

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087181.D
 Acq On : 26 Jun 2025 09:50
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 27 01:20:35 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	154123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108564	52.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.220%	
35) Dibromofluoromethane	8.177	113	88562	54.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.100%	
50) Toluene-d8	10.565	98	319406	49.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.847	95	122784	51.425	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	95412	62.089	ug/l	99
3) Chloromethane	2.395	50	95873	48.314	ug/l	100
4) Vinyl Chloride	2.553	62	106288	51.924	ug/l	99
5) Bromomethane	2.989	94	49630	43.326	ug/l	96
6) Chloroethane	3.153	64	49419	37.375	ug/l	98
7) Trichlorofluoromethane	3.530	101	110462	41.302	ug/l	97
8) Diethyl Ether	3.983	74	44083	37.831	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	79406	47.258	ug/l	100
10) Methyl Iodide	4.612	142	65244	29.953	ug/l	97
11) Tert butyl alcohol	5.536	59	134359	239.961	ug/l	100
12) 1,1-Dichloroethene	4.371	96	72729	42.397	ug/l	98
13) Acrolein	4.200	56	16867	95.168	ug/l	97
14) Allyl chloride	5.047	41	158498	55.712	ug/l	95
15) Acrylonitrile	5.736	53	377541	288.478	ug/l	99
16) Acetone	4.442	43	260172	237.750	ug/l	97
17) Carbon Disulfide	4.736	76	224089	47.226	ug/l	99
18) Methyl Acetate	5.042	43	172812	54.190	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	363052	58.451	ug/l	98
20) Methylene Chloride	5.300	84	116069	56.654	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	109895	57.580	ug/l	99
22) Diisopropyl ether	6.683	45	368016	61.367	ug/l	97
23) Vinyl Acetate	6.618	43	1623414	320.406	ug/l	98
24) 1,1-Dichloroethane	6.583	63	211146	61.182	ug/l	98
25) 2-Butanone	7.488	43	505469	284.168	ug/l	98
26) 2,2-Dichloropropane	7.500	77	187872	69.983	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	133173	58.344	ug/l	95
28) Bromochloromethane	7.824	49	85875	50.609	ug/l	96
29) Tetrahydrofuran	7.847	42	331490	286.078	ug/l	97
30) Chloroform	7.977	83	205566	59.645	ug/l	100
31) Cyclohexane	8.265	56	176500	52.736	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	173980	59.352	ug/l	98
36) 1,1-Dichloropropene	8.377	75	149017	61.603	ug/l	98
37) Ethyl Acetate	7.571	43	192772	62.602	ug/l	97
38) Carbon Tetrachloride	8.371	117	145730	61.364	ug/l	99
39) Methylcyclohexane	9.606	83	169260	51.073	ug/l	100
40) Benzene	8.612	78	472508	59.735	ug/l	99

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Quant Time: Jun 27 01:20:35 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)
41) Methacrylonitrile	7.782	41	103693	59.959	ug/l	98
42) 1,2-Dichloroethane	8.677	62	154680	64.471	ug/l	97
43) Isopropyl Acetate	8.694	43	295454	59.780	ug/l	99
44) Trichloroethene	9.353	130	109561	58.413	ug/l	97
45) 1,2-Dichloropropane	9.624	63	119863	62.285	ug/l	99
46) Dibromomethane	9.712	93	79171	61.938	ug/l	98
47) Bromodichloromethane	9.888	83	164179	62.427	ug/l	100
48) Methyl methacrylate	9.682	41	138091	60.705	ug/l	96
49) 1,4-Dioxane	9.700	88	39257	948.610	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	933927	313.887	ug/l	97
52) Toluene	10.629	92	290716	60.139	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	183061	62.249	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	195614	62.168	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	111460	59.923	ug/l	98
56) Ethyl methacrylate	10.876	69	187639	63.335	ug/l	98
57) 1,3-Dichloropropane	11.165	76	195875	60.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	503254	284.796	ug/l	98
59) 2-Hexanone	11.200	43	612004	319.329	ug/l	100
60) Dibromochloromethane	11.359	129	120564	62.211	ug/l	99
61) 1,2-Dibromoethane	11.470	107	114137	59.866	ug/l	98
64) Tetrachloroethene	11.100	164	84998	53.872	ug/l	98
65) Chlorobenzene	11.888	112	318064	57.845	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	106697	60.366	ug/l	98
67) Ethyl Benzene	11.965	91	552649	58.350	ug/l	99
68) m/p-Xylenes	12.070	106	423286	116.750	ug/l	98
69) o-Xylene	12.394	106	203535	58.616	ug/l	98
70) Styrene	12.412	104	355472	59.825	ug/l	99
71) Bromoform	12.576	173	81387	62.145	ug/l #	99
73) Isopropylbenzene	12.694	105	518199	55.100	ug/l	100
74) N-amyl acetate	12.517	43	141310	42.998	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	183281	57.525	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	245369	79.960	ug/l	70
77) Bromobenzene	12.976	156	121969	56.551	ug/l	97
78) n-propylbenzene	13.035	91	636602	55.700	ug/l	100
79) 2-Chlorotoluene	13.123	91	379482	55.365	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	427521	55.060	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	69955	52.477	ug/l	96
82) 4-Chlorotoluene	13.217	91	397718	57.347	ug/l	99
83) tert-Butylbenzene	13.435	119	367939	51.767	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	441855	56.749	ug/l	99
85) sec-Butylbenzene	13.612	105	533037	51.642	ug/l	100
86) p-Isopropyltoluene	13.729	119	433993	50.865	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	236401	55.709	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	247915	57.303	ug/l	99
89) n-Butylbenzene	14.053	91	410039	49.615	ug/l	98
90) Hexachloroethane	14.329	117	82433	56.997	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	231532	56.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39178	51.417	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	131272	50.424	ug/l	98
94) Hexachlorobutadiene	15.500	225	36257	37.381	ug/l	96
95) Naphthalene	15.635	128	492717	50.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	128140	49.541	ug/l	98

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ClientSampleId :
VSTDCCC050

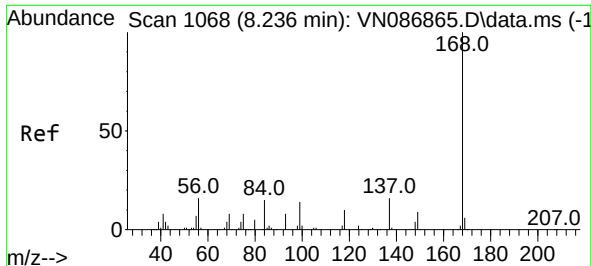
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

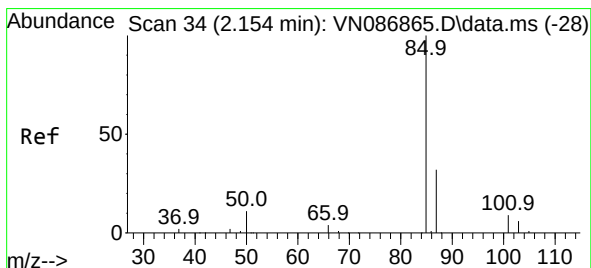
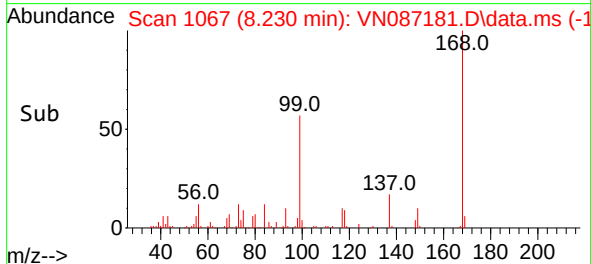
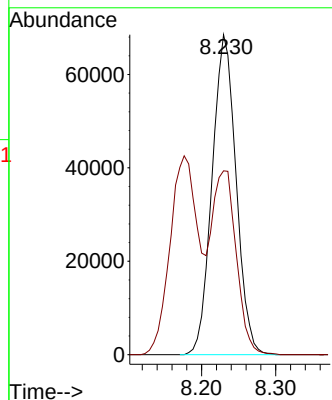
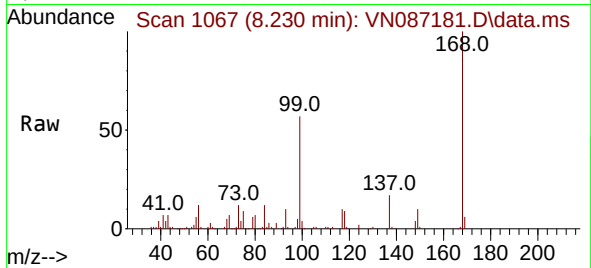
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

