp: 51264
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 278.0
 98 64.2 0.0 128.2



#28
 Bromochloromethane
 Concen: 17.364 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087052.D
 Acq: 17 Jun 2025 12:35

Tgt Ion: 49 Resp: 32878
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 87.5 62.2 93.2





#29

Tetrahydrofuran

Concen: 85.222 ug/l

RT: 7.847 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

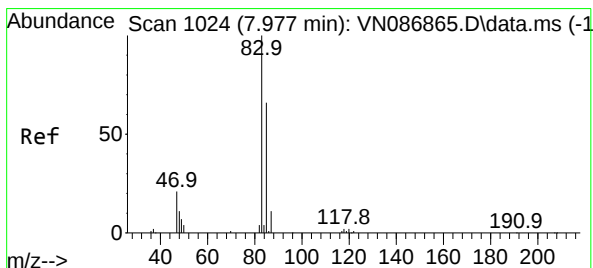
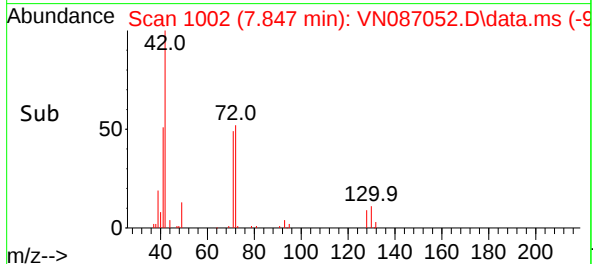
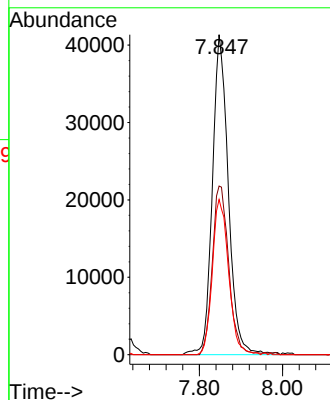
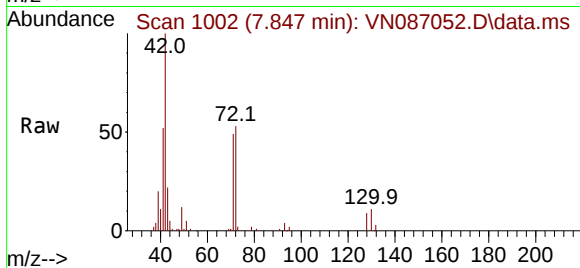
Tgt Ion: 42 Resp: 110194

Ion Ratio Lower Upper

42 100

72 54.3 37.8 56.6

71 49.4 35.6 53.4



#30

Chloroform

Concen: 19.309 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087052.D

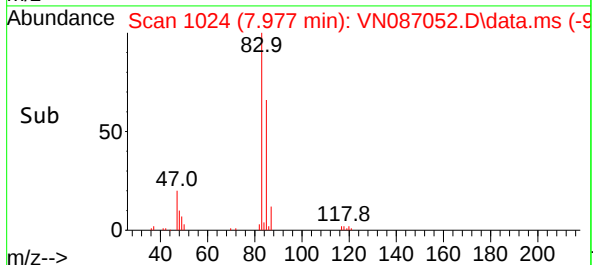
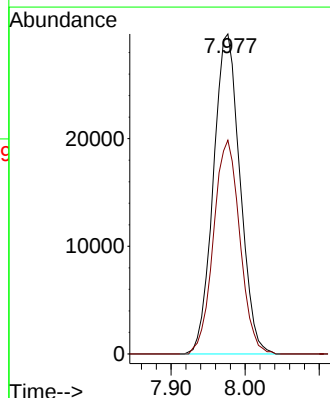
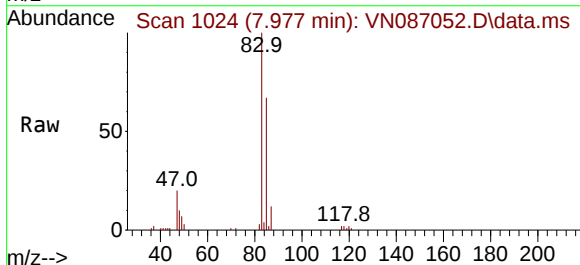
Acq: 17 Jun 2025 12:35

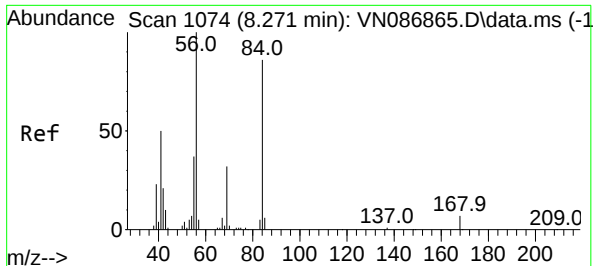
Tgt Ion: 83 Resp: 74260

Ion Ratio Lower Upper

83 100

85 66.8 52.9 79.3

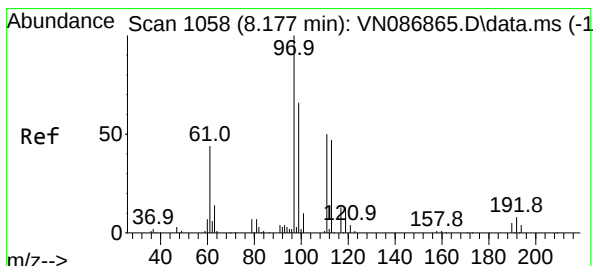
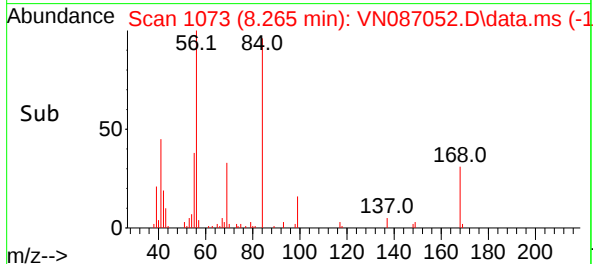
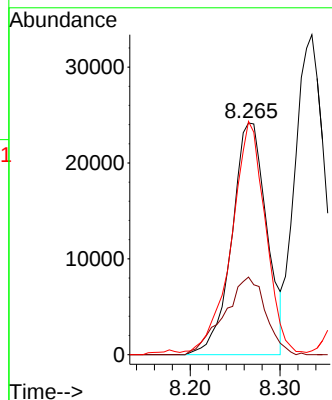
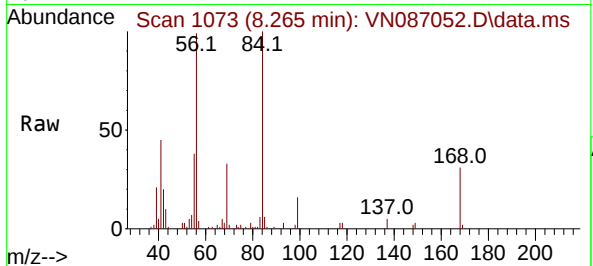




#31
Cyclohexane
Concen: 17.471 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

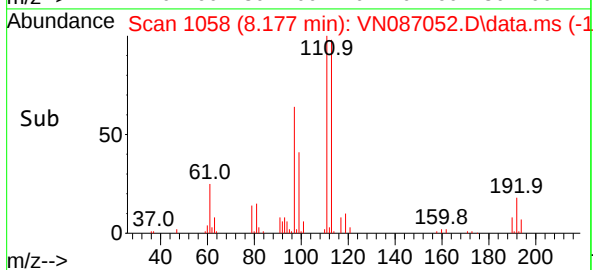
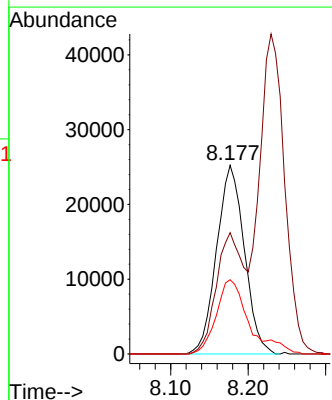
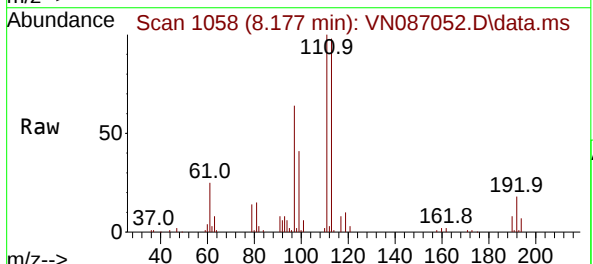
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

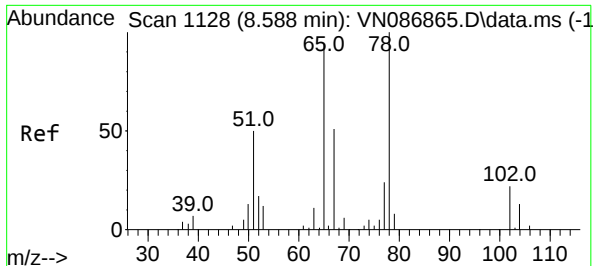
Tgt Ion: 56 Resp: 65250
Ion Ratio Lower Upper
56 100
69 33.5 25.4 38.0
84 99.7 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 19.204 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 97 Resp: 62815
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 46.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.861 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

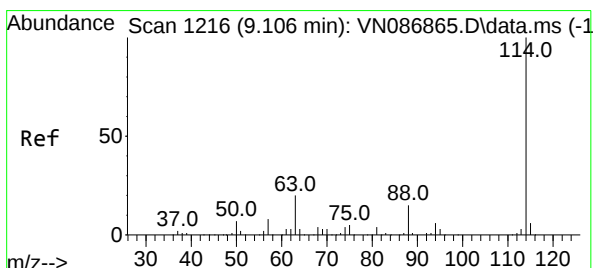
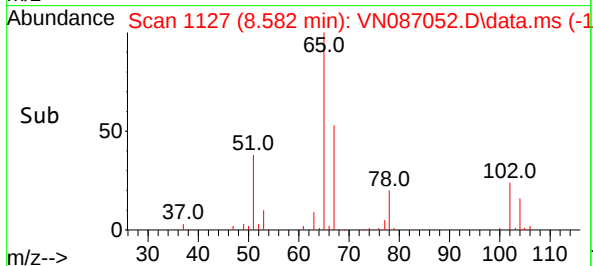
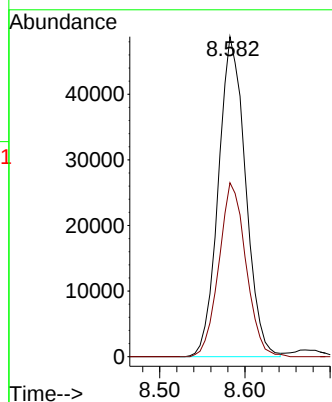
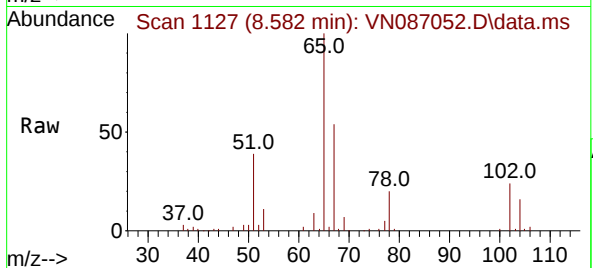
VN0617WBSD01

Tgt Ion: 65 Resp: 107906

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

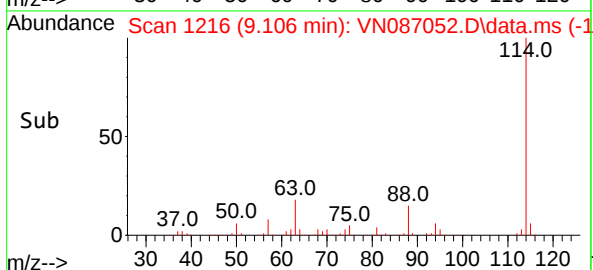
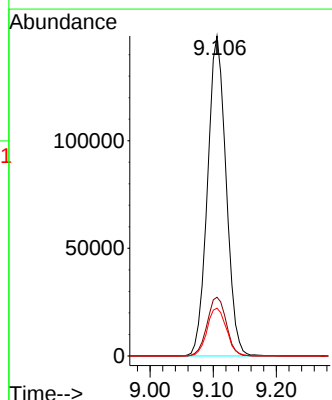
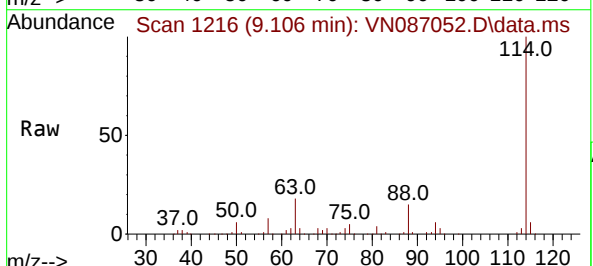
Tgt Ion: 114 Resp: 303445

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.221 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

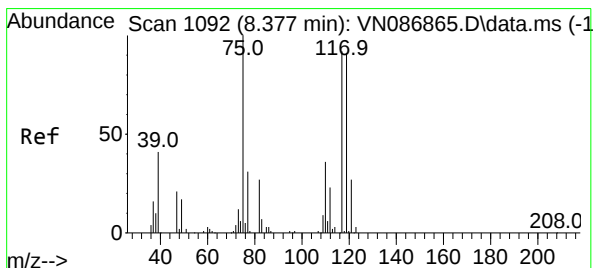
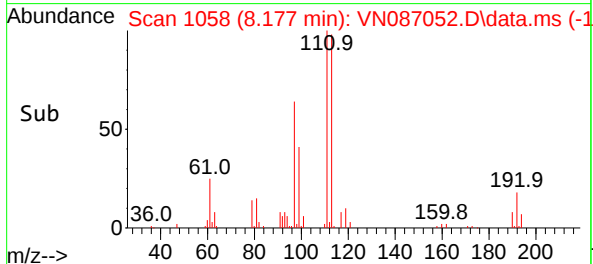
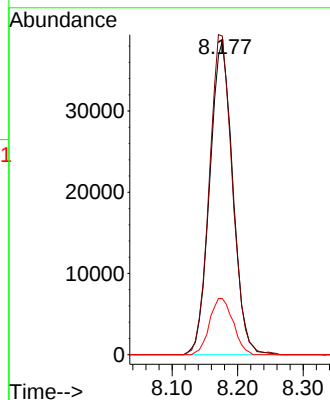
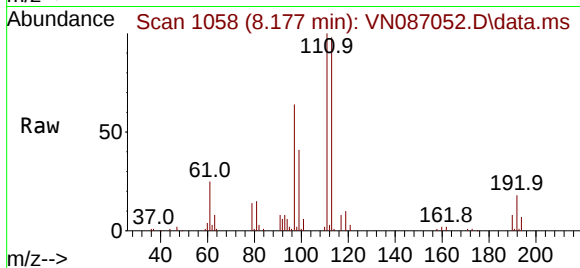
Tgt Ion:113 Resp: 93908

Ion Ratio Lower Upper

113 100

111 102.1 84.2 126.2

192 18.3 14.2 21.4



#36

1,1-Dichloropropene

Concen: 20.594 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

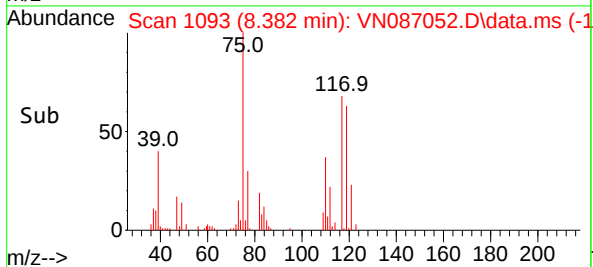
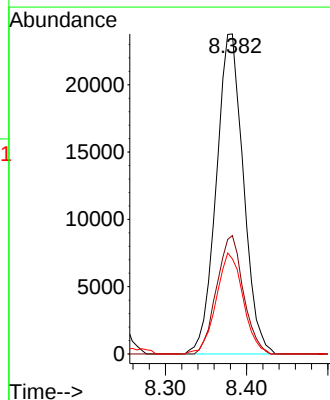
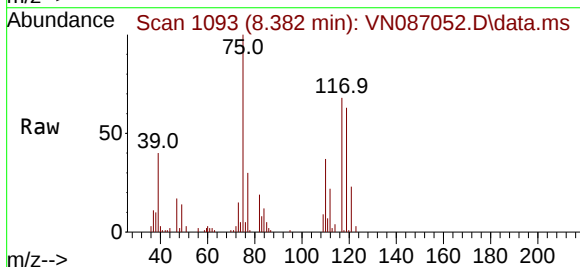
Tgt Ion: 75 Resp: 55184

Ion Ratio Lower Upper

75 100

110 36.4 17.6 52.9

77 31.3 25.3 37.9

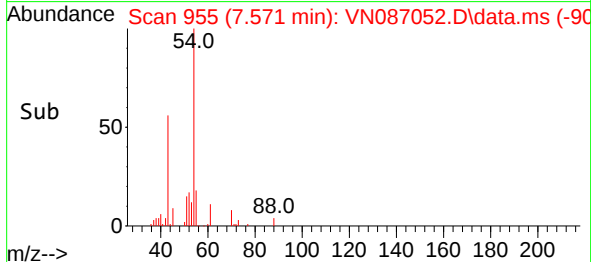
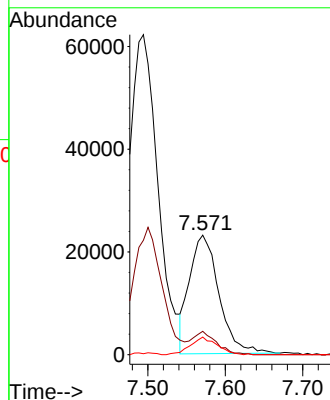
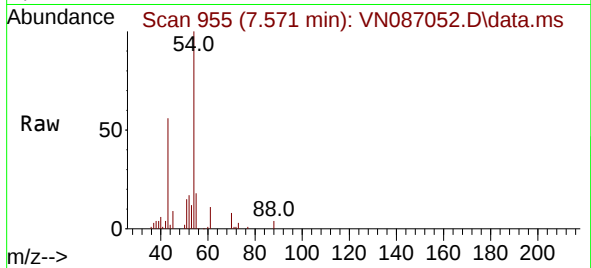