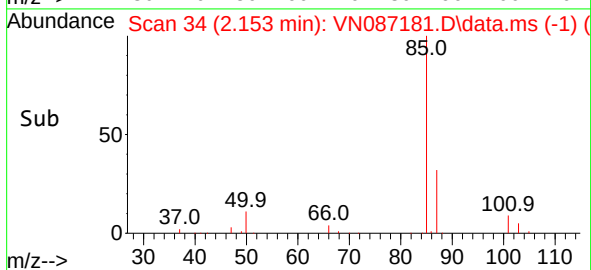
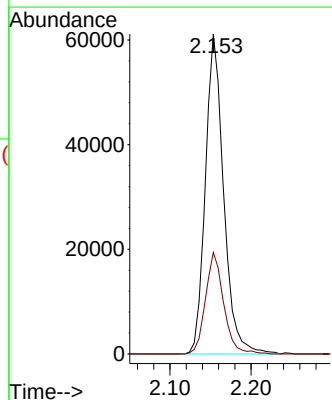
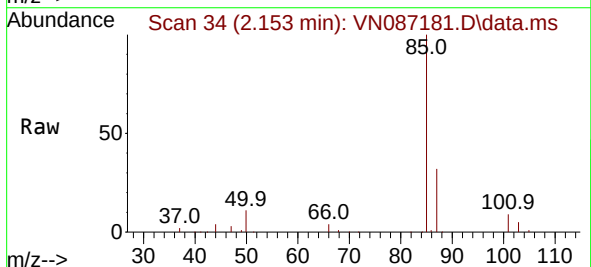
Instrument :
MSVOA_N
ClientSampleId :
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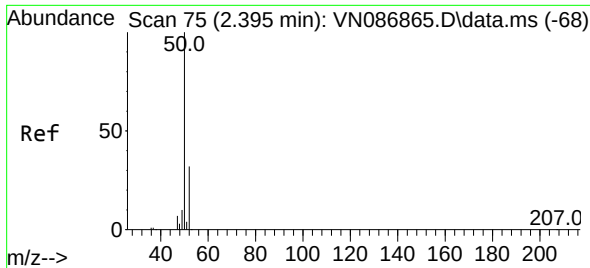
Tgt Ion:168 Resp: 154123
Ion Ratio Lower Upper
168 100
99 57.5 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 62.089 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 85 Resp: 95412
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.6

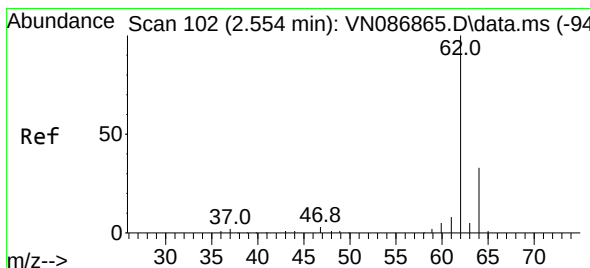
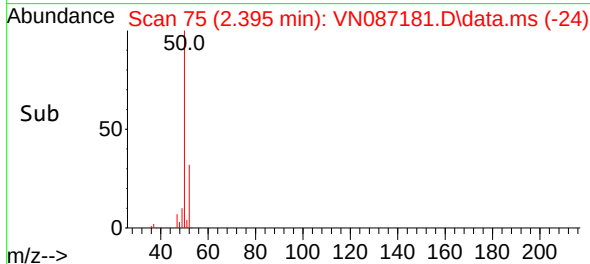
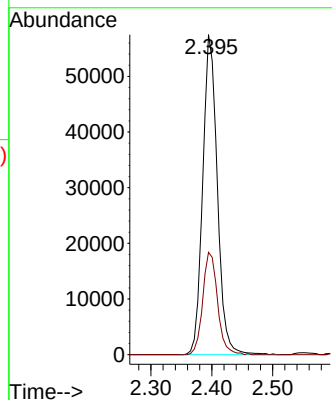
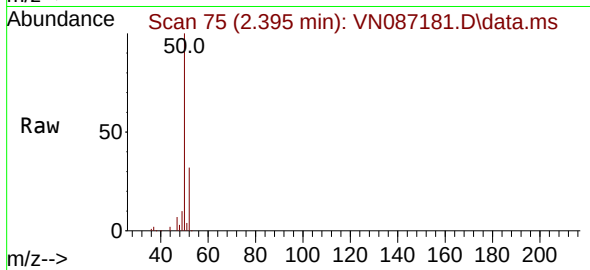




#3
Chloromethane
Concen: 48.314 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

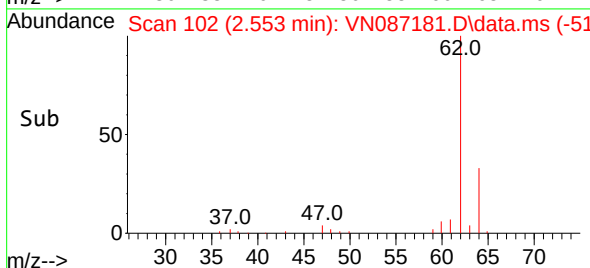
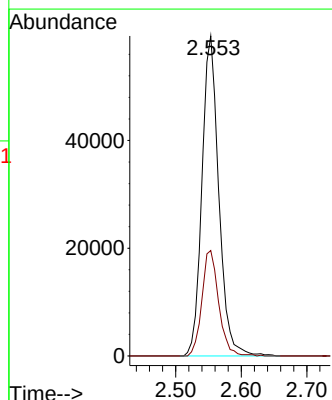
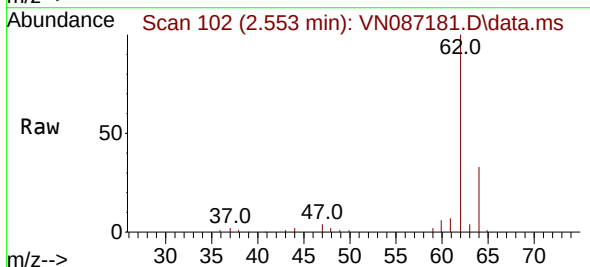
Instrument :
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ClientSampleId :
VSTDCCC050

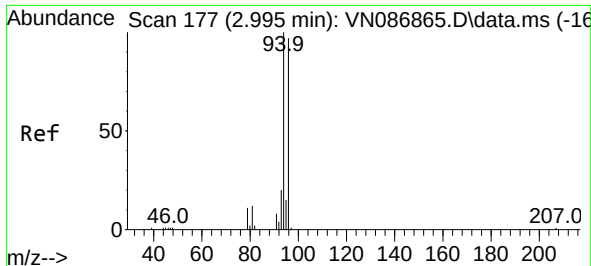
Tgt Ion: 50 Resp: 95873
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5



#4
Vinyl Chloride
Concen: 51.924 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 62 Resp: 106288
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

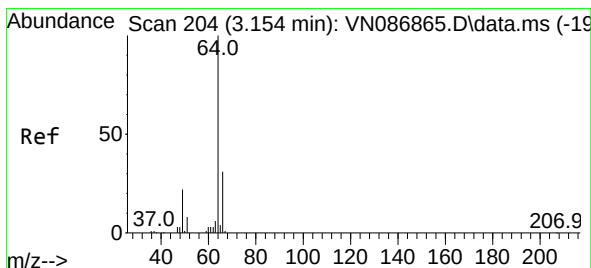
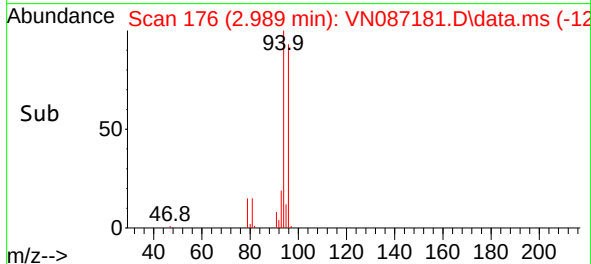
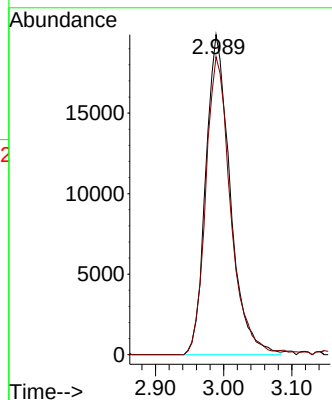
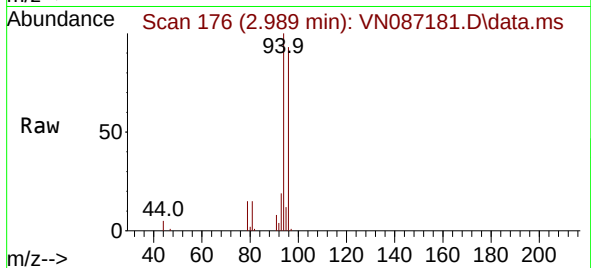




#5
Bromomethane
Concen: 43.326 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