#37
Ethyl Acetate
Concen: 17.870 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

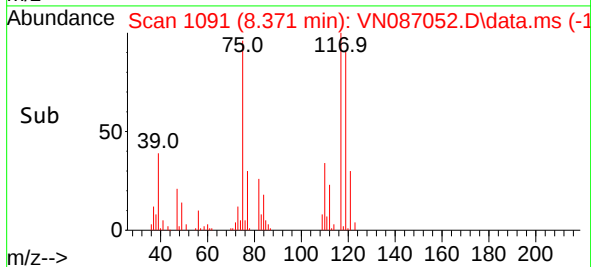
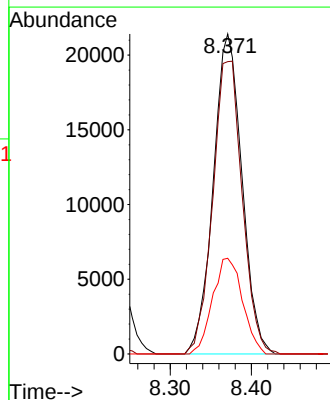
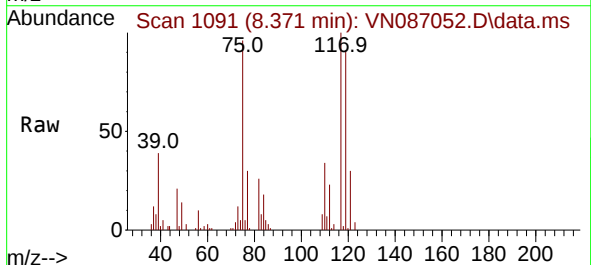
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

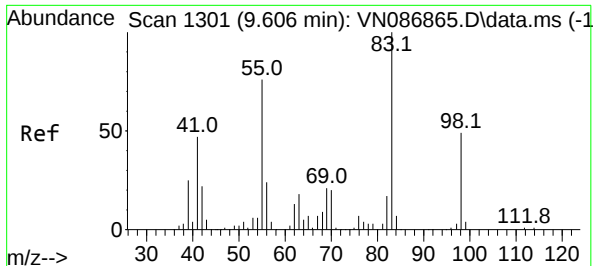
Tgt Ion: 43 Resp: 60959
Ion Ratio Lower Upper
43 100
61 16.4 12.1 18.1
70 13.2 9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.974 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 117 Resp: 52548
Ion Ratio Lower Upper
117 100
119 91.4 75.0 112.6
121 29.9 24.9 37.3





#39

Methylcyclohexane

Concen: 16.519 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

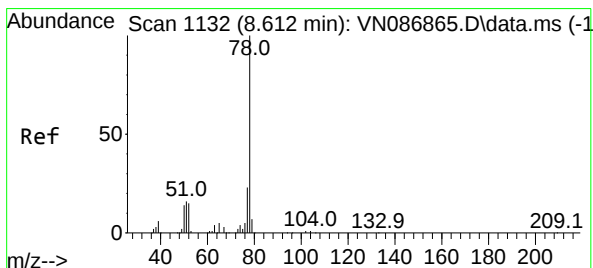
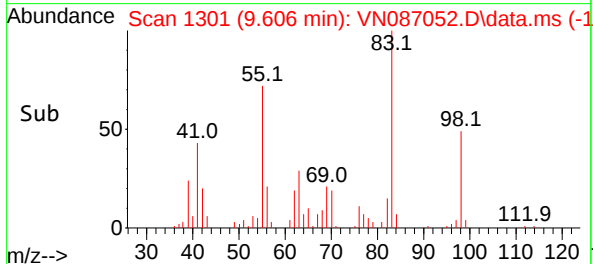
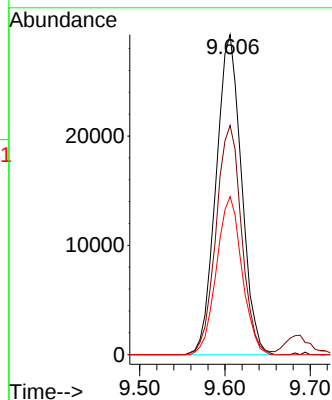
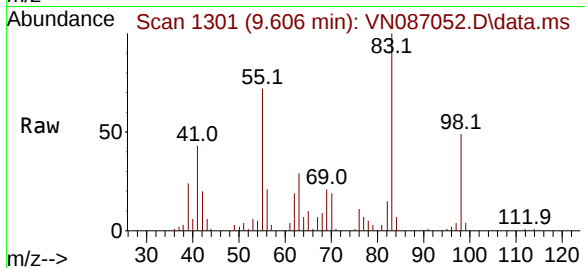
Tgt Ion: 83 Resp: 60644

Ion Ratio Lower Upper

83 100

55 71.6 61.0 91.6

98 49.4 38.9 58.3



#40

Benzene

Concen: 20.392 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087052.D

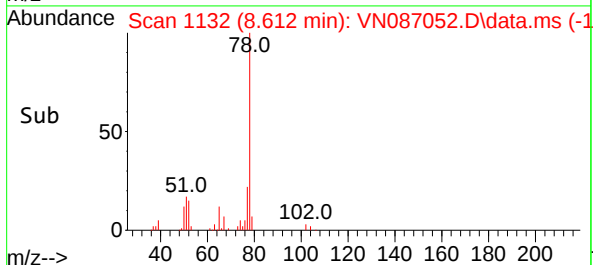
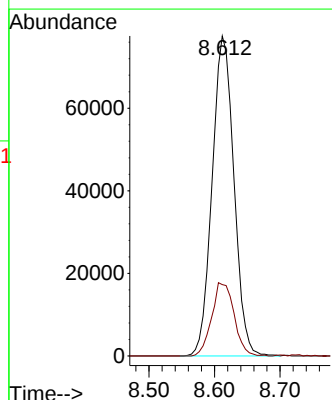
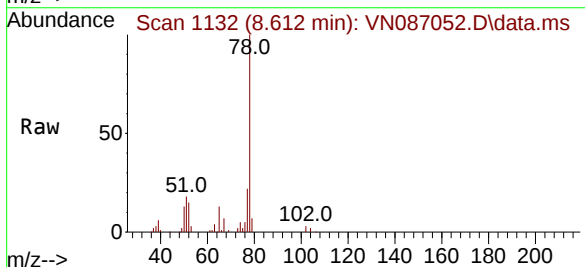
Acq: 17 Jun 2025 12:35

Tgt Ion: 78 Resp: 178683

Ion Ratio Lower Upper

78 100

77 22.3 18.7 28.1

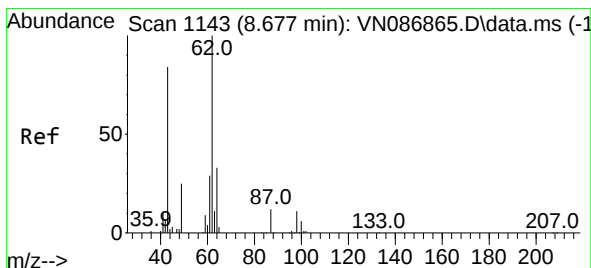
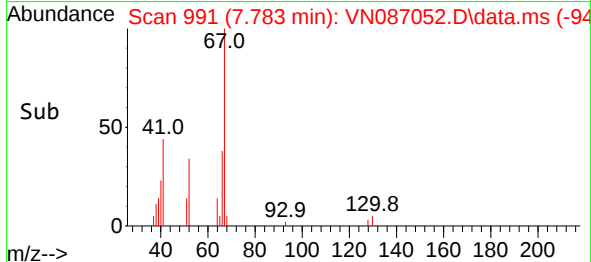
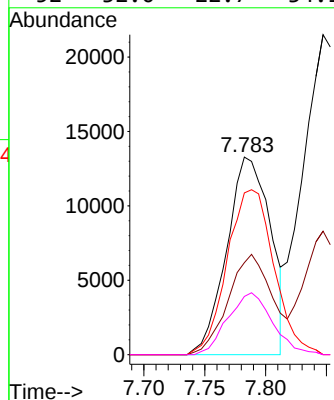
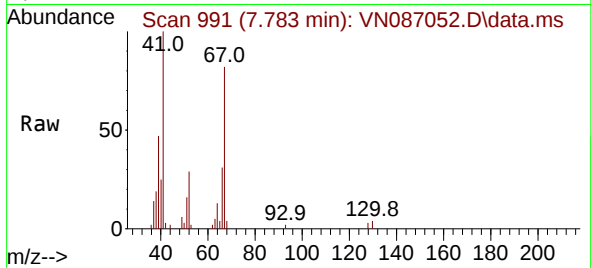




#41
Methacrylonitrile
Concen: 17.333 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

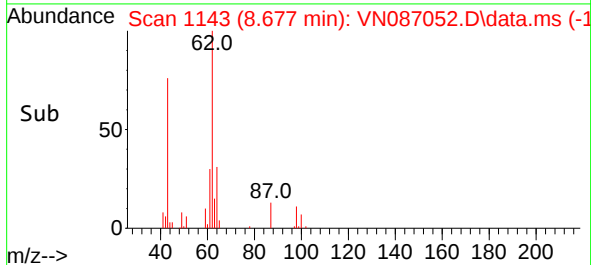
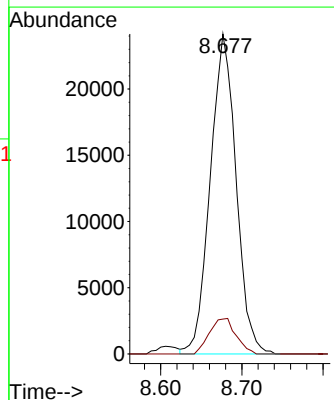
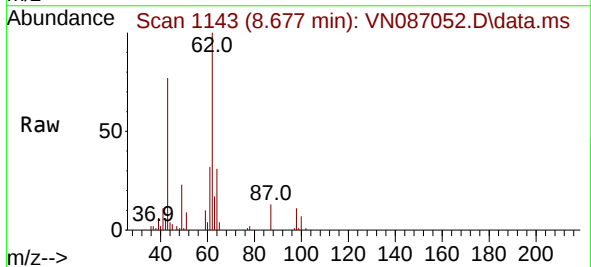
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion:	41	Resp:	33206
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.2	61.8
67	89.2	61.4	92.2
52	32.0	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.098 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:	62	Resp:	53416
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.2

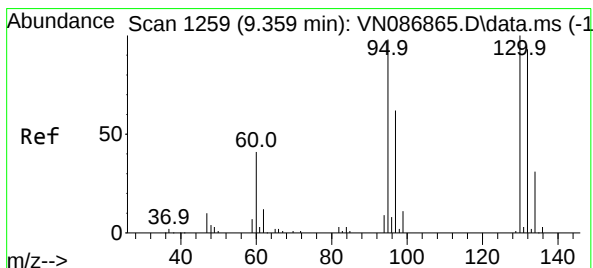
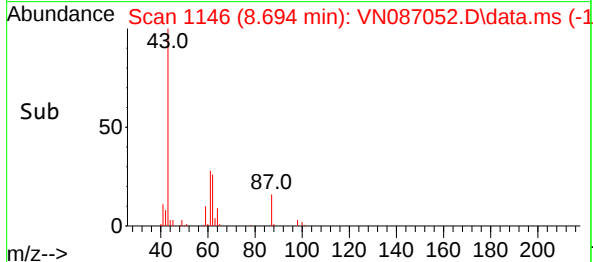
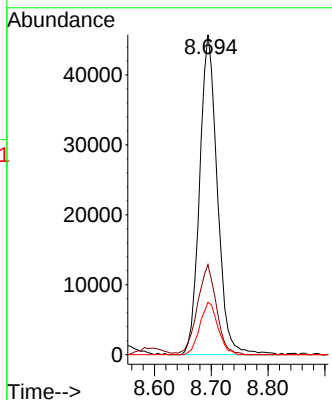
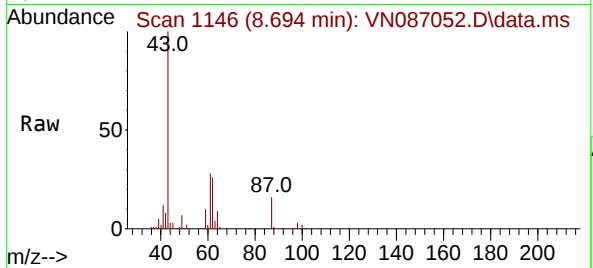




#43
Isopropyl Acetate
Concen: 18.055 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

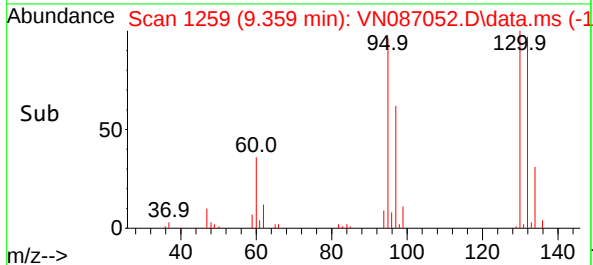
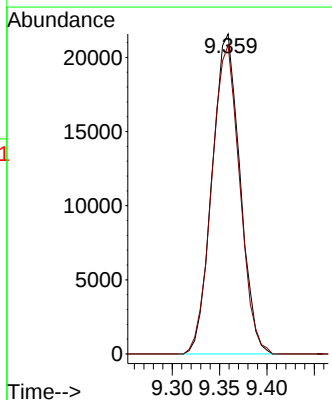
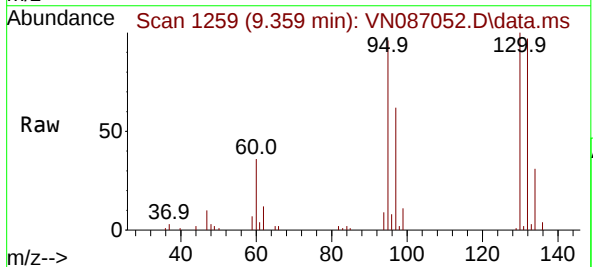
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

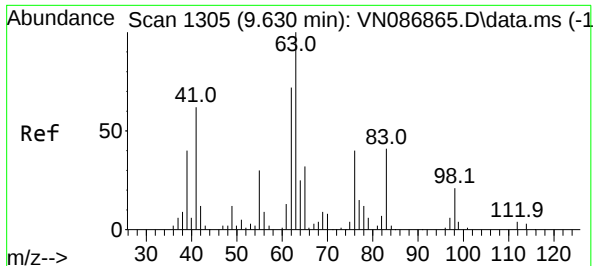
Tgt Ion:	43	Resp:	98853
Ion	Ratio	Lower	Upper
43	100		
61	30.2	22.1	33.1
87	16.6	11.8	17.6



#44
Trichloroethene
Concen: 21.212 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:	130	Resp:	44074
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	196.2





#45

1,2-Dichloropropane

Concen: 19.993 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

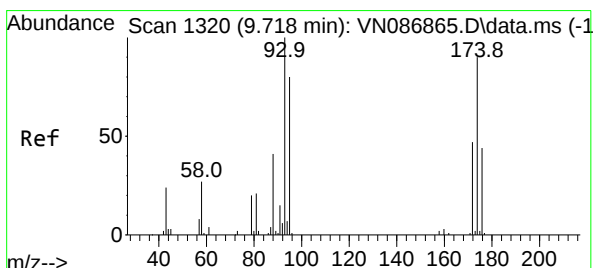
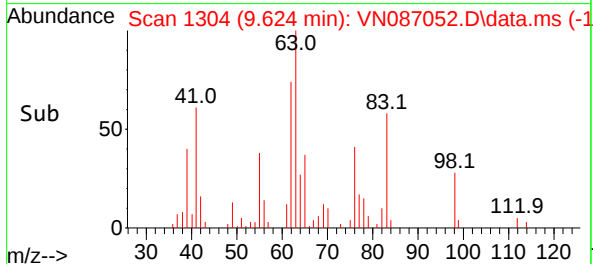
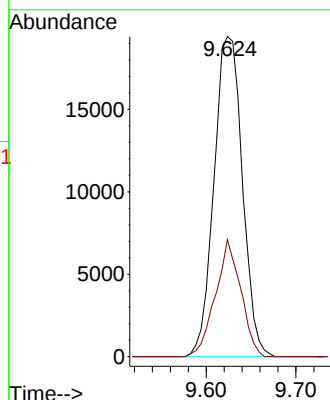
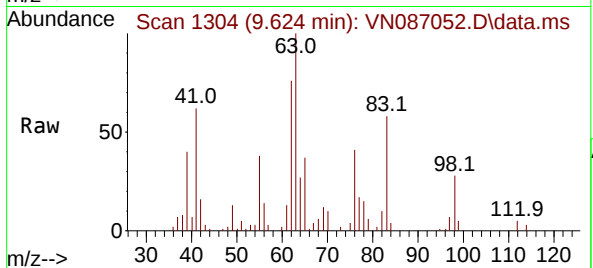
VN0617WBSD01

Tgt Ion: 63 Resp: 42620

Ion Ratio Lower Upper

63 100

65 36.6 25.5 38.3



#46

Dibromomethane

Concen: 21.190 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

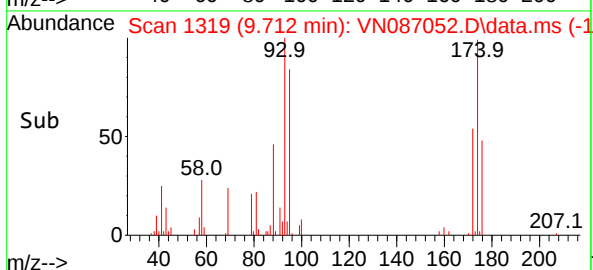
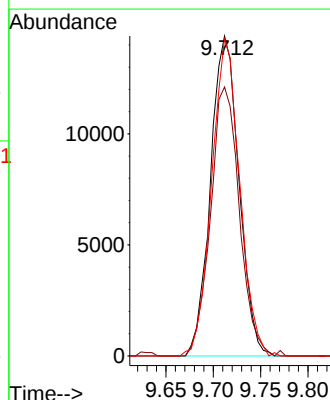
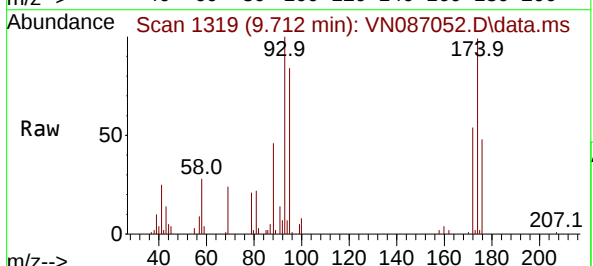
Tgt Ion: 93 Resp: 30004

Ion Ratio Lower Upper

93 100

95 85.4 67.1 100.7

174 97.8 74.2 111.4

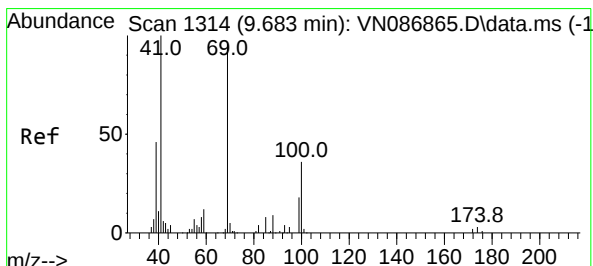
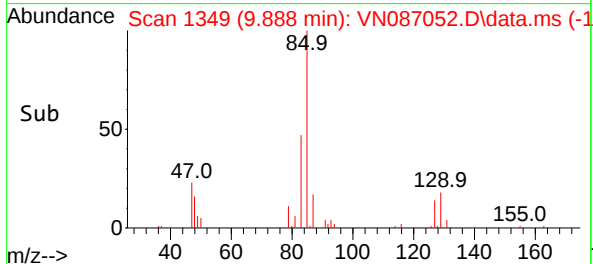
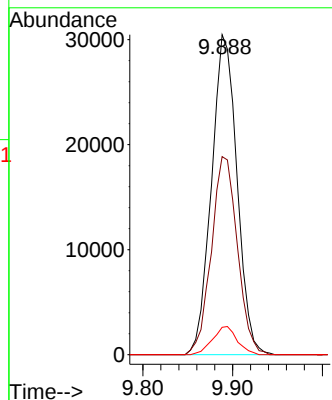
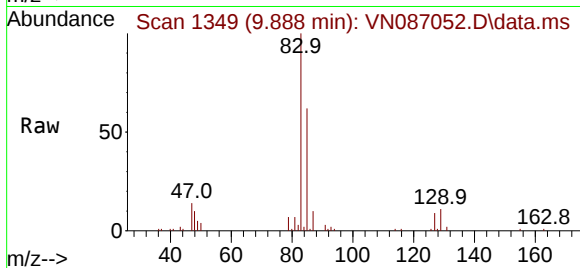




#47
Bromodichloromethane
Concen: 20.619 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

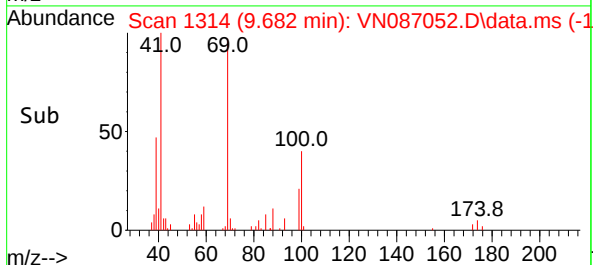
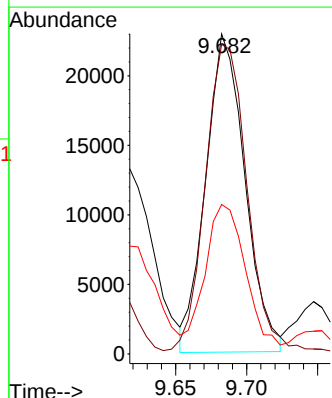
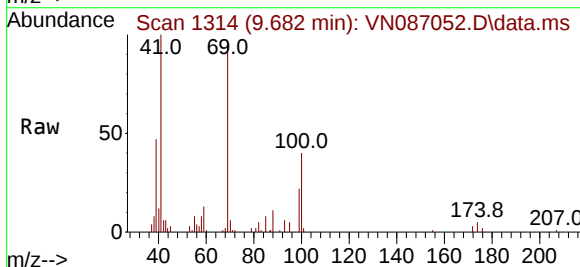
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

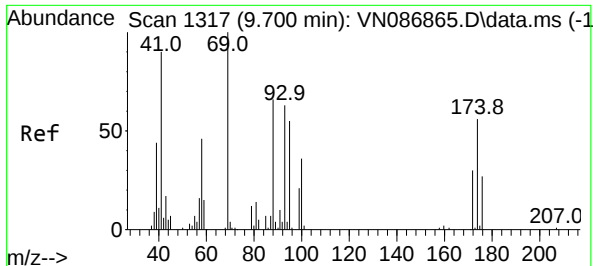
Tgt Ion: 83 Resp: 60069
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 17.425 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 41 Resp: 43909
Ion Ratio Lower Upper
41 100
69 105.5 74.6 112.0
39 50.0 40.2 60.4





#49

1,4-Dioxane

Concen: 388.500 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

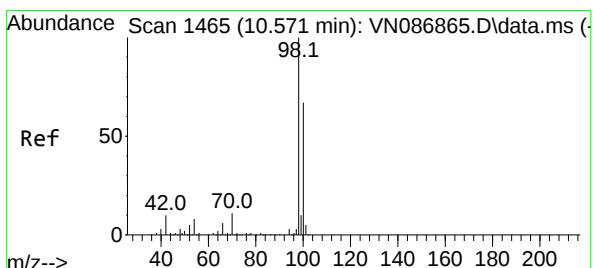
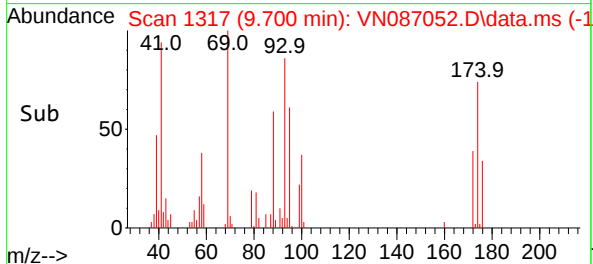
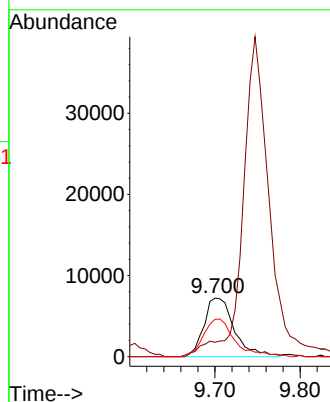
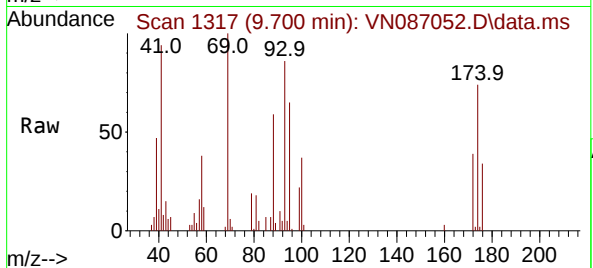
Tgt Ion: 88 Resp: 17810

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 66.3 57.7 86.5



#50

Toluene-d8

Concen: 49.287 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087052.D

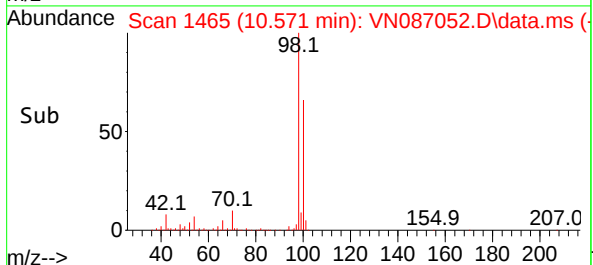
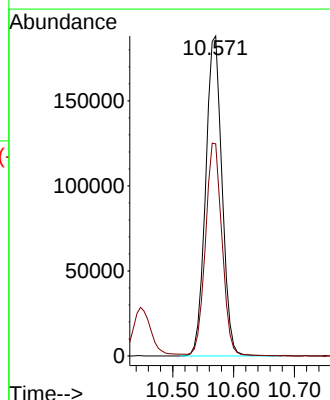
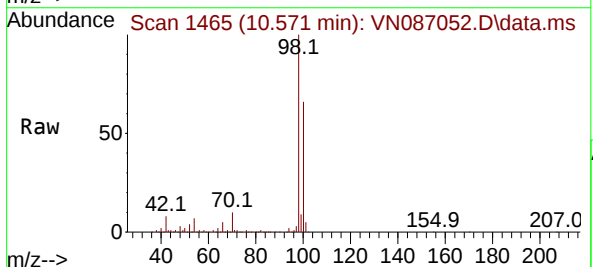
Acq: 17 Jun 2025 12:35

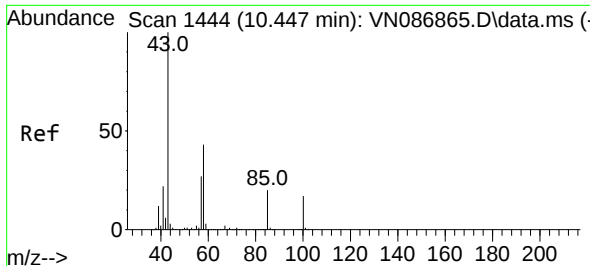
Tgt Ion: 98 Resp: 350871

Ion Ratio Lower Upper

98 100

100 67.3 53.4 80.0

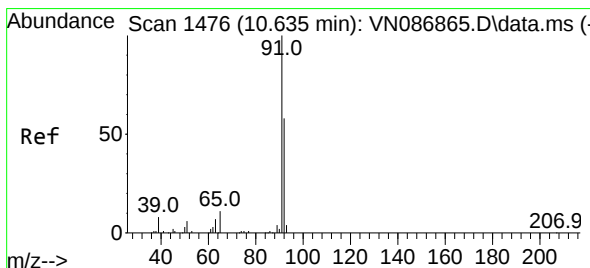
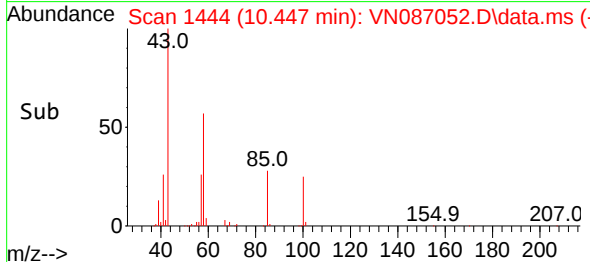
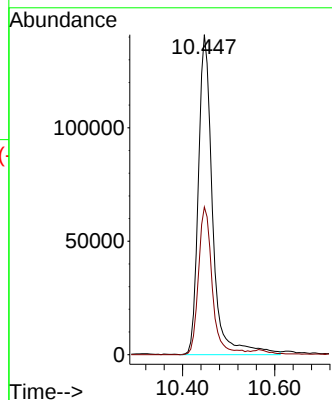
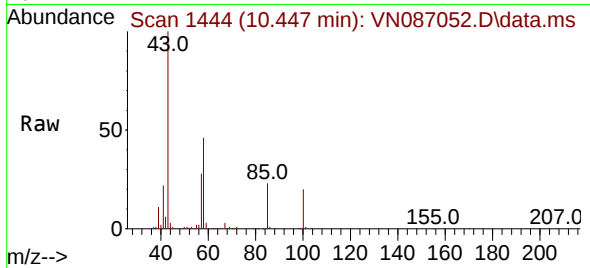




#51
4-Methyl-2-Pentanone
Concen: 92.078 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

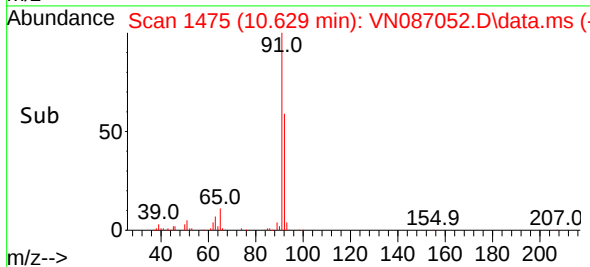
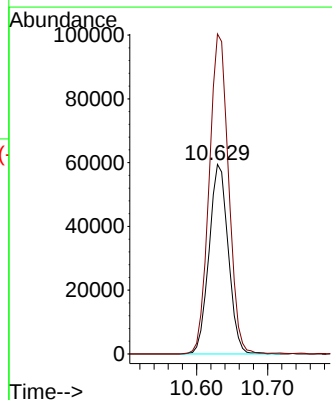
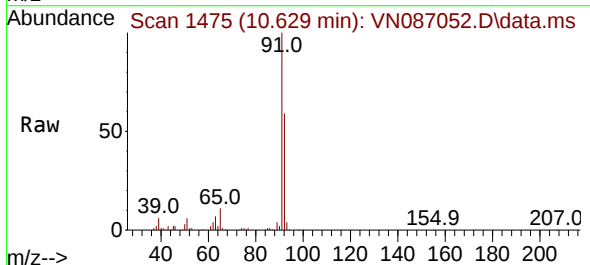
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

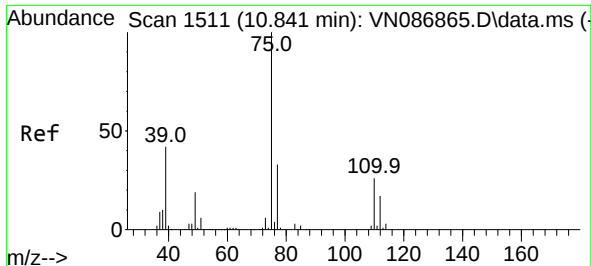
Tgt Ion: 43 Resp: 303487
Ion Ratio Lower Upper
43 100
58 45.0 34.2 51.4



#52
Toluene
Concen: 20.821 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 92 Resp: 111495
Ion Ratio Lower Upper
92 100
91 170.8 136.5 204.7

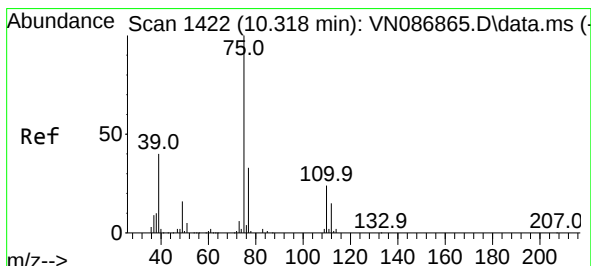
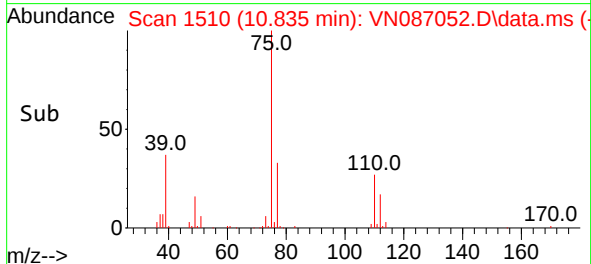
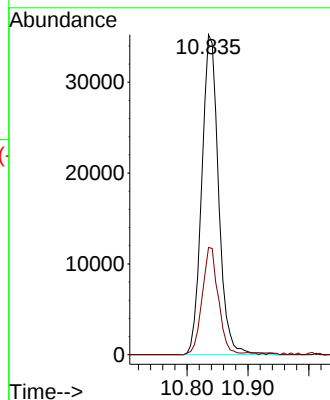
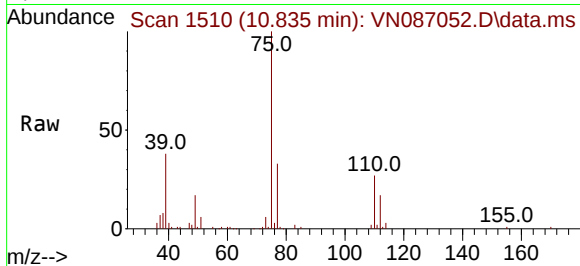




#53
 t-1,3-Dichloropropene
 Concen: 20.706 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN087052.D
 Acq: 17 Jun 2025 12:35

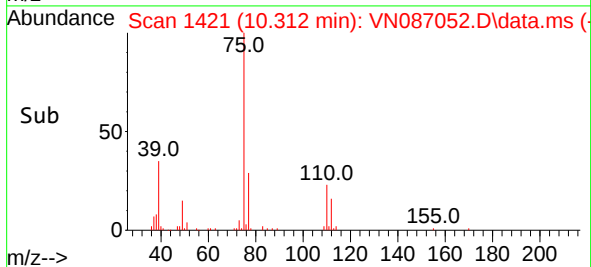
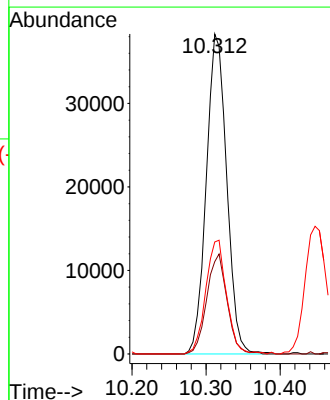
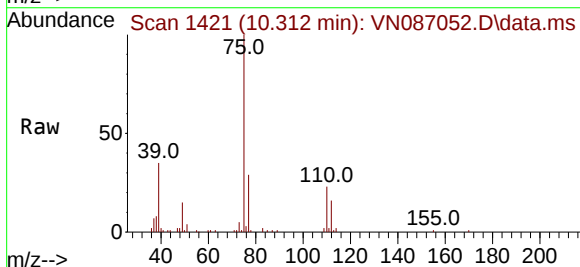
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