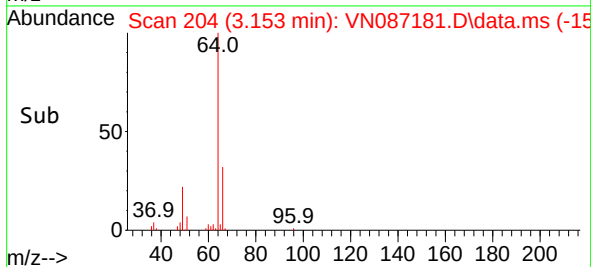
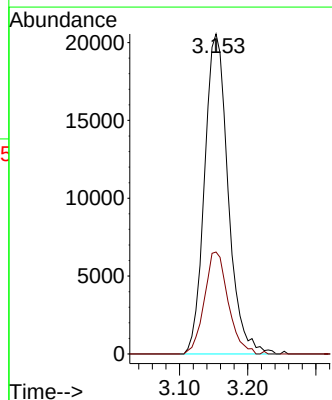
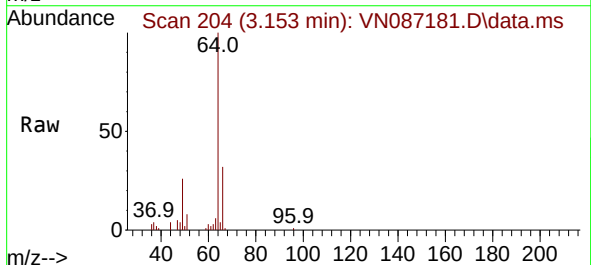
Instrument :
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ClientSampleId :
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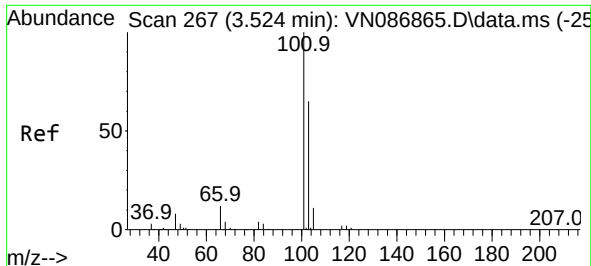
Tgt Ion: 94 Resp: 49630
Ion Ratio Lower Upper
94 100
96 93.1 77.9 116.9



#6
Chloroethane
Concen: 37.375 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 64 Resp: 49419
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8

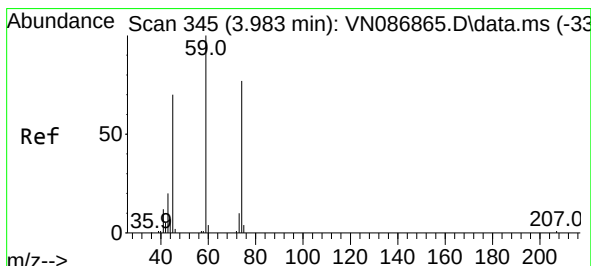
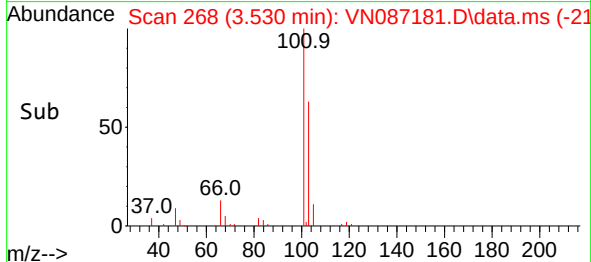
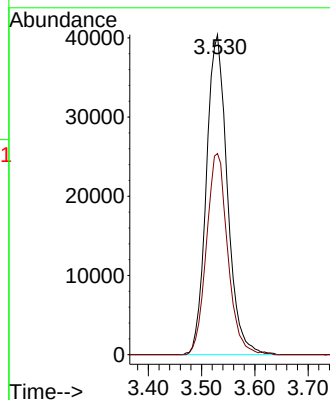
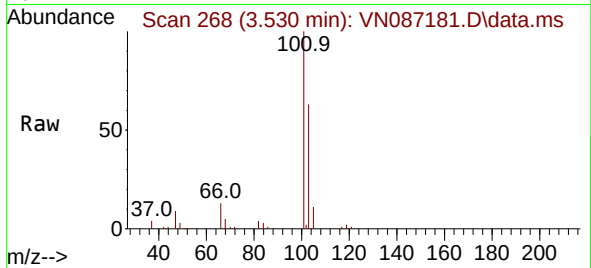




#7
 Trichlorofluoromethane
 Concen: 41.302 ug/l
 RT: 3.530 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

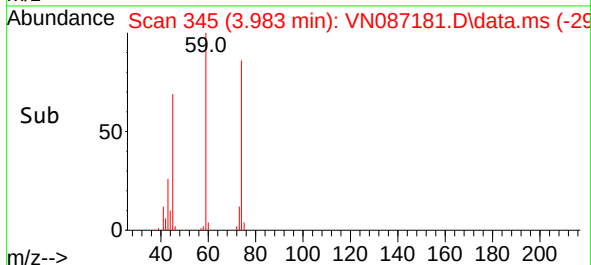
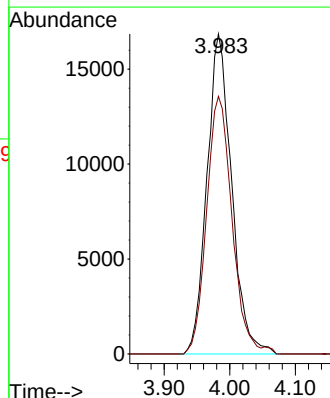
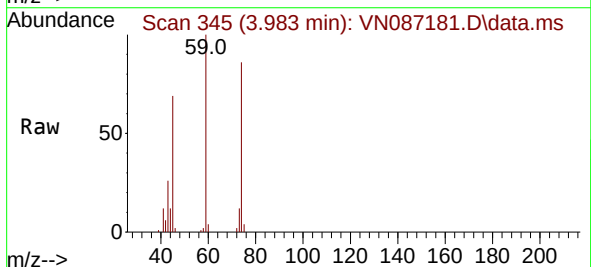
Instrument :
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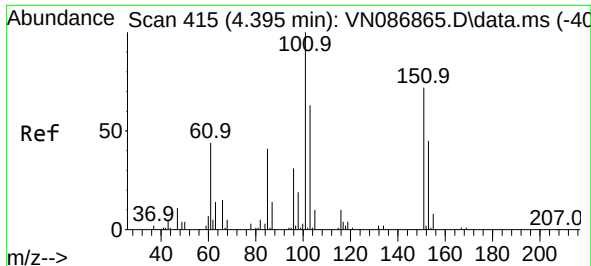
Tgt Ion:101 Resp: 110462
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.2 78.2



#8
 Diethyl Ether
 Concen: 37.831 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion: 74 Resp: 44083
 Ion Ratio Lower Upper
 74 100
 45 83.0 45.5 136.5

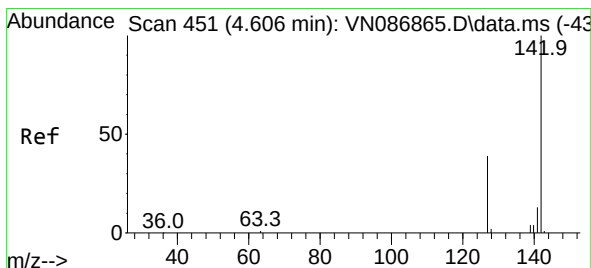
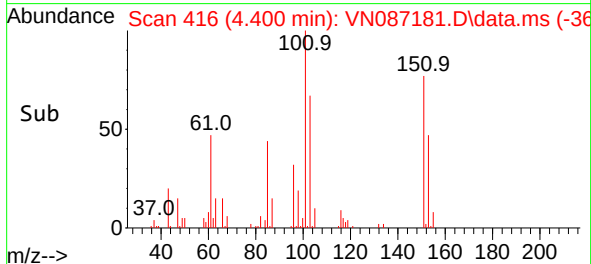
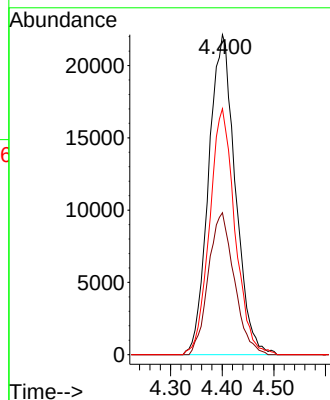
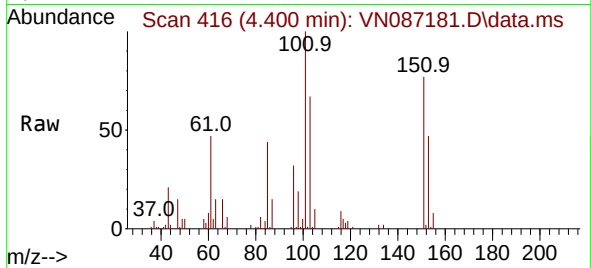




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.258 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087181.D
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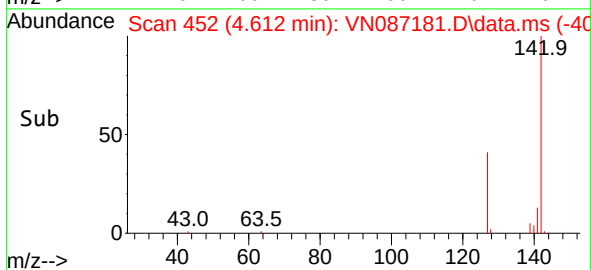
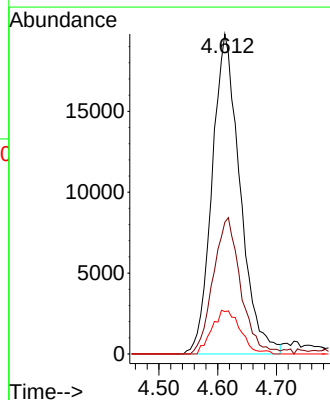
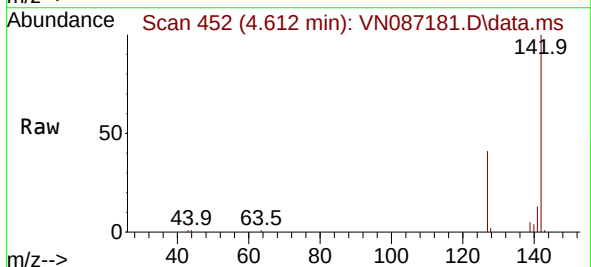
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

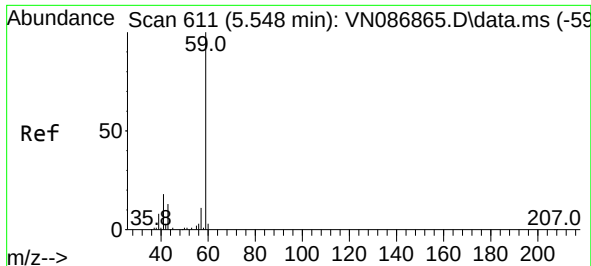
Tgt Ion:101 Resp: 79406
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.8
151 73.2 58.7 88.1



#10
Methyl Iodide
Concen: 29.953 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion:142 Resp: 65244
Ion Ratio Lower Upper
142 100
127 41.1 30.9 46.3
141 13.3 10.4 15.6

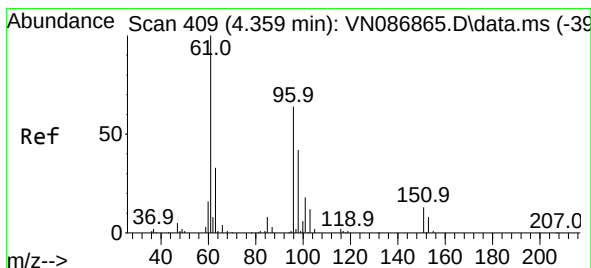
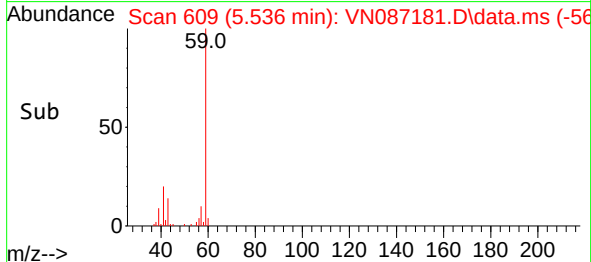
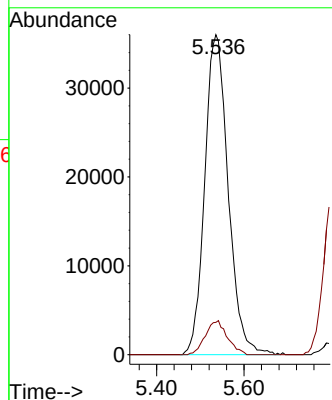
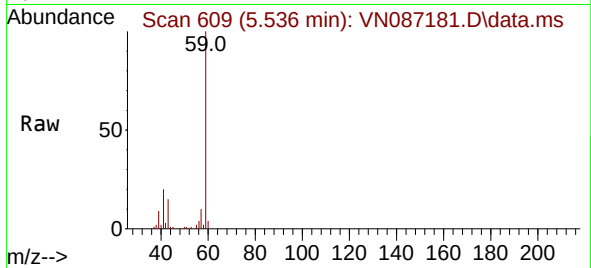




#11
Tert butyl alcohol
Concen: 239.961 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

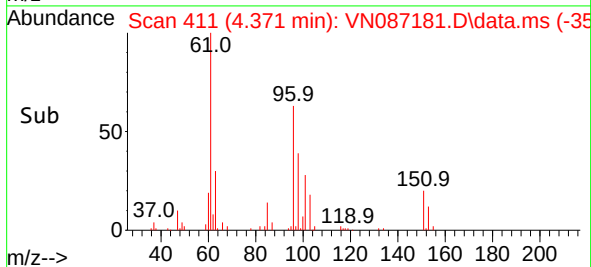
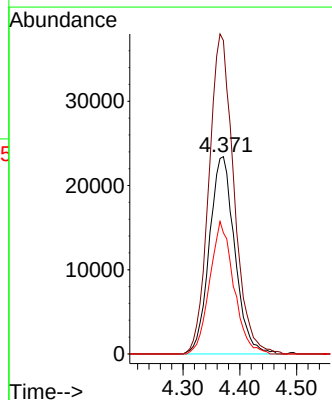
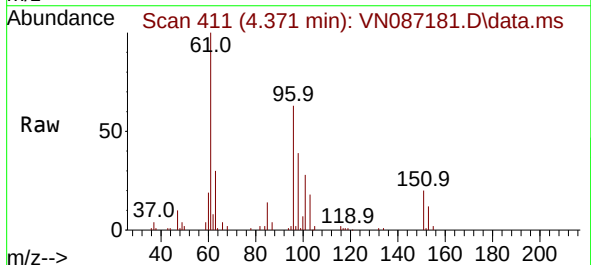
Instrument :
MSVOA_N
ClientSampleId :
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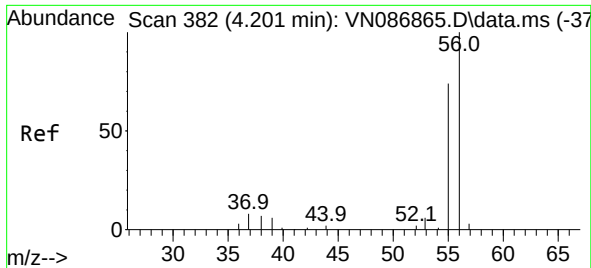
Tgt Ion: 59 Resp: 134359
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 42.397 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 96 Resp: 72729
Ion Ratio Lower Upper
96 100
61 158.8 125.8 188.6
98 61.4 52.5 78.7

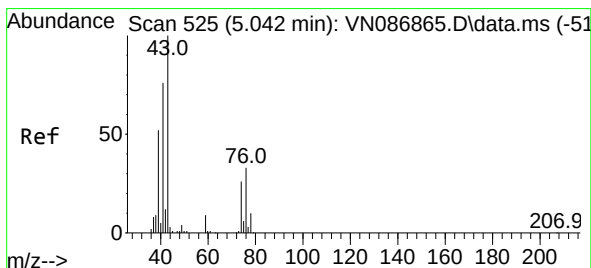
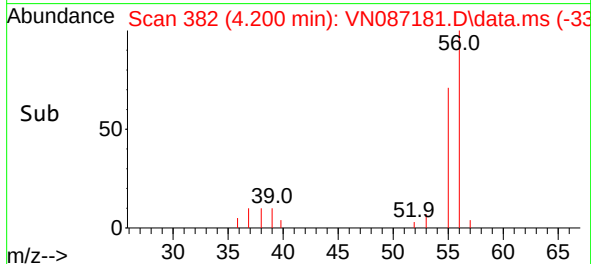
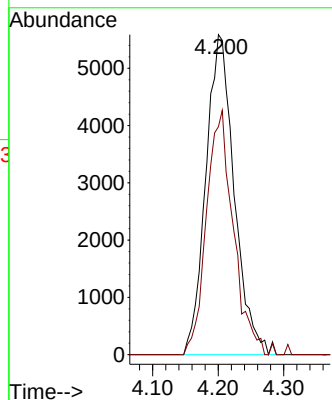
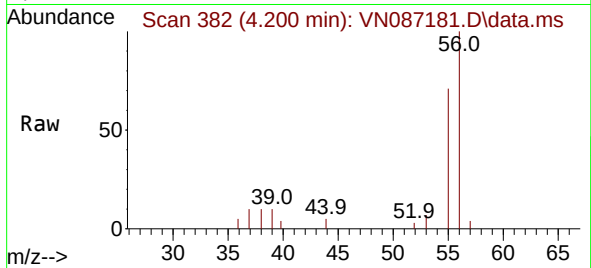




#13
Acrolein
Concen: 95.168 ug/l
RT: 4.200 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