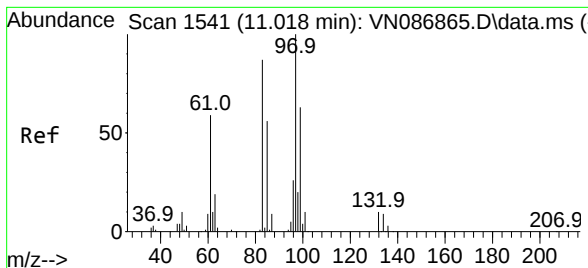
Tgt Ion: 75 Resp: 67454
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.090 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087052.D
 Acq: 17 Jun 2025 12:35

Tgt Ion: 75 Resp: 73512
 Ion Ratio Lower Upper
 75 100
 77 28.9 26.2 39.4
 39 35.0 32.3 48.5

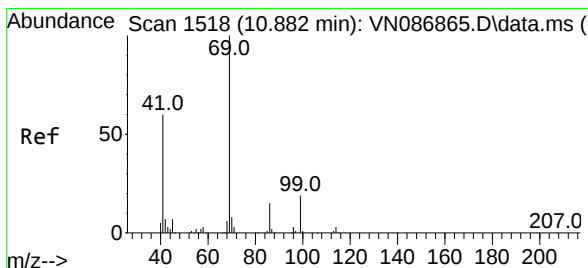
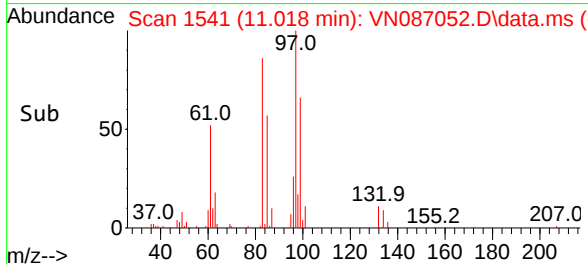
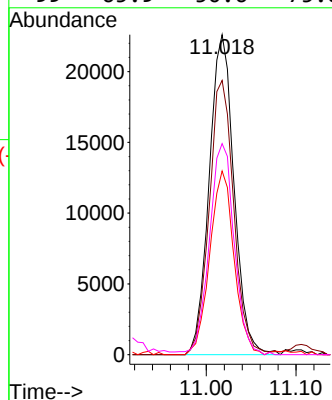
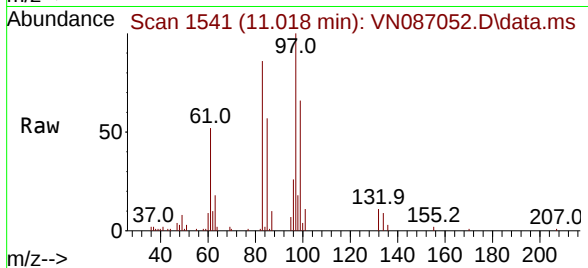




#55
1,1,2-Trichloroethane
Concen: 21.073 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

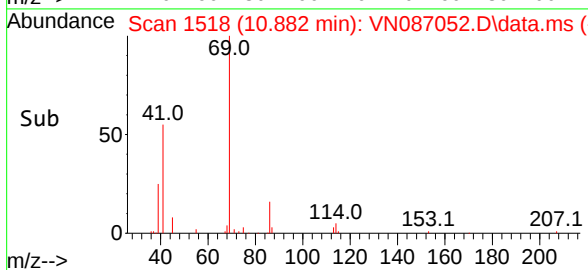
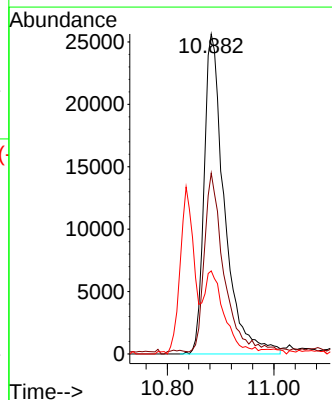
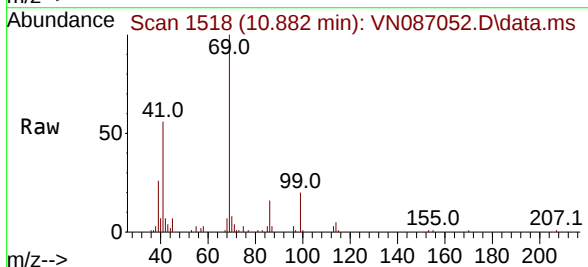
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

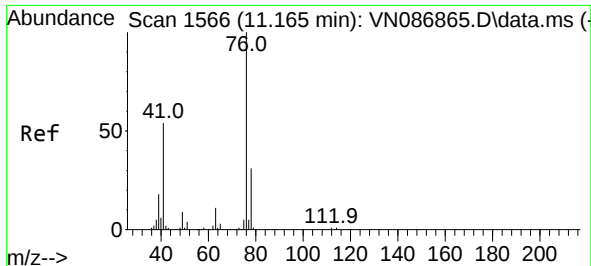
Tgt Ion: 97	Resp: 43421
Ion Ratio	Lower Upper
97 100	
83 85.7	69.7 104.5
85 57.4	45.1 67.7
99 65.9	50.6 75.8



#56
Ethyl methacrylate
Concen: 20.721 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 69	Resp: 68003		
Ion Ratio	Lower	Upper	
69 100			
41 55.1	47.2	70.8	
39 22.4	23.0	34.6	#





#57

1,3-Dichloropropane

Concen: 20.395 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

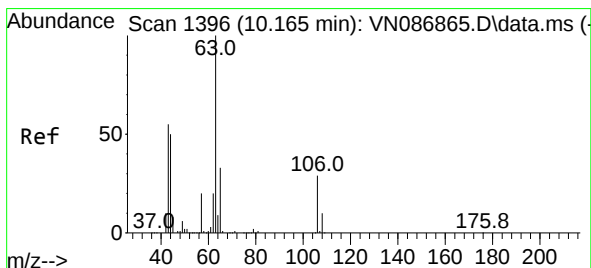
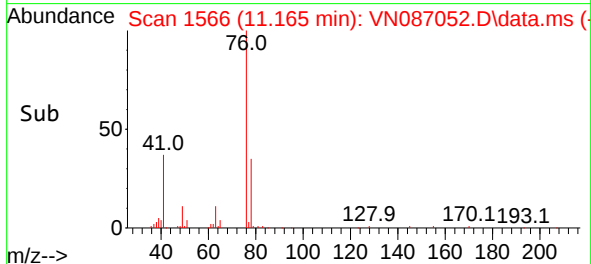
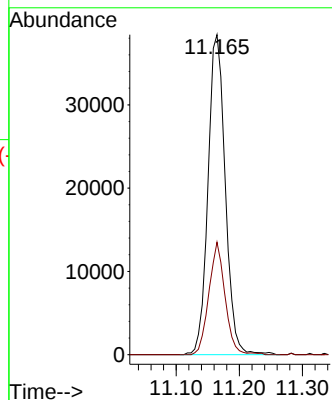
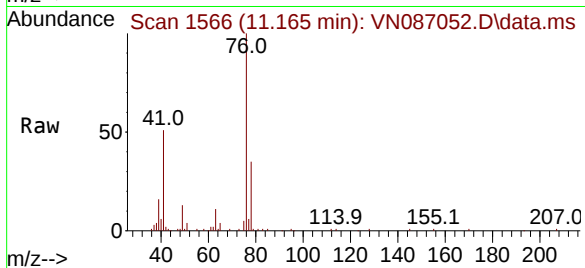
VN0617WBSD01

Tgt Ion: 76 Resp: 72899

Ion Ratio Lower Upper

76 100

78 33.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 91.353 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN087052.D

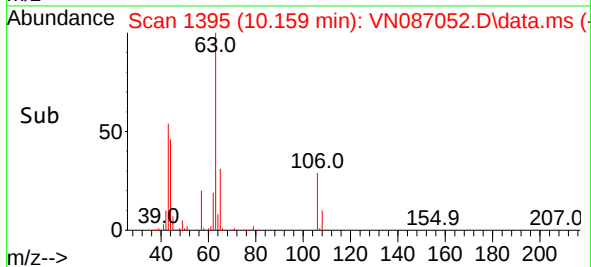
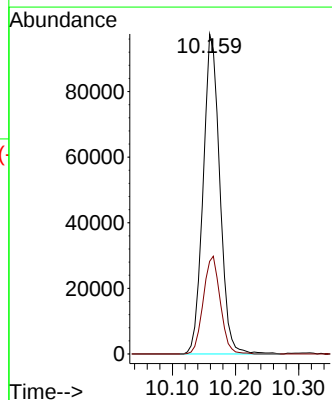
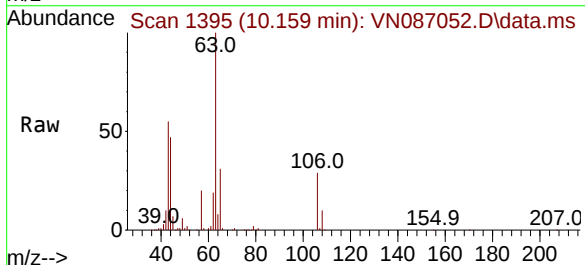
Acq: 17 Jun 2025 12:35

Tgt Ion: 63 Resp: 178821

Ion Ratio Lower Upper

63 100

106 31.1 23.0 34.6

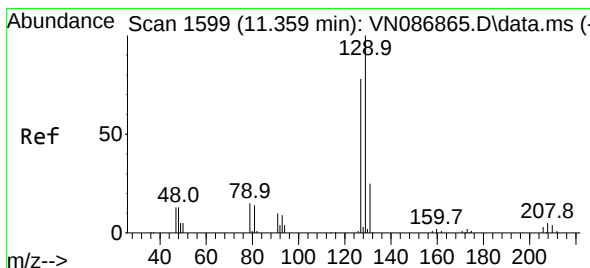
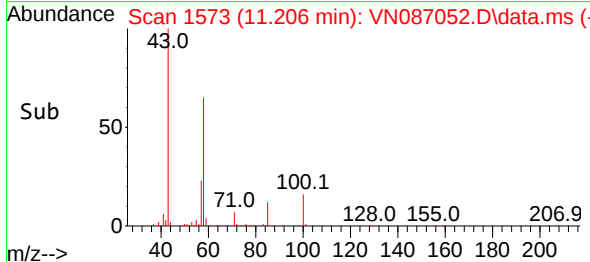
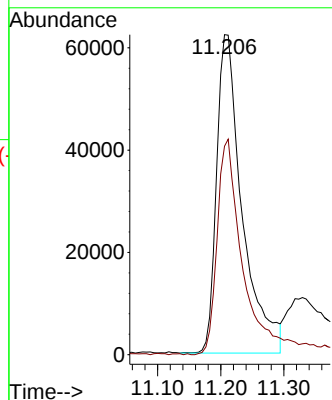
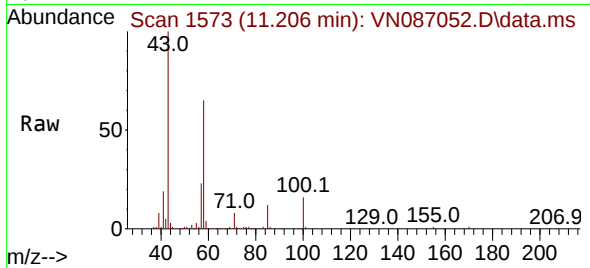




#59
2-Hexanone
Concen: 82.492 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

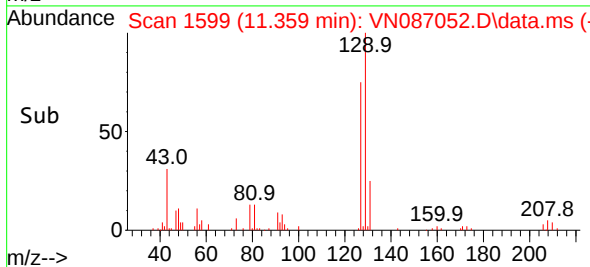
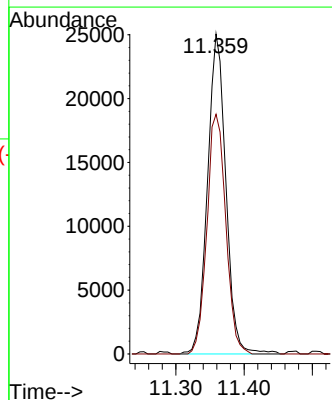
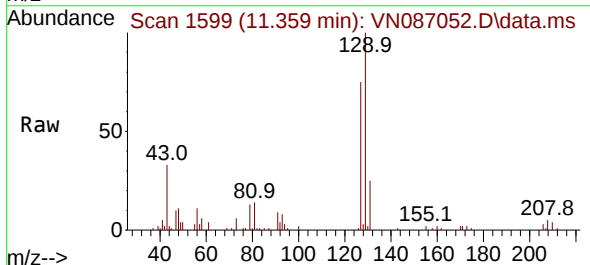
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion: 43 Resp: 175135
Ion Ratio Lower Upper
43 100
58 70.0 30.4 91.3



#60
Dibromochloromethane
Concen: 21.837 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 129 Resp: 46880
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

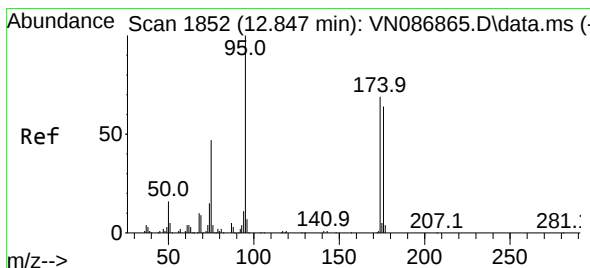
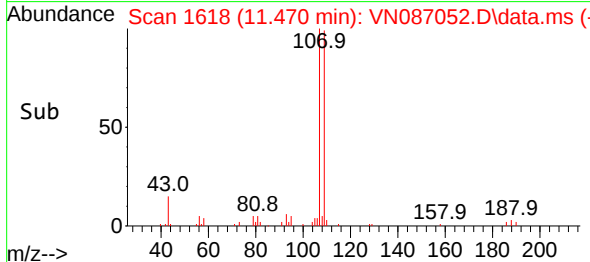
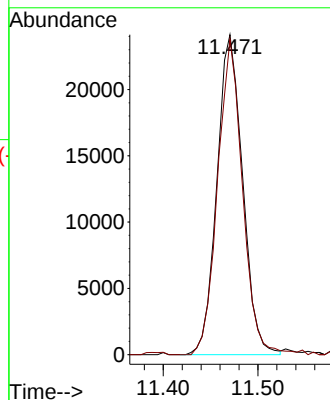
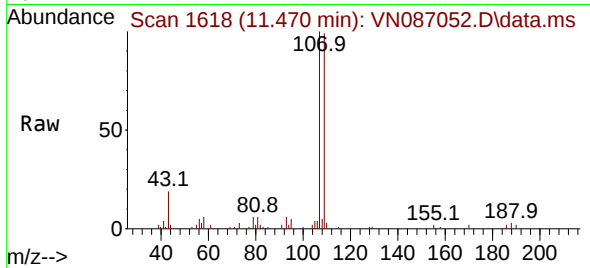




#61
1,2-Dibromoethane
Concen: 21.547 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

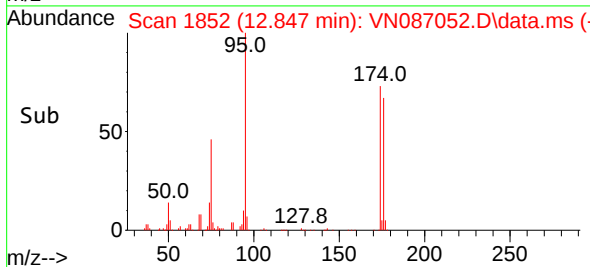
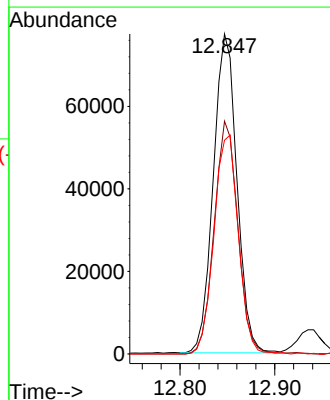
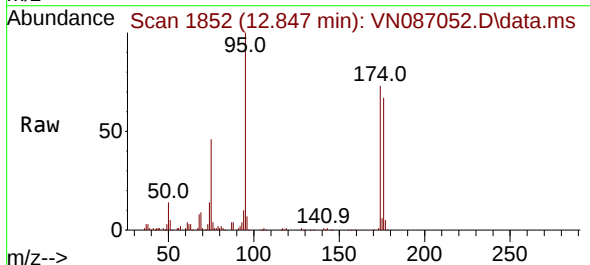
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

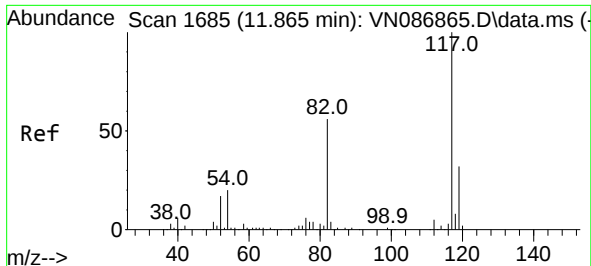
Tgt Ion:107 Resp: 45506
Ion Ratio Lower Upper
107 100
109 96.0 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 50.551 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 95 Resp: 133701
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.8
176 71.0 0.0 132.6