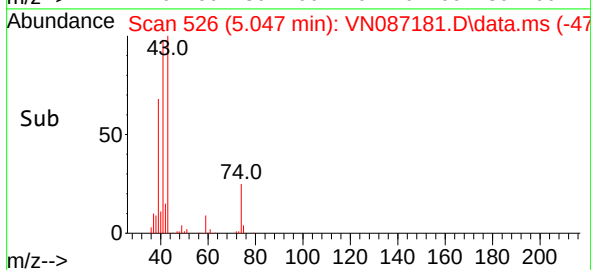
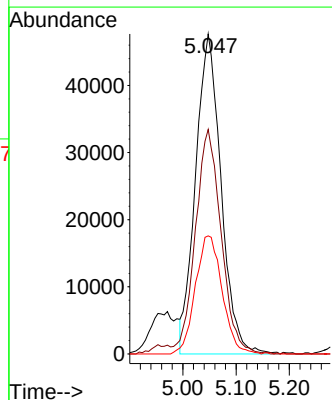
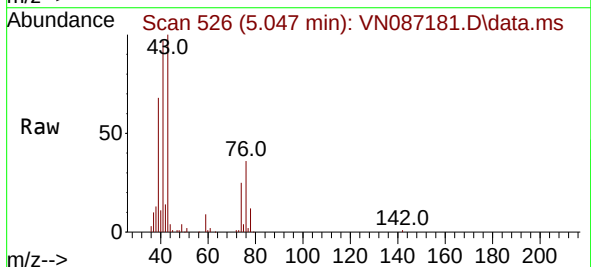
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

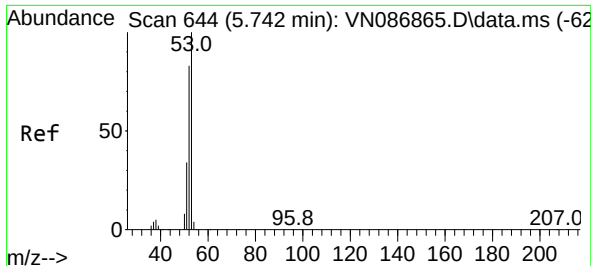
Tgt Ion: 56 Resp: 16867
Ion Ratio Lower Upper
56 100
55 71.8 55.6 83.4



#14
Allyl chloride
Concen: 55.712 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 41 Resp: 158498
Ion Ratio Lower Upper
41 100
39 70.2 51.3 76.9
76 38.7 31.4 47.0

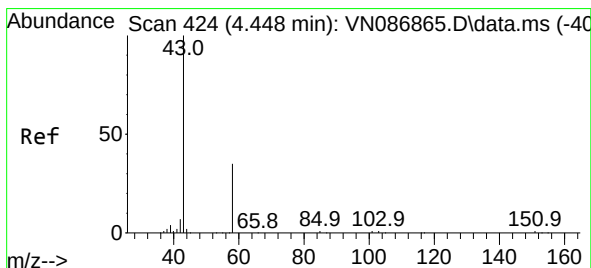
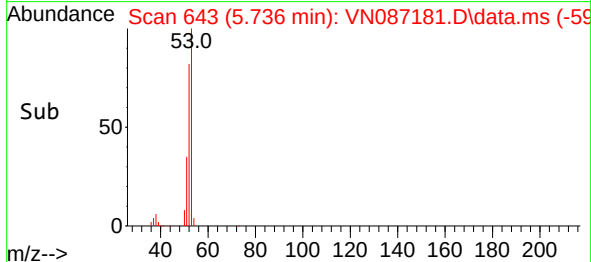
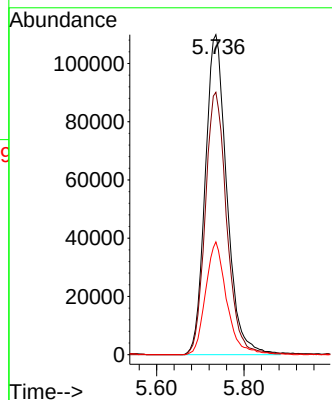
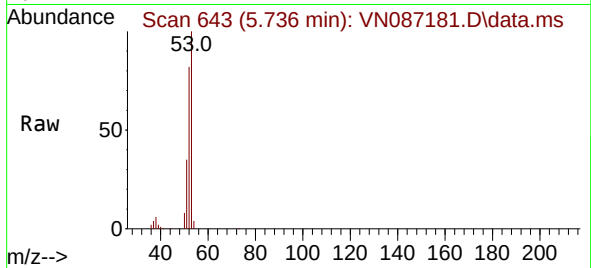




#15
Acrylonitrile
Concen: 288.478 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

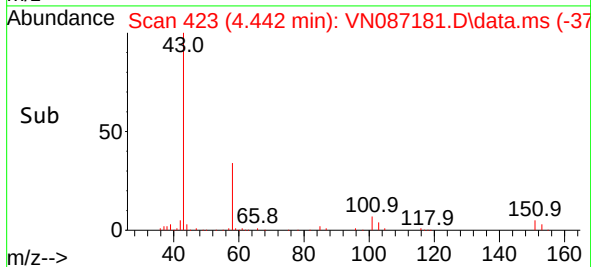
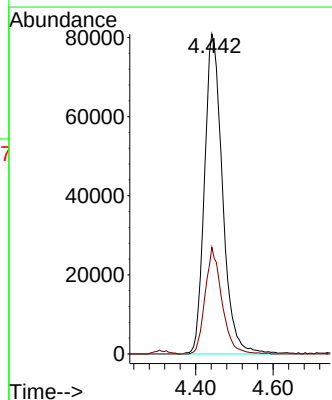
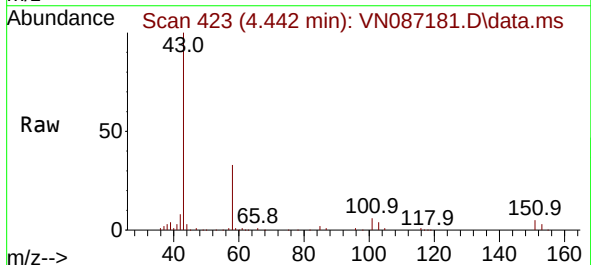
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

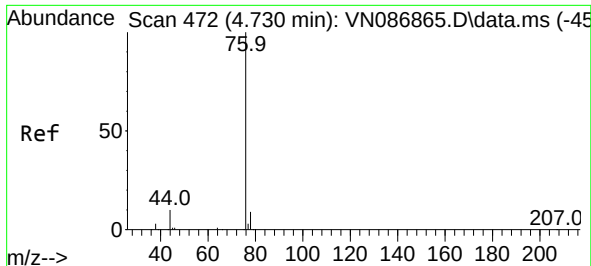
Tgt Ion: 53 Resp: 377541
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.6
51 34.6 27.2 40.8



#16
Acetone
Concen: 237.750 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 43 Resp: 260172
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0

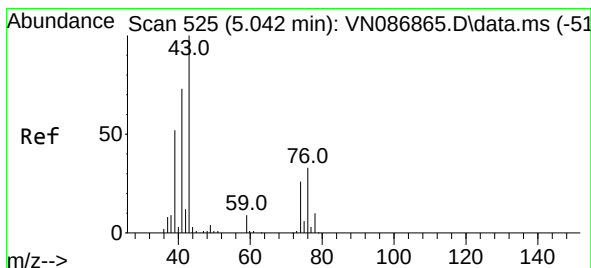
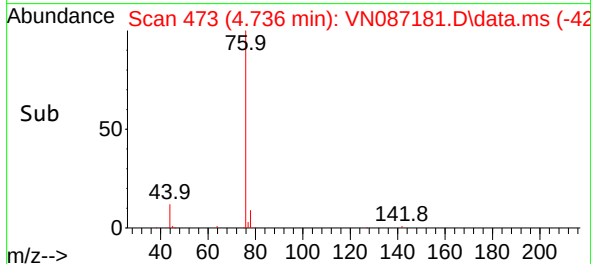
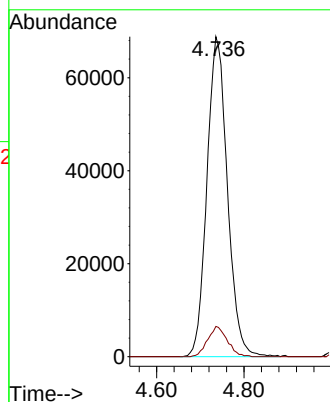
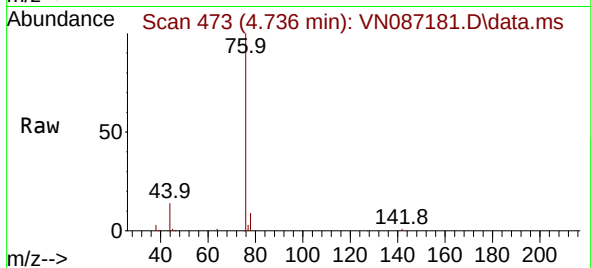




#17
Carbon Disulfide
Concen: 47.226 ug/l
RT: 4.736 min Scan# 472
Delta R.T. 0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

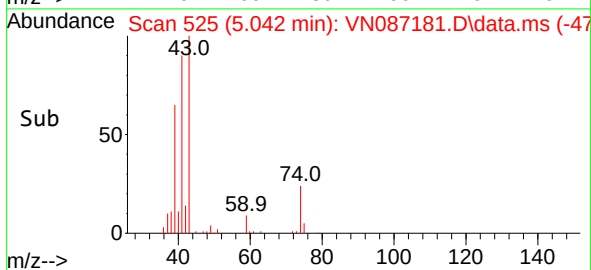
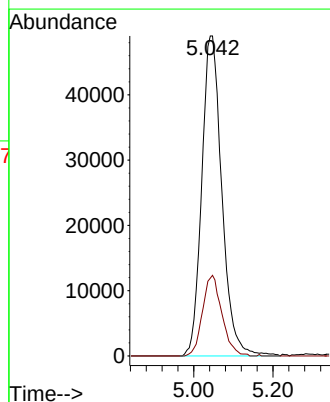
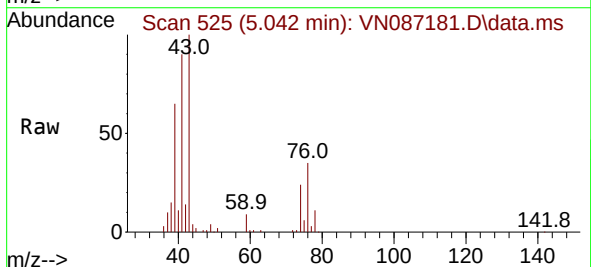
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

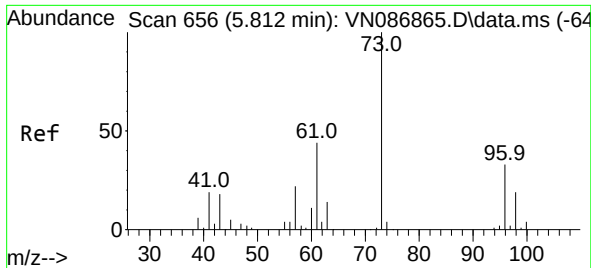
Tgt Ion: 76 Resp: 224089
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 54.190 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 43 Resp: 172812
Ion Ratio Lower Upper
43 100
74 24.2 20.7 31.1

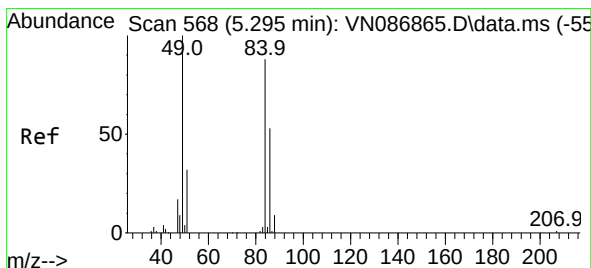
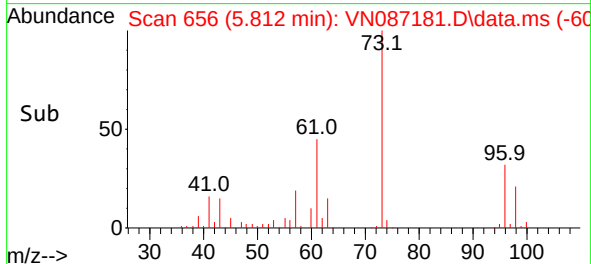
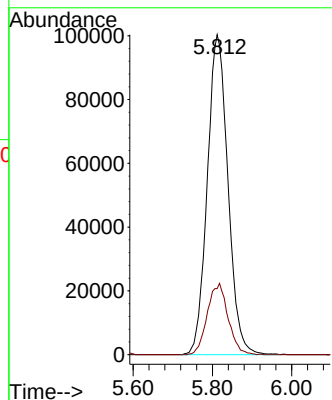
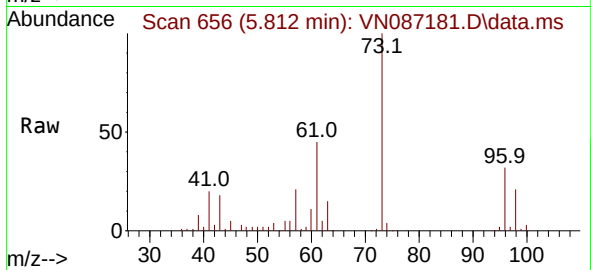




#19
Methyl tert-butyl Ether
Concen: 58.451 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

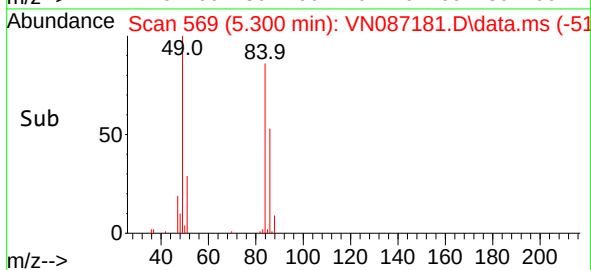
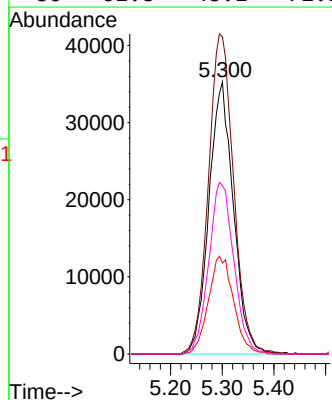
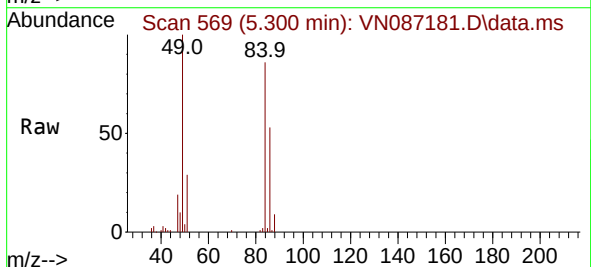
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

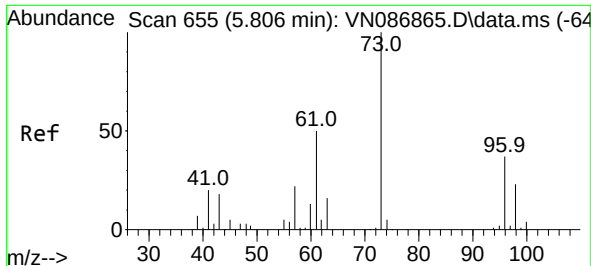
Tgt Ion: 73 Resp: 363052
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2



#20
Methylene Chloride
Concen: 56.654 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 84 Resp: 116069
Ion Ratio Lower Upper
84 100
49 116.5 90.5 135.7
51 33.4 28.5 42.7
86 61.8 48.1 72.1





#21

trans-1,2-Dichloroethene

Concen: 57.580 ug/l

RT: 5.806 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

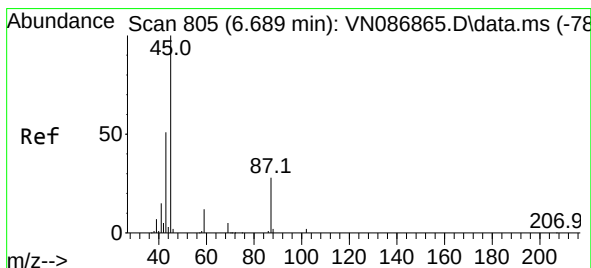
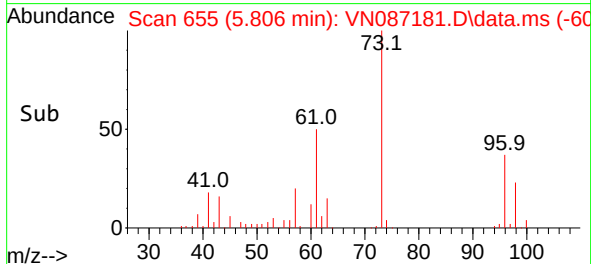
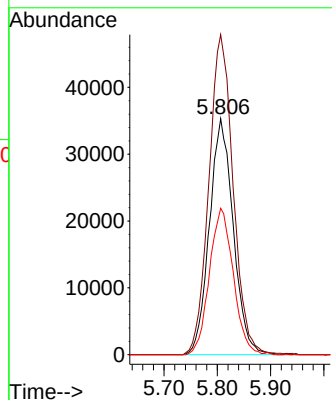
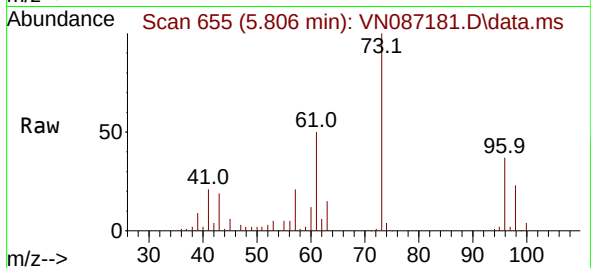
Tgt Ion: 96 Resp: 109895

Ion Ratio Lower Upper

96 100

61 135.6 109.2 163.8

98 62.1 49.8 74.8



#22

Diisopropyl ether

Concen: 61.367 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.006 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Tgt Ion: 45 Resp: 368016