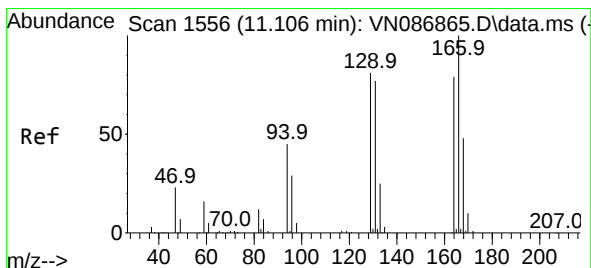
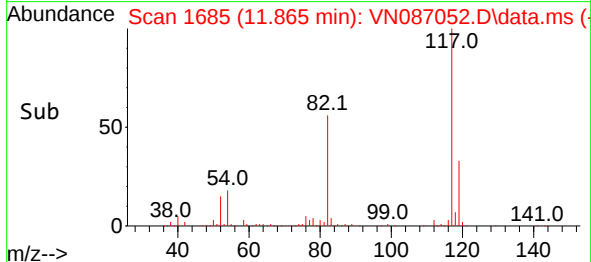
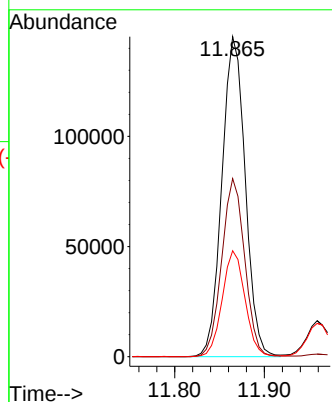
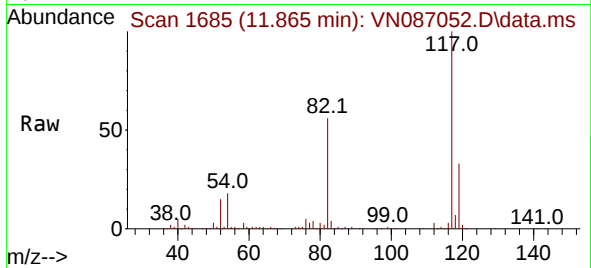




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

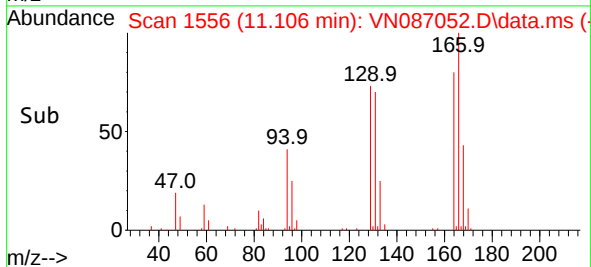
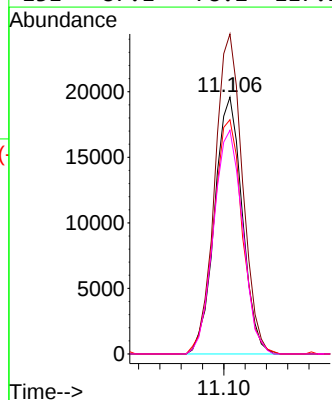
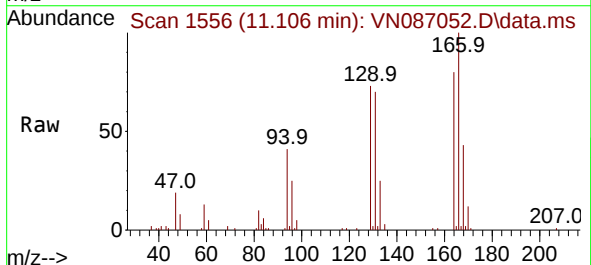
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

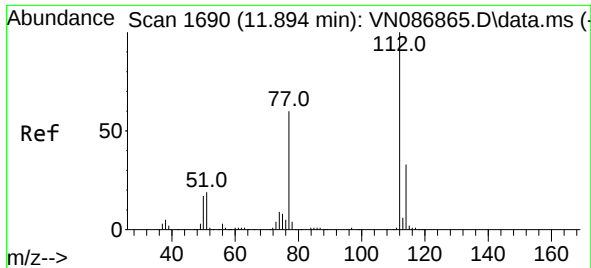
Tgt Ion:117 Resp: 262555
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 21.188 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:164 Resp: 35206
Ion Ratio Lower Upper
164 100
166 124.6 101.8 152.8
129 91.2 83.0 124.4
131 87.1 78.2 117.2

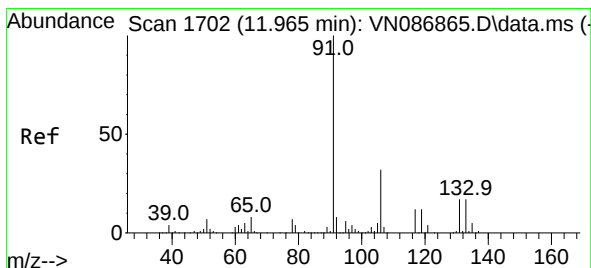
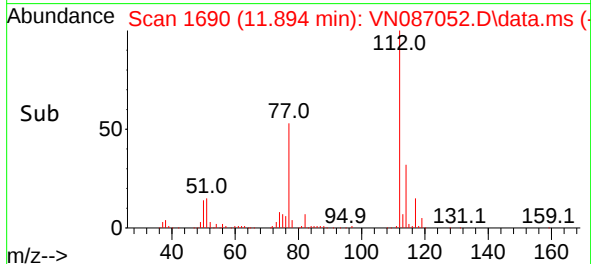
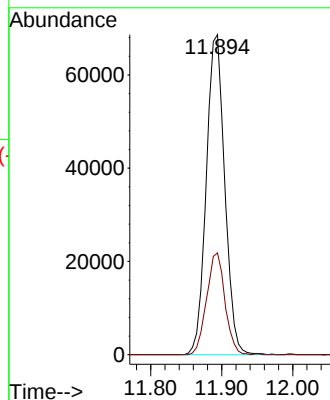
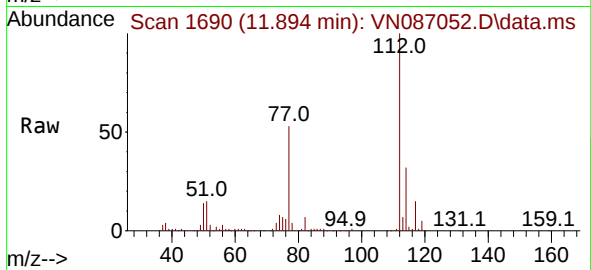




#65
Chlorobenzene
Concen: 21.420 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

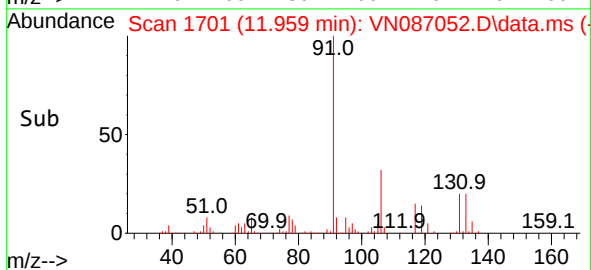
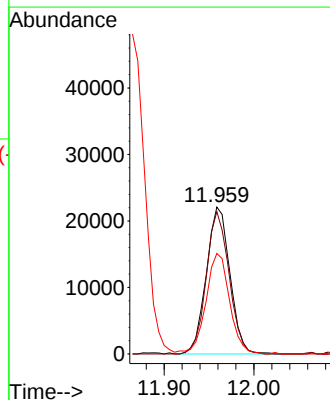
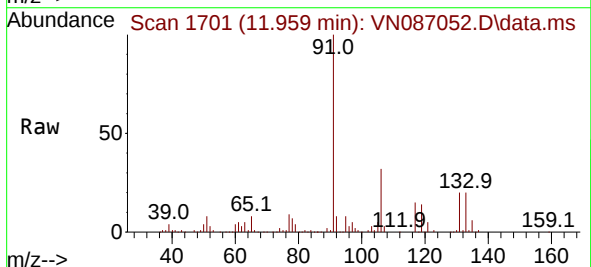
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

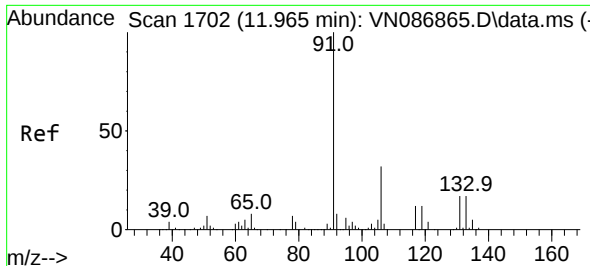
Tgt Ion:112 Resp: 124039
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.695 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:131 Resp: 40384
Ion Ratio Lower Upper
131 100
133 93.5 48.3 144.8
119 68.5 34.0 101.8

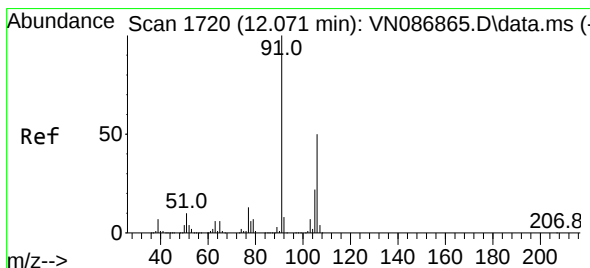
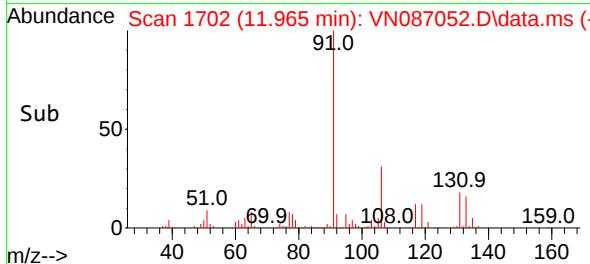
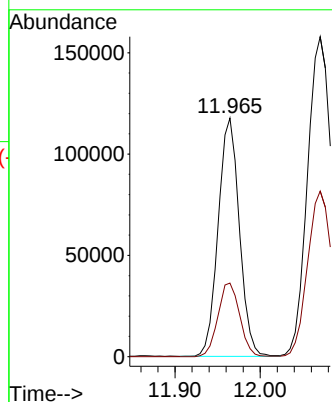
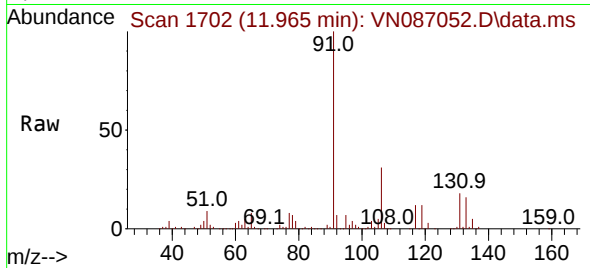




#67
Ethyl Benzene
Concen: 20.367 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

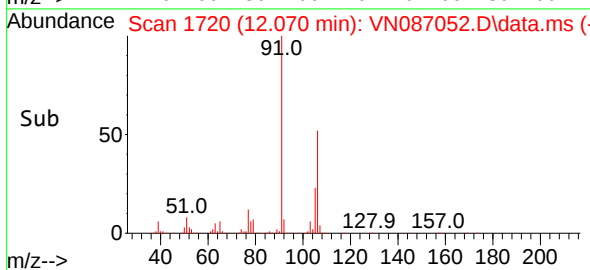
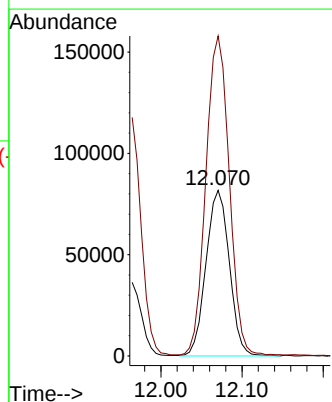
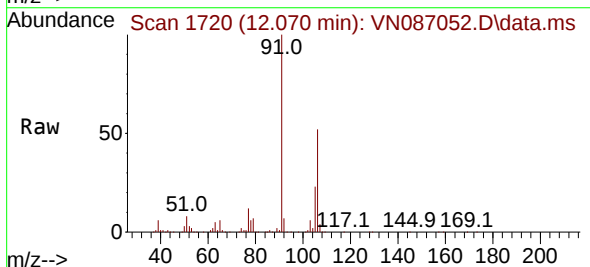
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

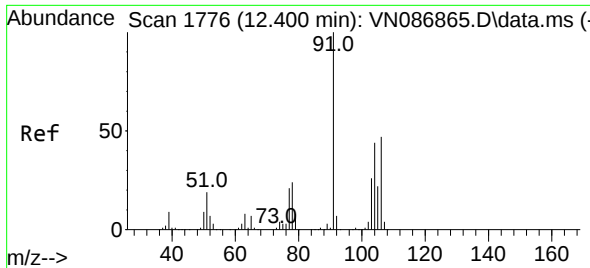
Tgt Ion: 91 Resp: 203154
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 42.731 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:106 Resp: 163156
Ion Ratio Lower Upper
106 100
91 192.9 159.4 239.0

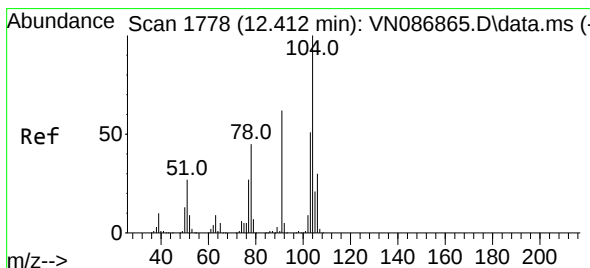
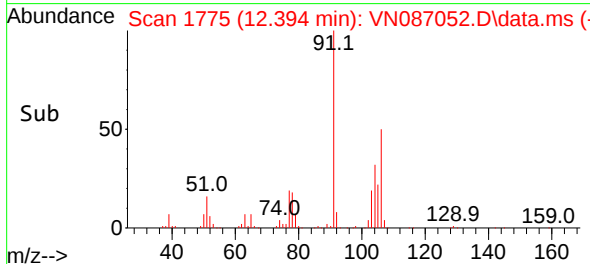
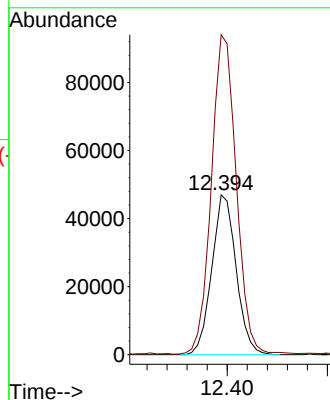
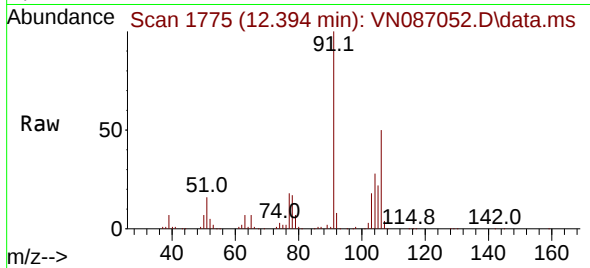




#69
o-Xylene
Concen: 21.646 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

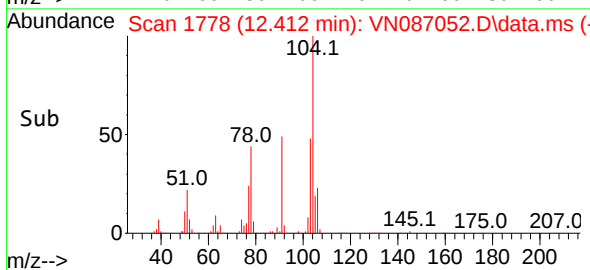
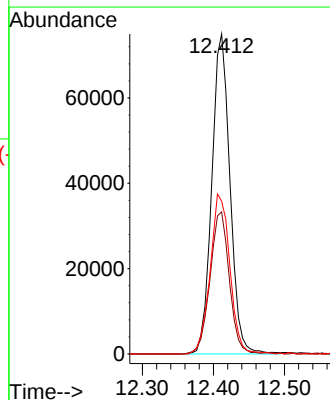
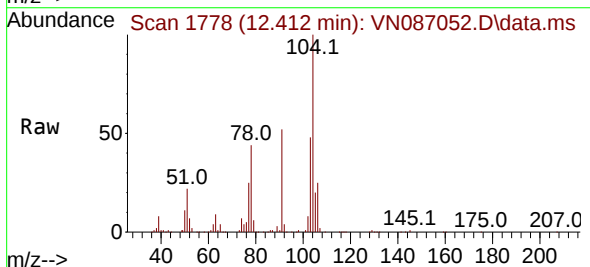
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

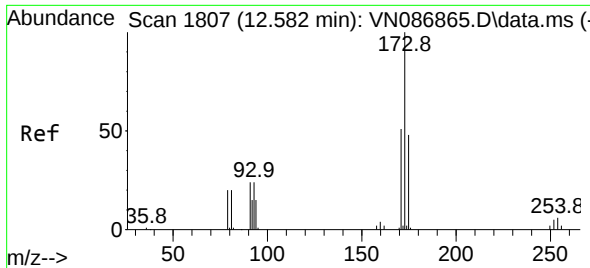
Tgt Ion:106 Resp: 79158
Ion Ratio Lower Upper
106 100
91 204.7 106.1 318.1



#70
Styrene
Concen: 21.309 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:104 Resp: 133343
Ion Ratio Lower Upper
104 100
78 47.1 38.5 57.7
103 54.3 43.1 64.7

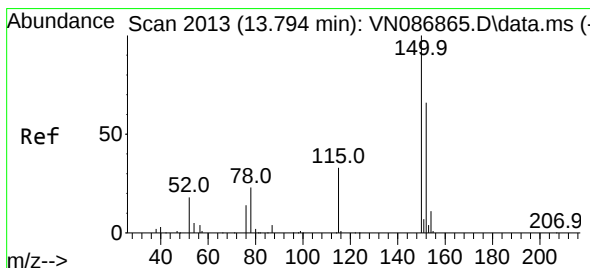
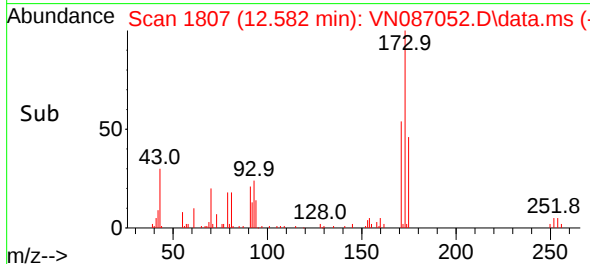
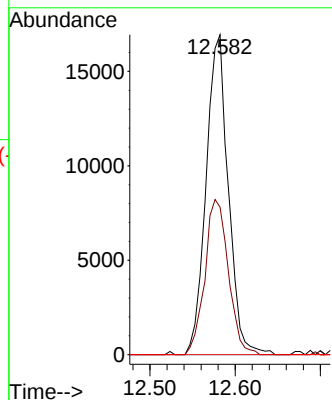
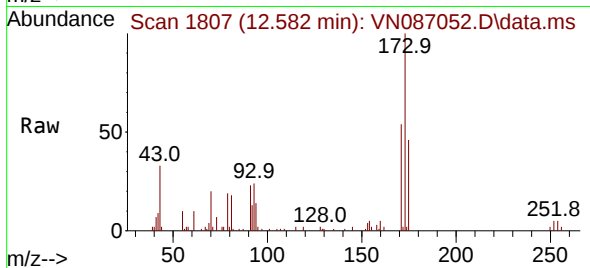