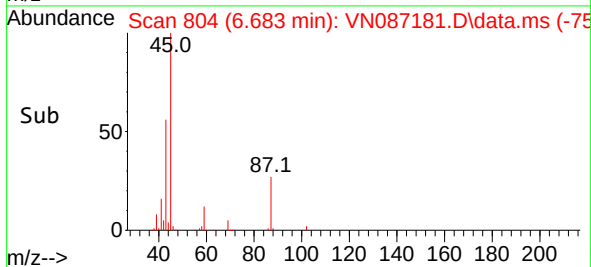
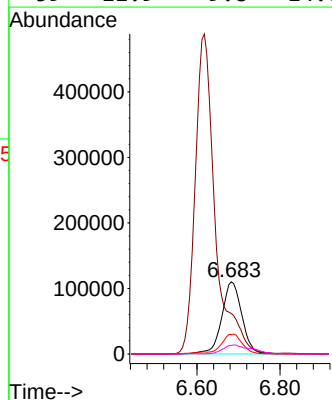
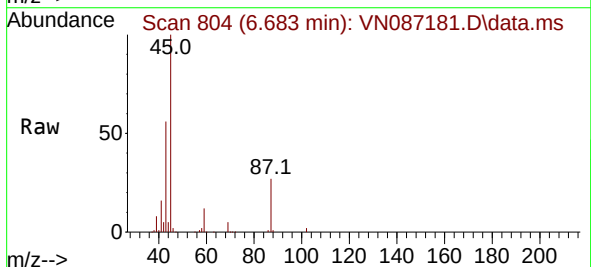
Ion Ratio Lower Upper

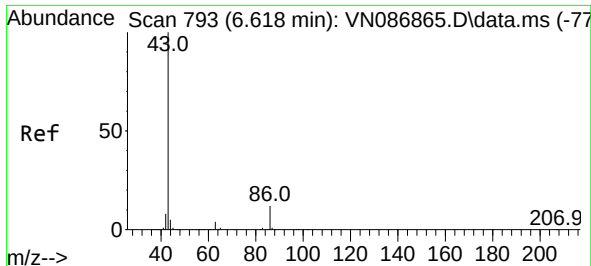
45 100

43 55.2 41.9 62.9

87 27.0 22.4 33.6

59 11.9 9.8 14.6

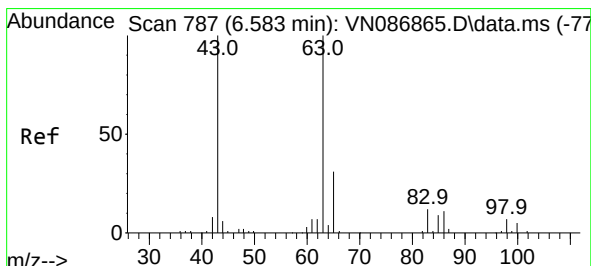
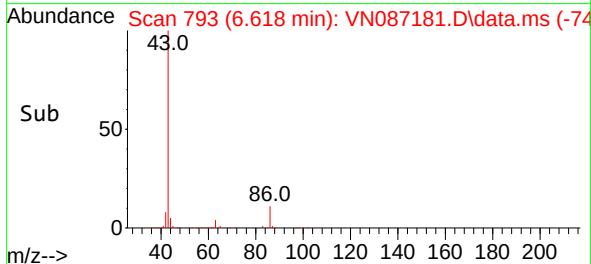
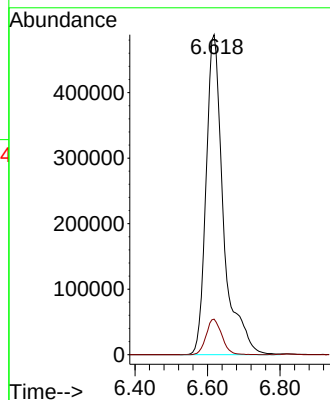
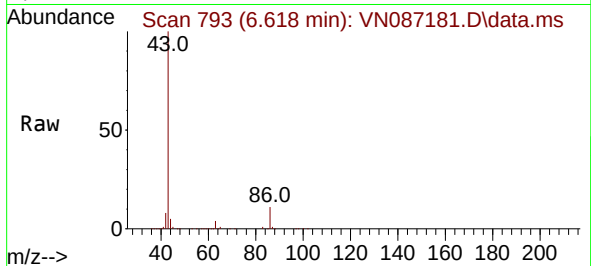




#23
 Vinyl Acetate
 Concen: 320.406 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

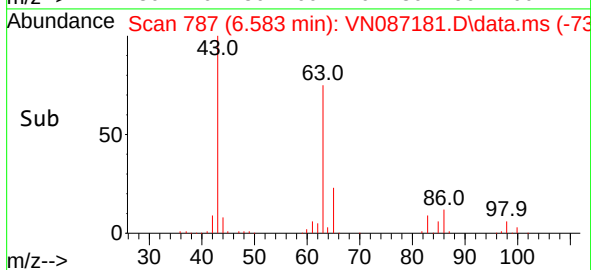
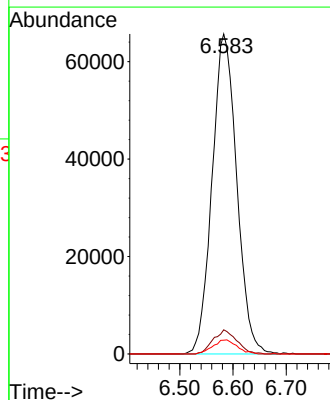
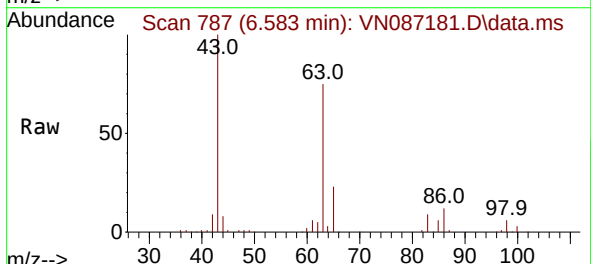
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

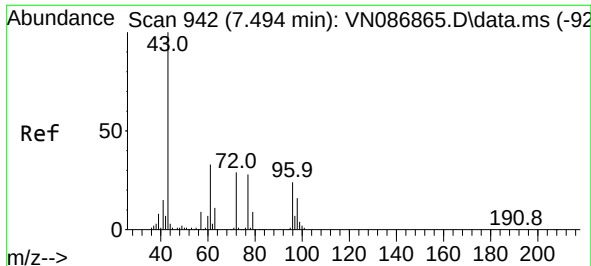
Tgt Ion: 43 Resp: 1623414
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 61.182 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion: 63 Resp: 211146
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.3 2.6 7.8

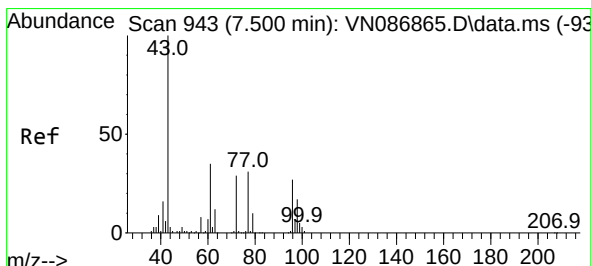
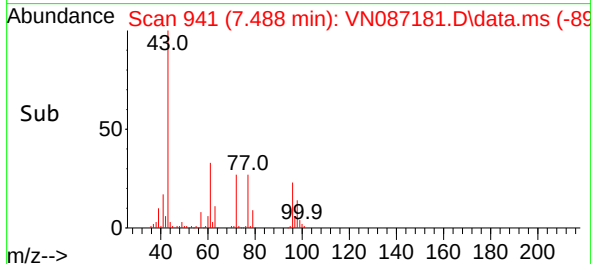
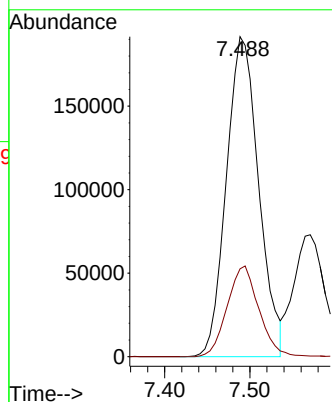
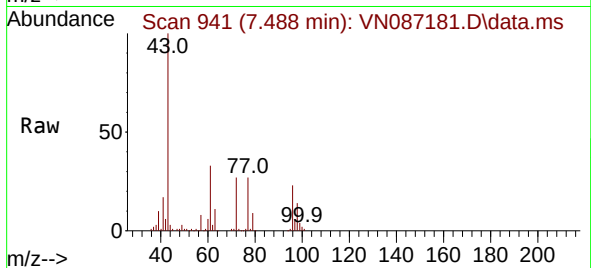




#25
2-Butanone
Concen: 284.168 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