#71
Bromoform
Concen: 22.264 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

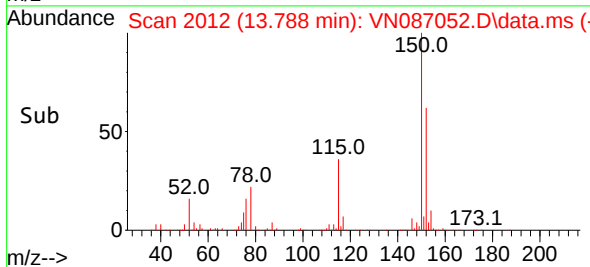
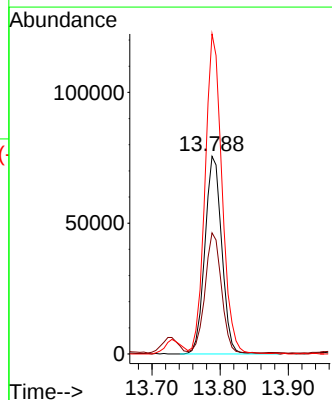
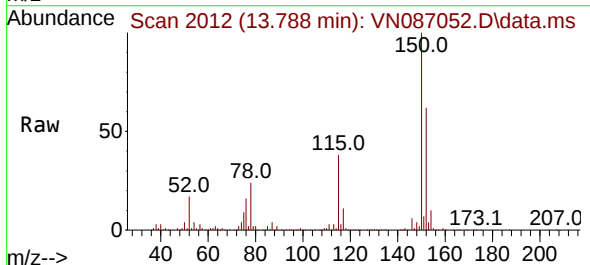
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

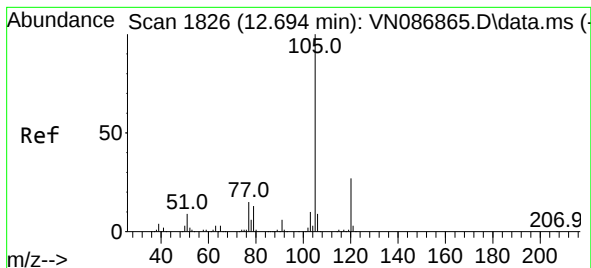
Tgt Ion:173 Resp: 30707
Ion Ratio Lower Upper
173 100
175 51.2 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:152 Resp: 129789
Ion Ratio Lower Upper
152 100
115 58.9 30.1 90.5
150 163.2 0.0 345.0





#73

Isopropylbenzene

Concen: 19.831 ug/l

RT: 12.694 min Scan# 1801

Delta R.T. -0.000 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

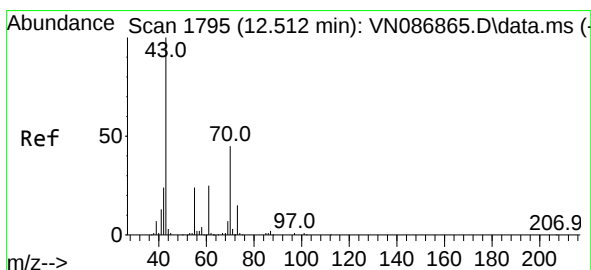
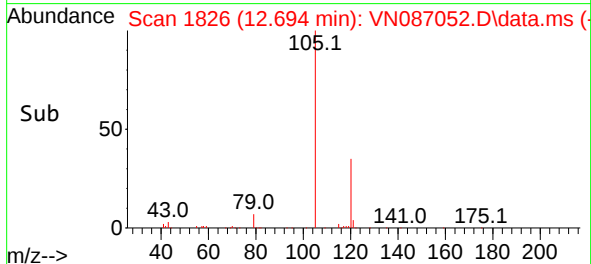
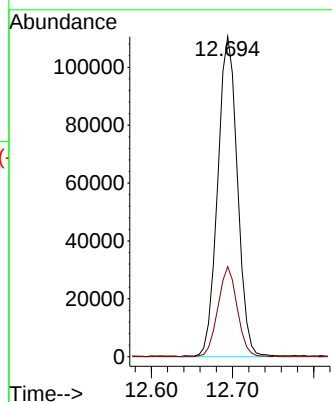
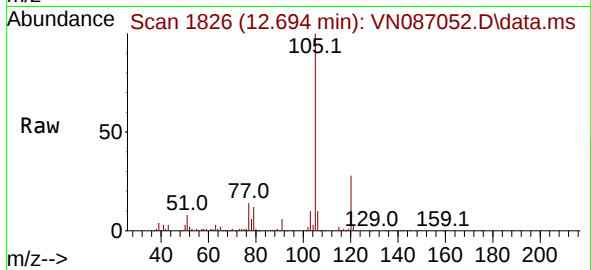
VN0617WBSD01

Tgt Ion:105 Resp: 187504

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 13.515 ug/l

RT: 12.547 min Scan# 1801

Delta R.T. 0.035 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Tgt Ion: 43 Resp: 44655

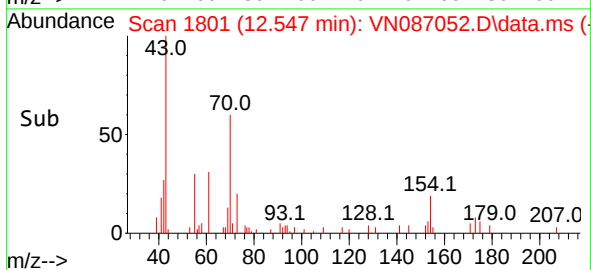
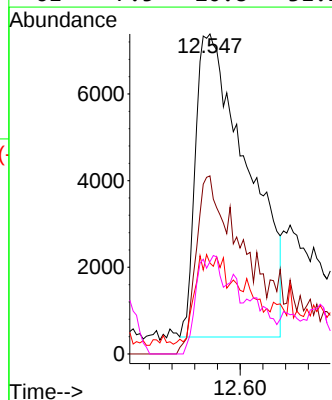
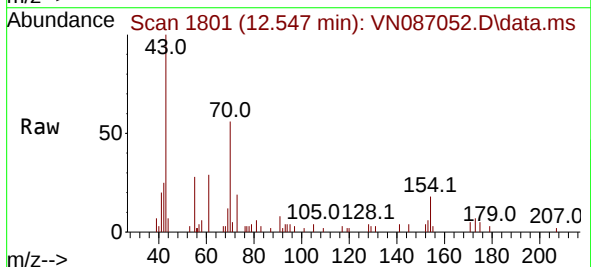
Ion Ratio Lower Upper

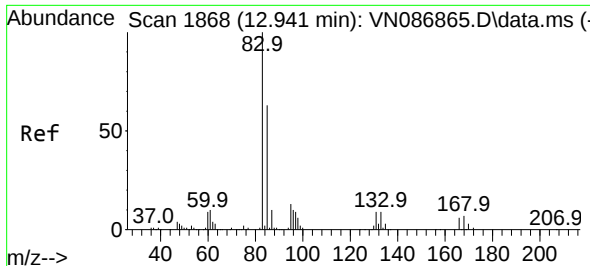
43 100

70 29.5 37.6 56.4#

55 10.3 19.0 28.6#

61 7.5 20.8 31.2#

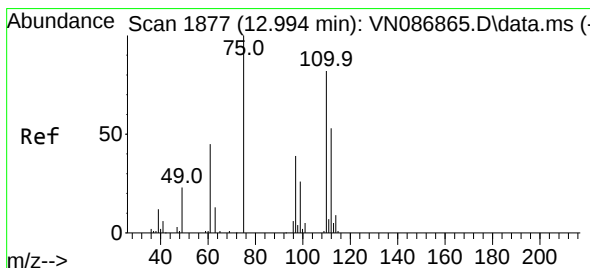
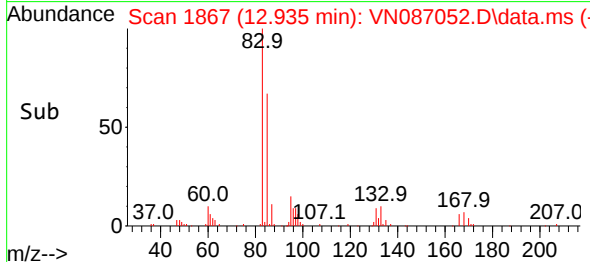
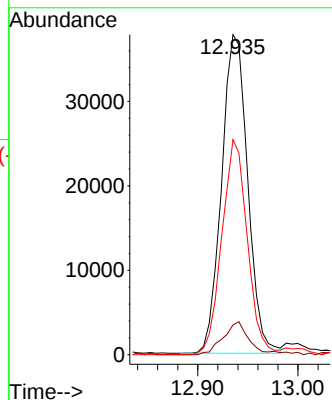
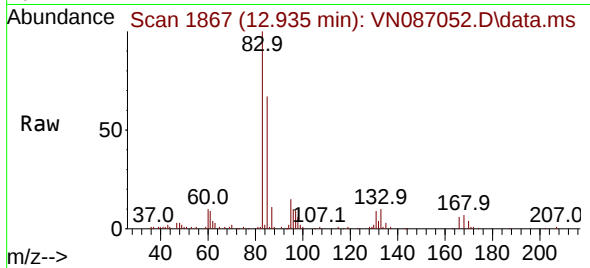




#75
1,1,2,2-Tetrachloroethane
Concen: 21.274 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

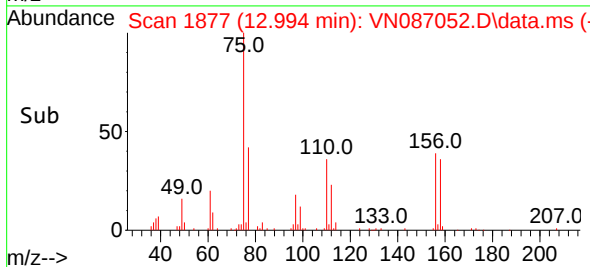
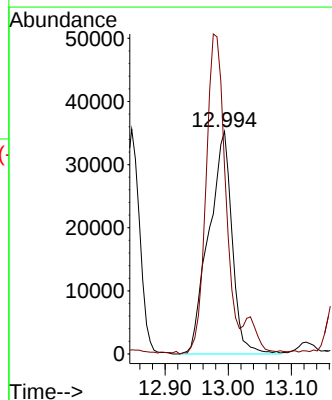
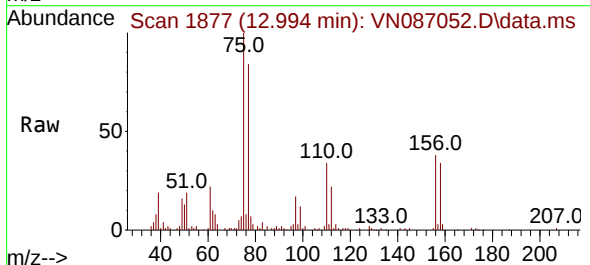
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

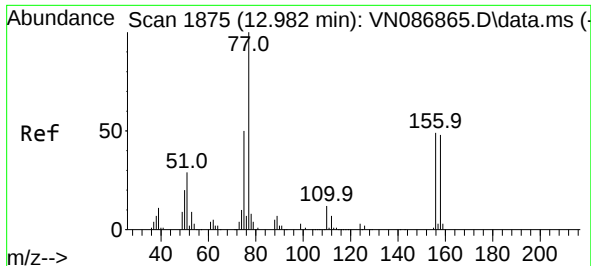
Tgt Ion: 83 Resp: 68144
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.7
85 65.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 29.218 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 75 Resp: 90141
Ion Ratio Lower Upper
75 100
77 119.4 79.3 237.9

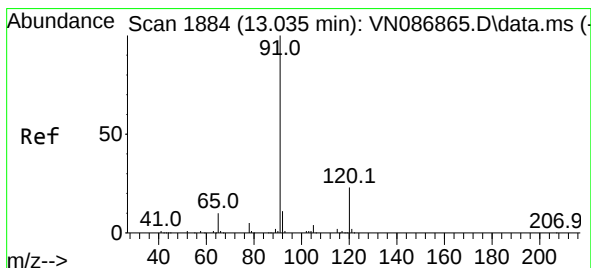
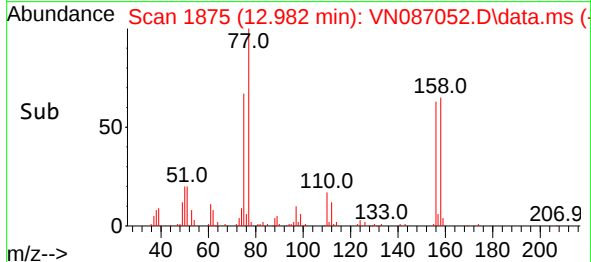
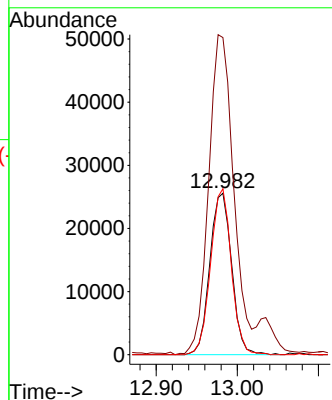
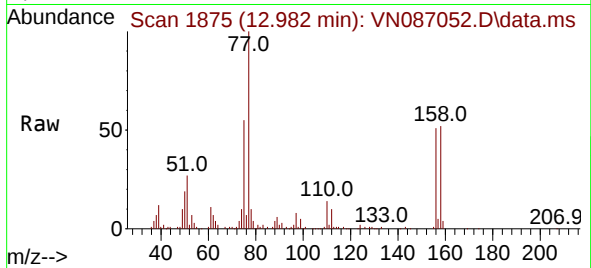




#77
Bromobenzene
Concen: 22.059 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

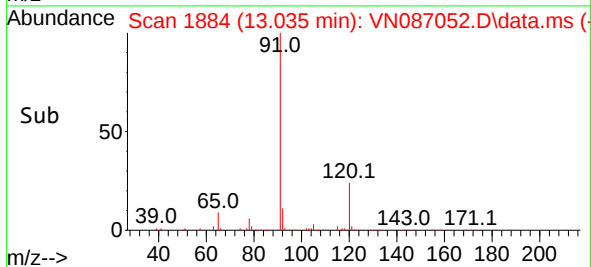
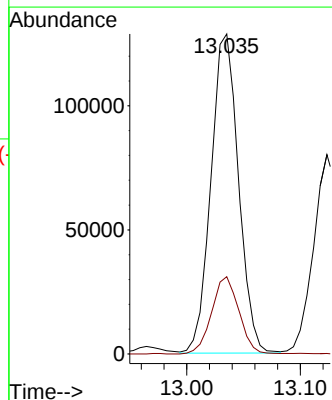
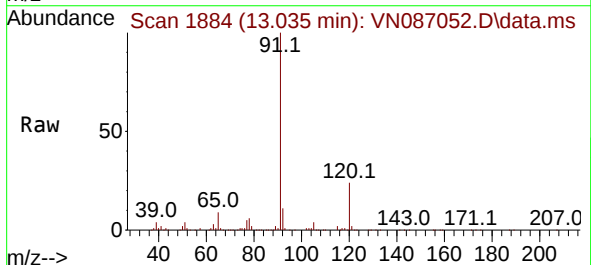
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

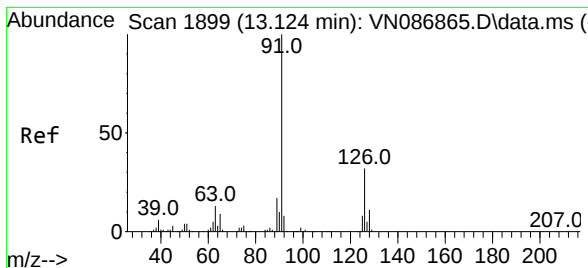
Tgt Ion:156 Resp: 47832
Ion Ratio Lower Upper
156 100
77 225.0 117.7 353.1
158 97.7 48.1 144.4



#78
n-propylbenzene
Concen: 18.881 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 91 Resp: 216960
Ion Ratio Lower Upper
91 100
120 23.9 11.4 34.2

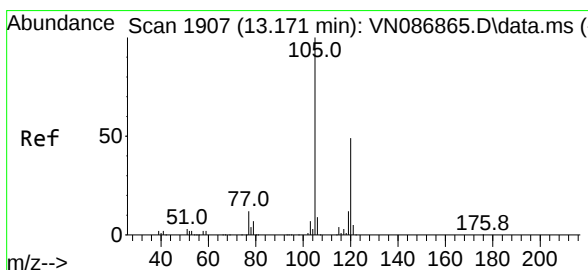
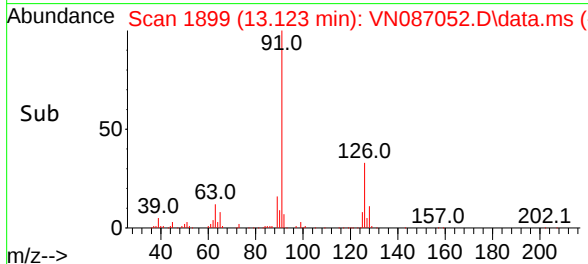
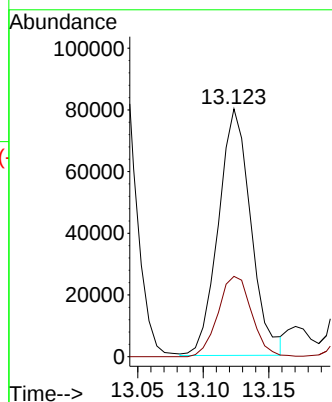
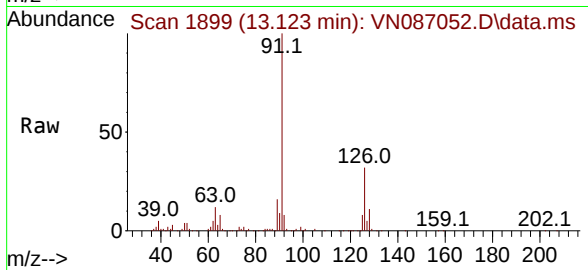




#79
2-Chlorotoluene
Concen: 20.027 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

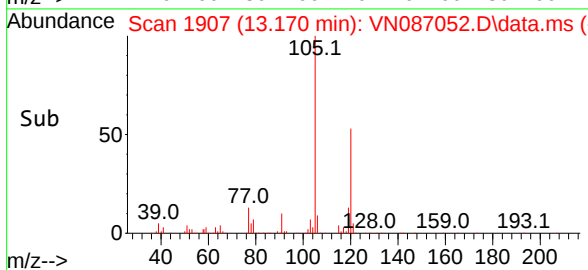
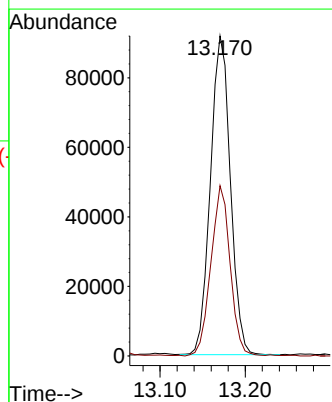
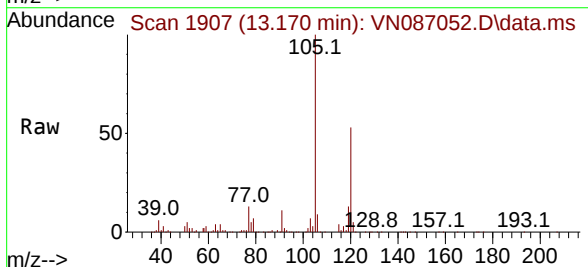
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

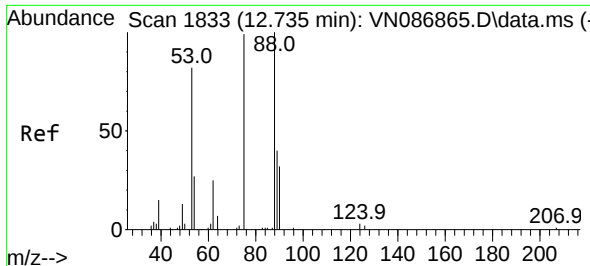
Tgt Ion: 91 Resp: 138007
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 19.142 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:105 Resp: 149431
Ion Ratio Lower Upper
105 100
120 51.5 24.9 74.6

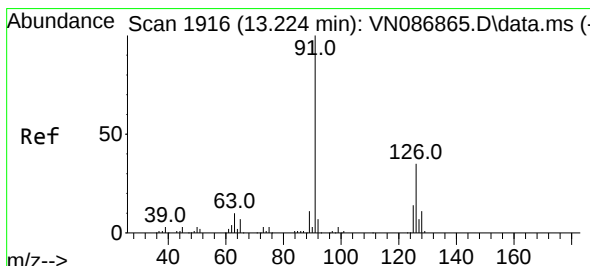
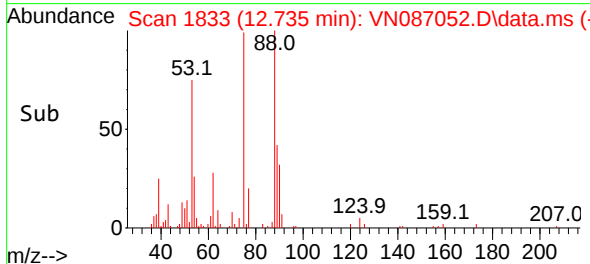
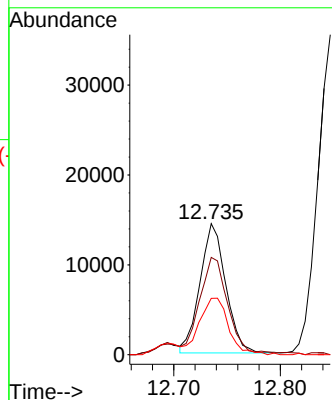
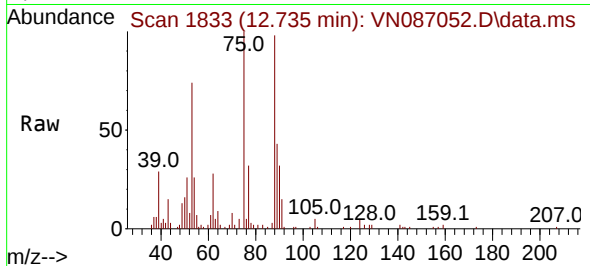




#81
trans-1,4-Dichloro-2-butene
Concen: 18.026 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

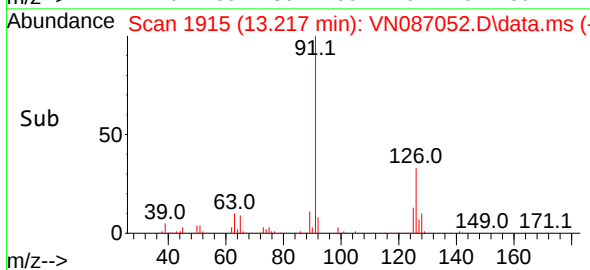
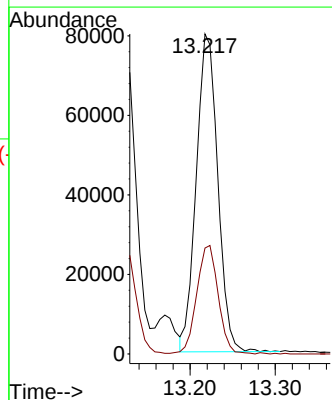
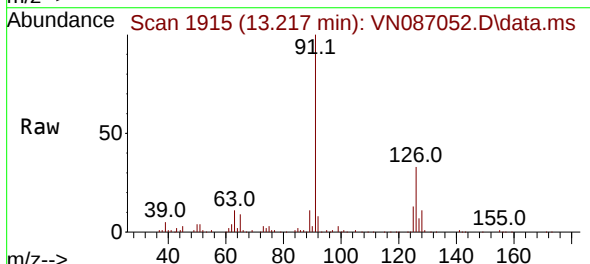
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

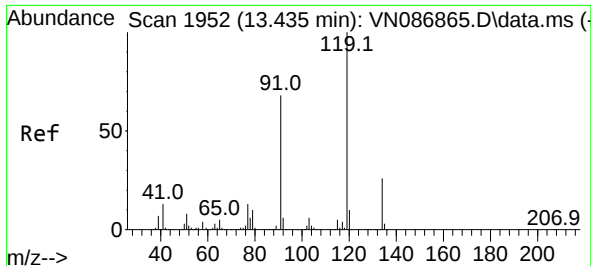
Tgt Ion: 75 Resp: 24159
Ion Ratio Lower Upper
75 100
53 84.3 66.6 99.8
89 50.0 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.092 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 91 Resp: 140095
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.1

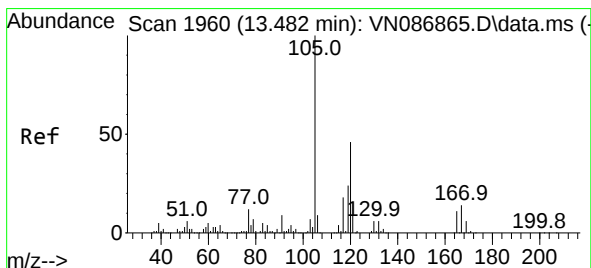
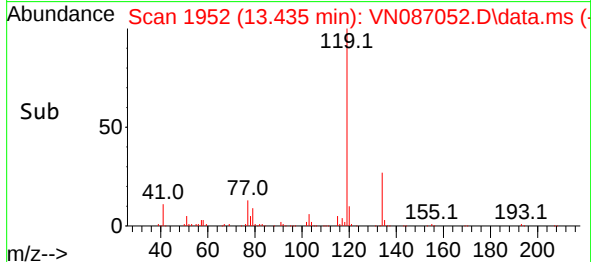
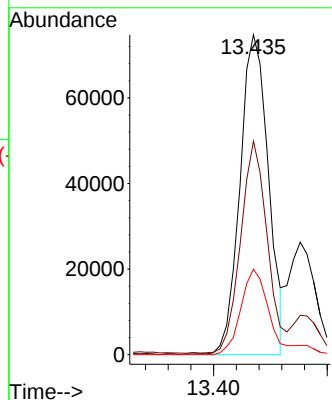
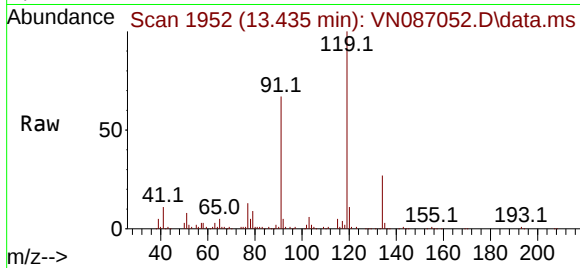




#83
tert-Butylbenzene
Concen: 18.198 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

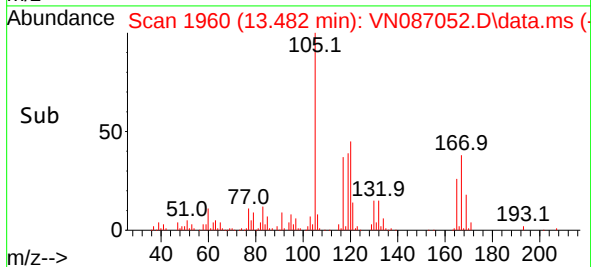
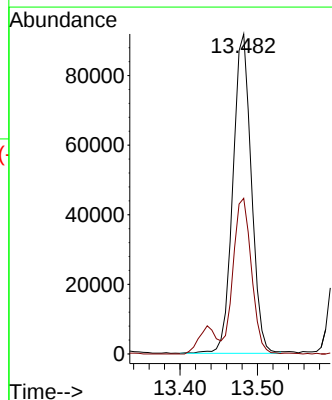
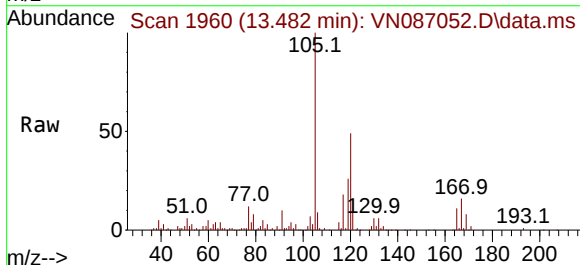
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

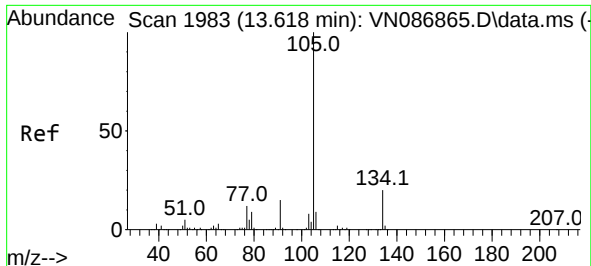
Tgt Ion:119 Resp: 130042
Ion Ratio Lower Upper
119 100
91 62.0 32.1 96.5
134 27.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.418 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:105 Resp: 152004
Ion Ratio Lower Upper
105 100
120 48.5 23.2 69.6

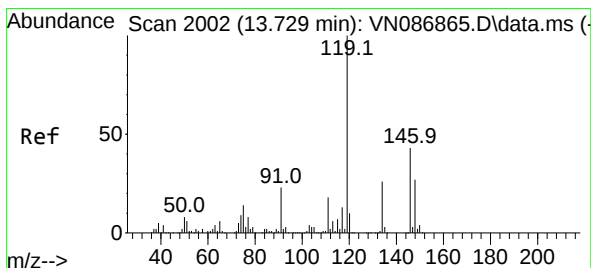
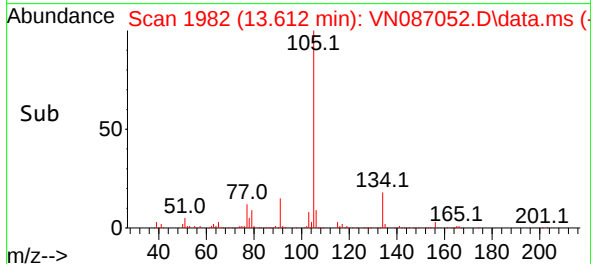
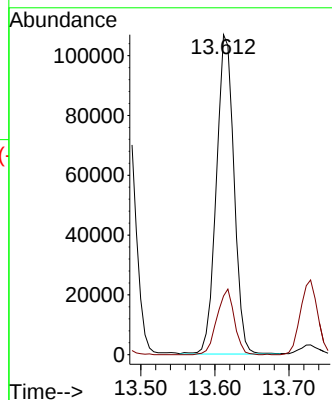
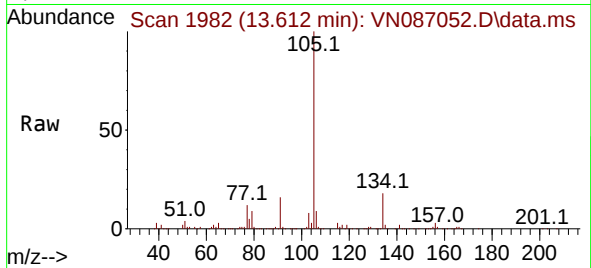




#85
 sec-Butylbenzene
 Concen: 17.016 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087052.D
 Acq: 17 Jun 2025 12:35

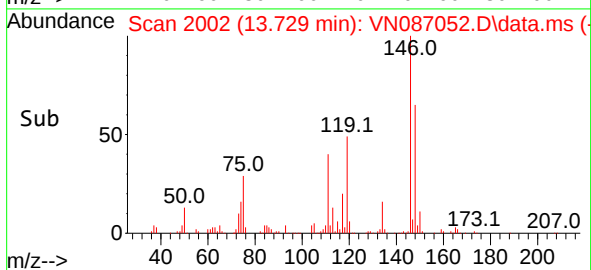
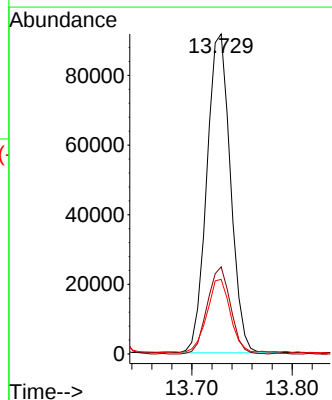
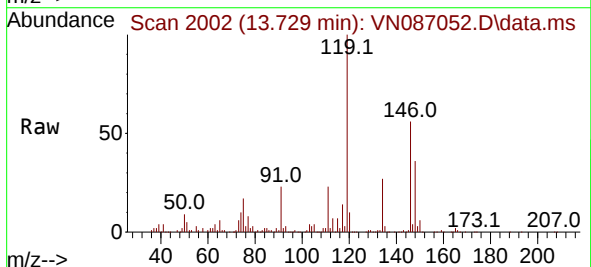
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

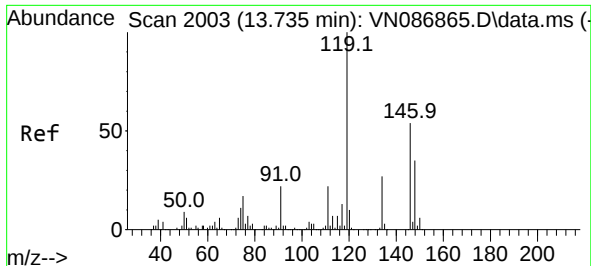
Tgt Ion:105 Resp: 176580
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 17.515 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087052.D
 Acq: 17 Jun 2025 12:35

Tgt Ion:119 Resp: 150247
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.7 11.5 34.4

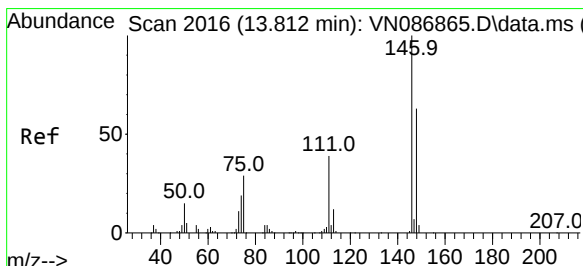
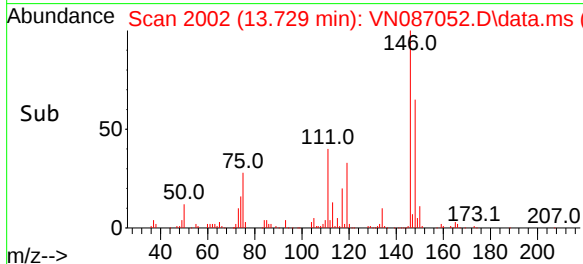
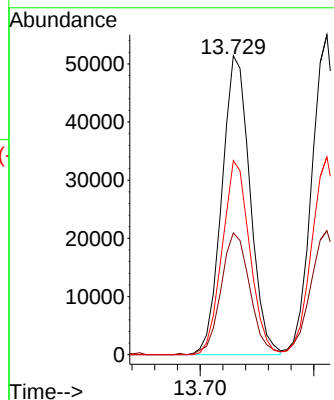
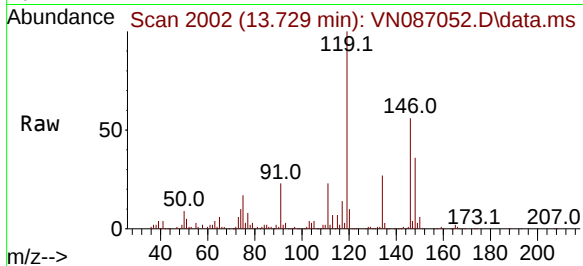




#87
1,3-Dichlorobenzene
Concen: 20.724 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

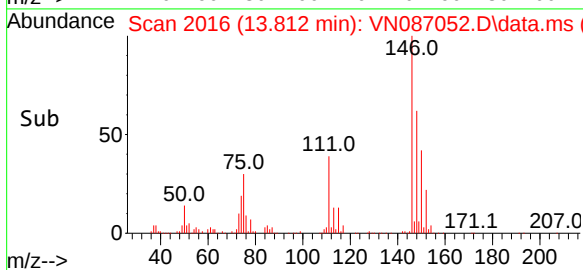
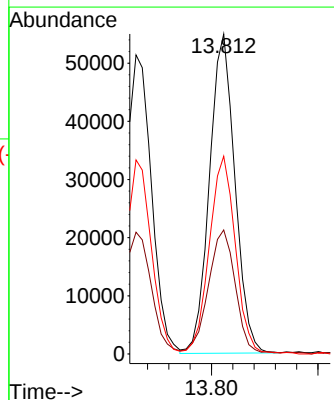
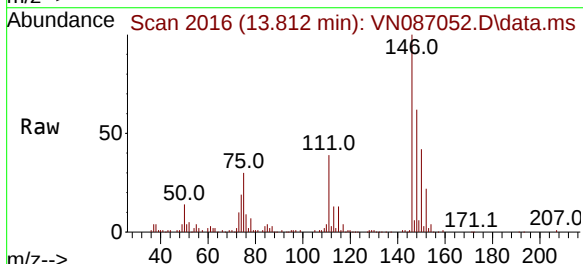
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

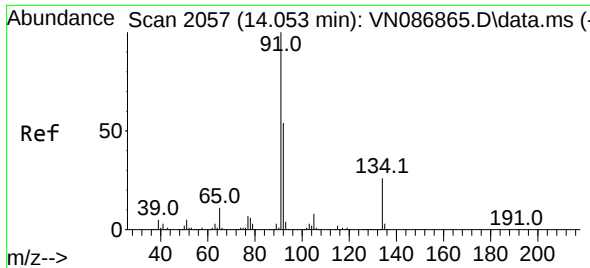
Tgt Ion:146 Resp: 88414
Ion Ratio Lower Upper
146 100
111 41.8 20.9 62.8
148 63.7 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 20.901 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:146 Resp: 90913
Ion Ratio Lower Upper
146 100
111 40.4 19.9 59.7
148 63.9 31.8 95.4

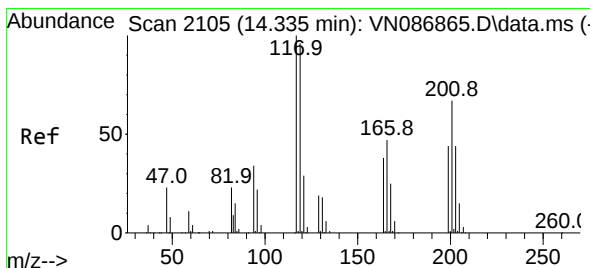
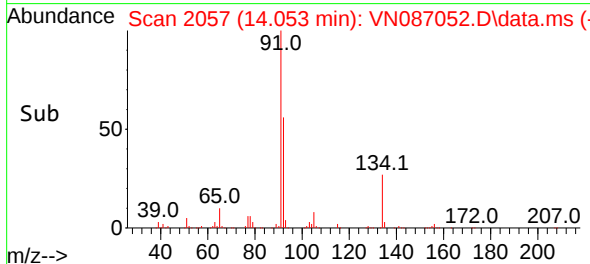
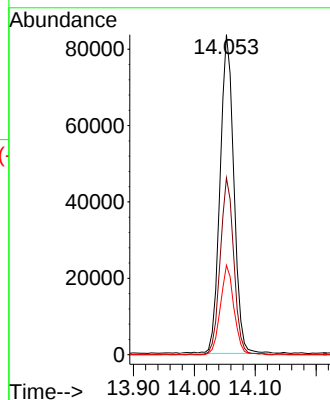
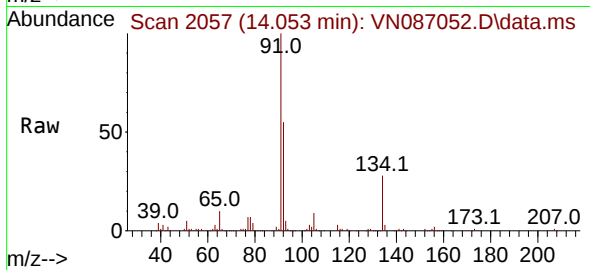




#89
n-Butylbenzene
Concen: 15.811 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

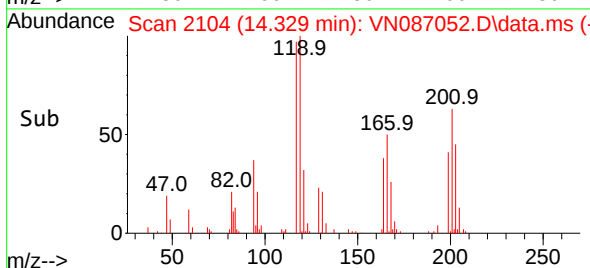
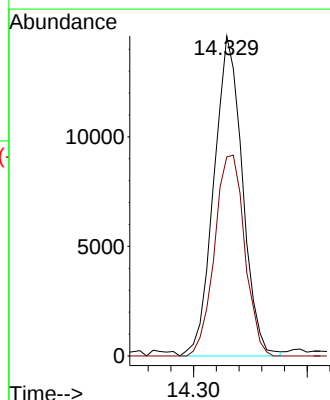
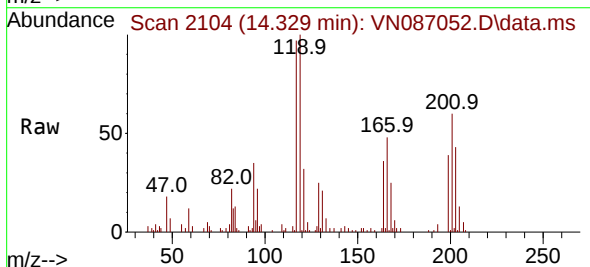
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

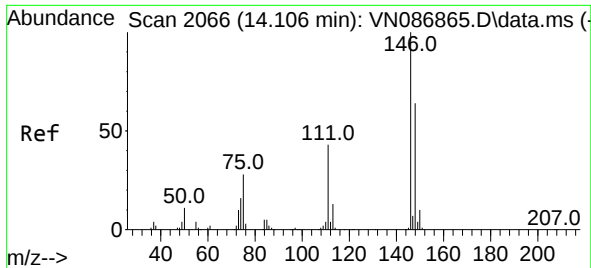
Tgt Ion: 91 Resp: 131374
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.4
134 27.6 13.0 39.0



#90
Hexachloroethane
Concen: 17.539 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion: 117 Resp: 25503
Ion Ratio Lower Upper
117 100
201 66.0 33.2 99.6

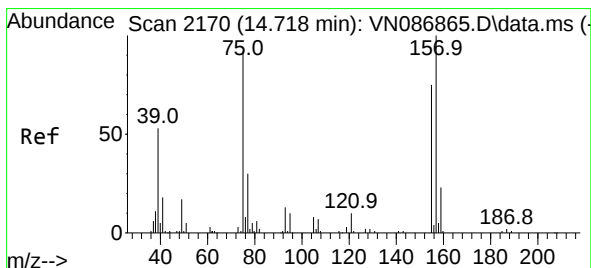
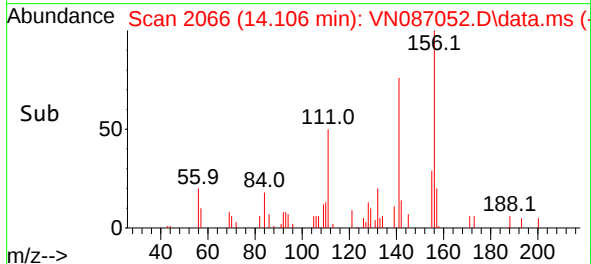
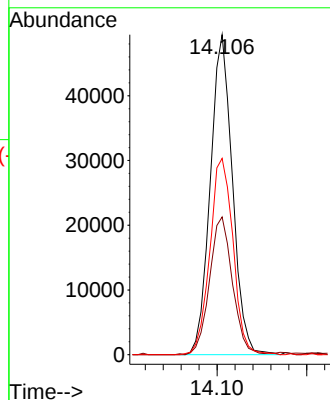
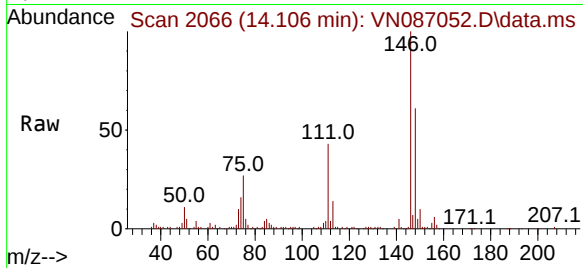




#91
1,2-Dichlorobenzene
Concen: 20.621 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

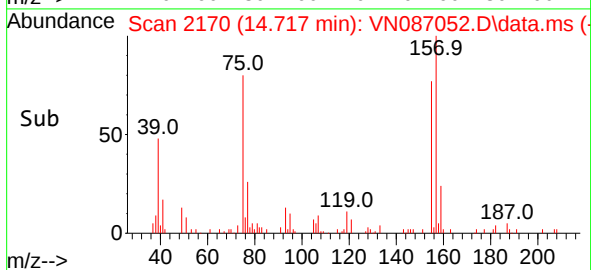
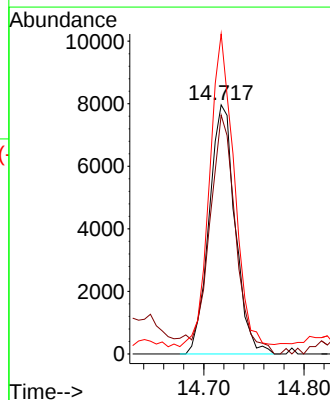
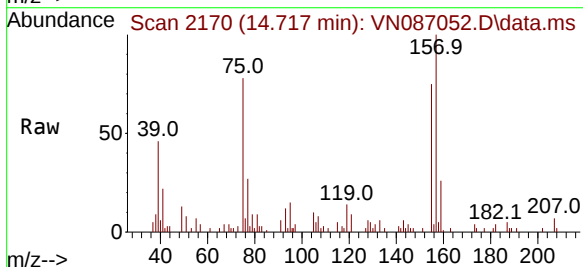
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

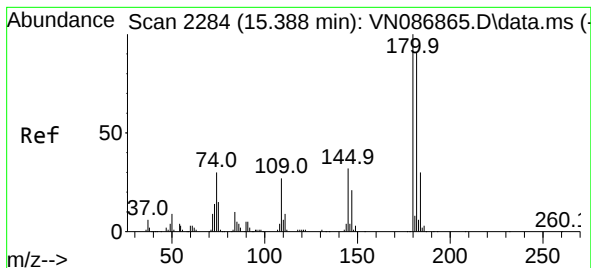
Tgt Ion:	146	Resp:	84520
Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.6	64.6
148	64.4	31.7	95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.753 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:	75	Resp:	14366
Ion	Ratio	Lower	Upper
75	100		
155	97.1	41.1	123.4
157	118.0	52.7	158.1





#93

1,2,4-Trichlorobenzene

Concen: 17.169 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBSD01

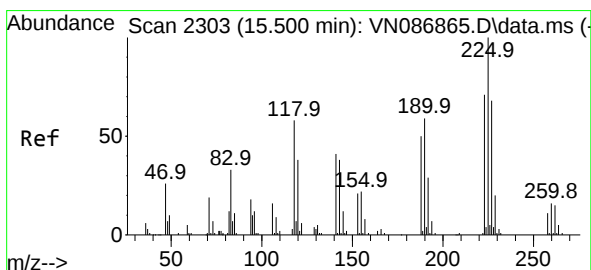
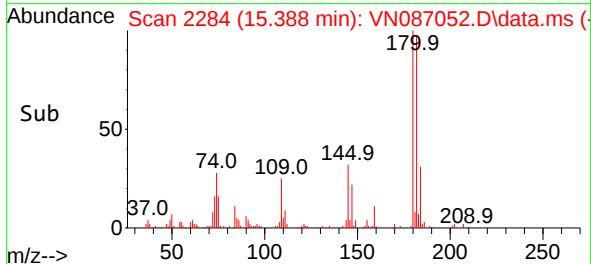
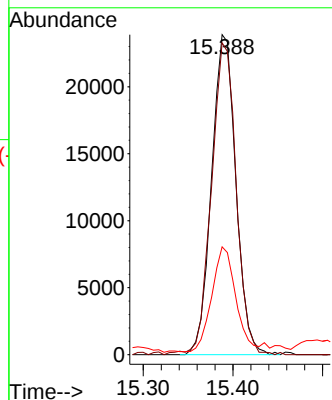
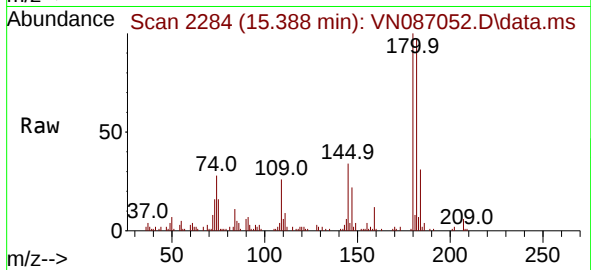
Tgt Ion:180 Resp: 44937

Ion Ratio Lower Upper

180 100

182 99.0 46.9 140.7

145 32.1 16.0 47.9



#94

Hexachlorobutadiene

Concen: 13.986 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN087052.D

Acq: 17 Jun 2025 12:35

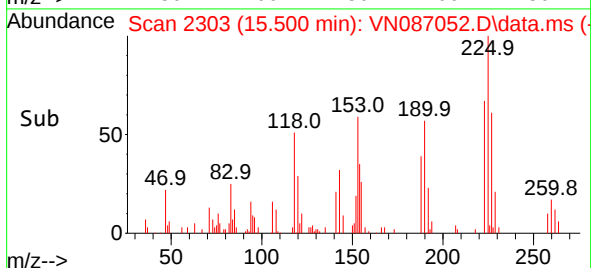
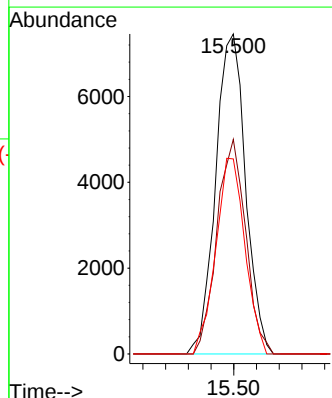
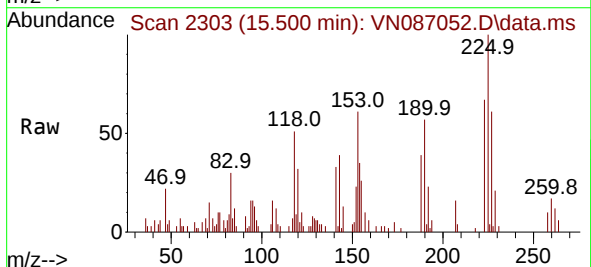
Tgt Ion:225 Resp: 13638

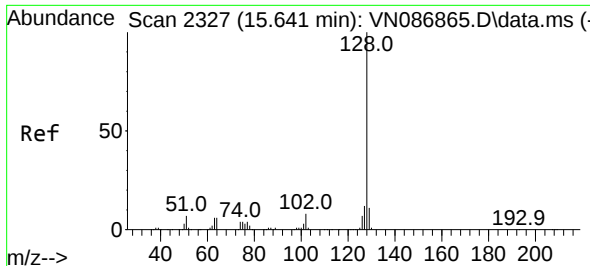
Ion Ratio Lower Upper

225 100

223 64.6 33.5 100.4

227 59.7 31.1 93.5

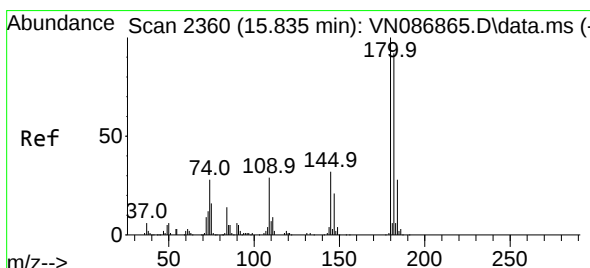
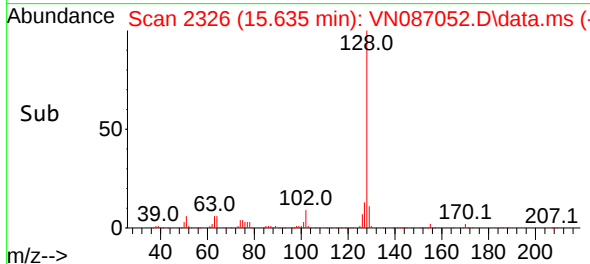
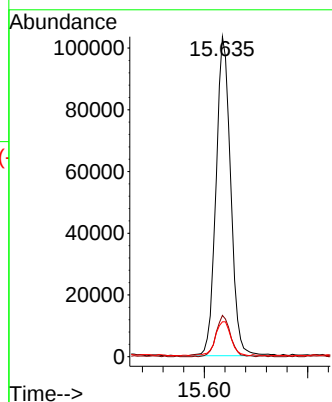
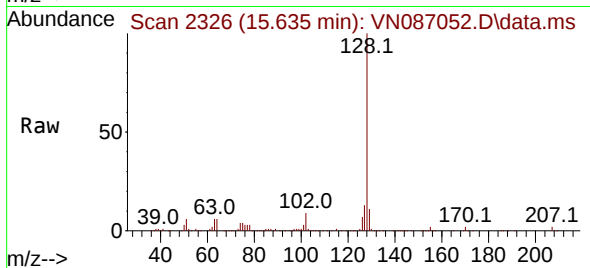




#95
Naphthalene
Concen: 20.911 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Tgt Ion:128 Resp: 203721
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.292 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087052.D
Acq: 17 Jun 2025 12:35

Tgt Ion:180 Resp: 42367
Ion Ratio Lower Upper
180 100
182 99.1 47.0 141.0
145 38.5 16.6 49.8