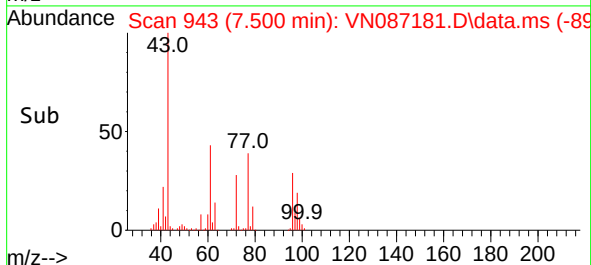
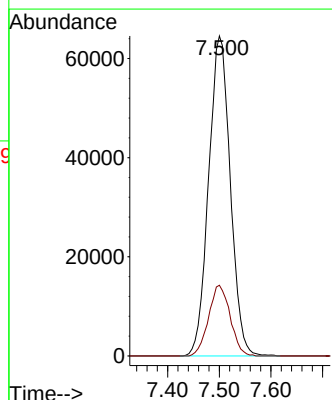
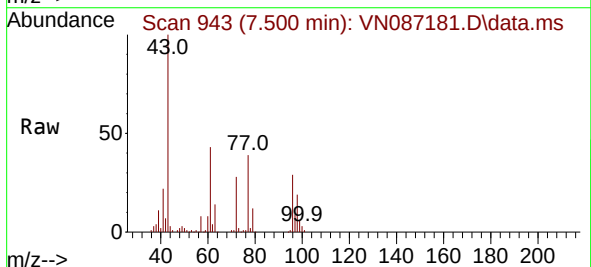
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

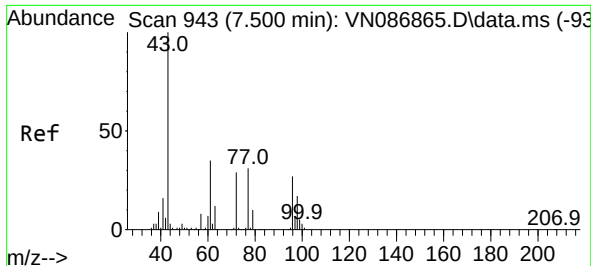
Tgt Ion: 43 Resp: 505469
Ion Ratio Lower Upper
43 100
72 27.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 69.983 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 77 Resp: 187872
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.7

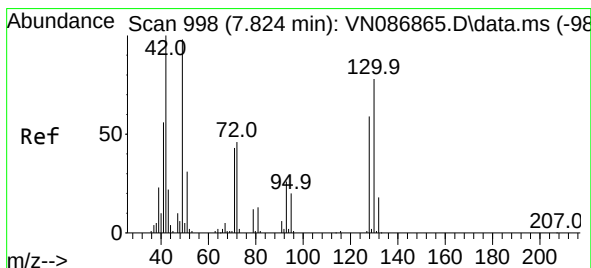
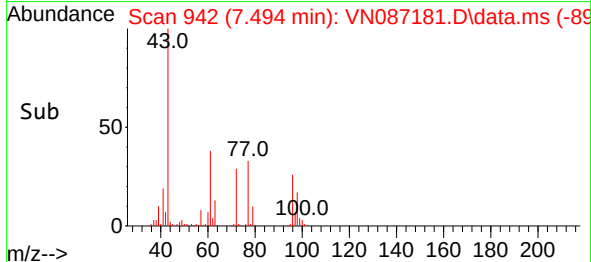
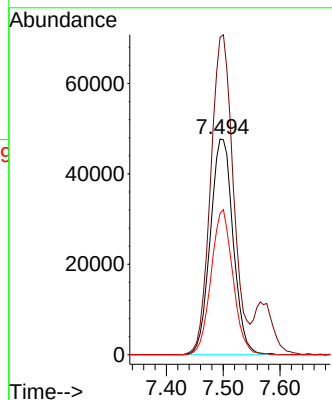
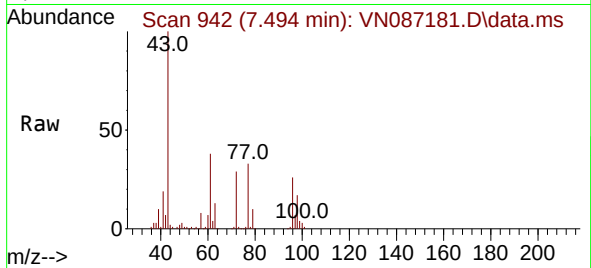




#27
 cis-1,2-Dichloroethene
 Concen: 58.344 ug/l
 RT: 7.494 min Scan# 943
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

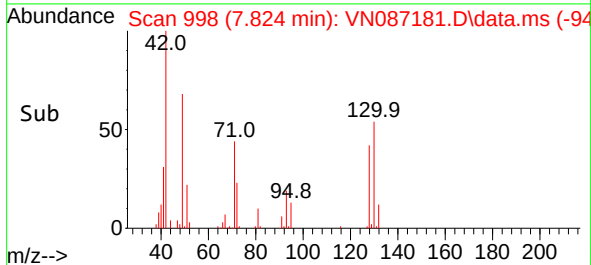
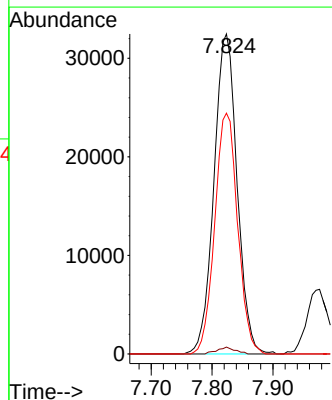
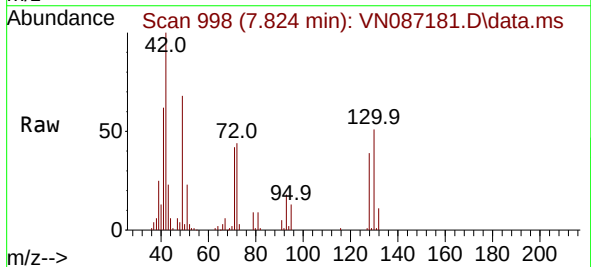
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

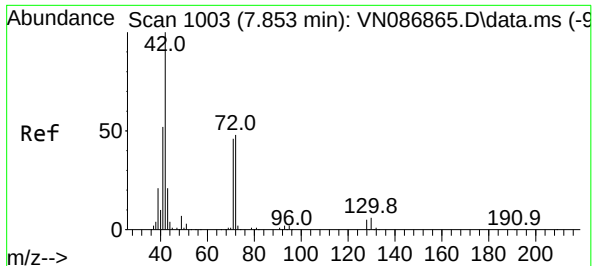
Tgt Ion: 96 Resp: 133173
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 278.0
 98 64.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 50.609 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion: 49 Resp: 85875
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 74.4 62.2 93.2





#29

Tetrahydrofuran

Concen: 286.078 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

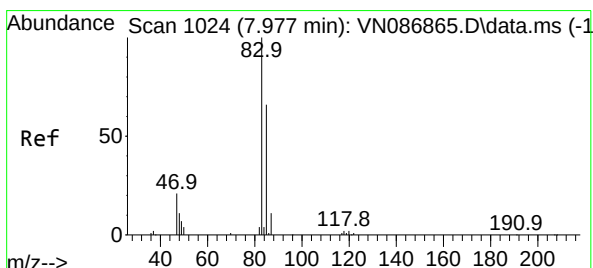
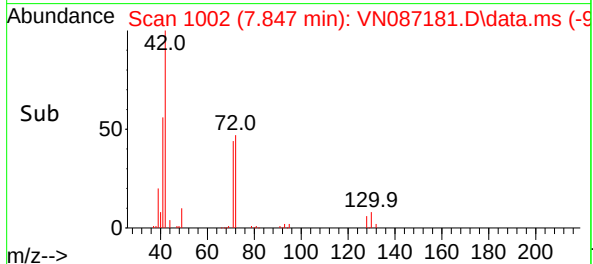
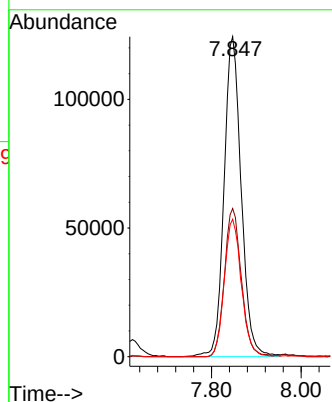
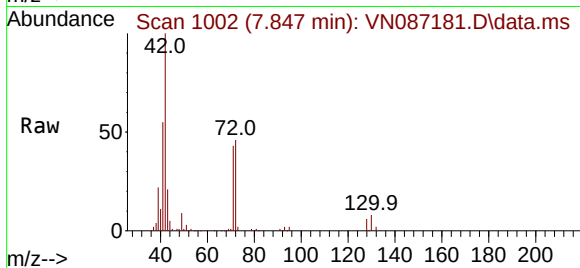
Tgt Ion: 42 Resp: 331490

Ion Ratio Lower Upper

42 100

72 45.6 37.8 56.6

71 42.6 35.6 53.4



#30

Chloroform

Concen: 59.645 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087181.D

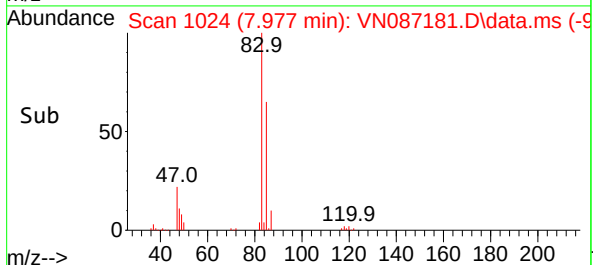
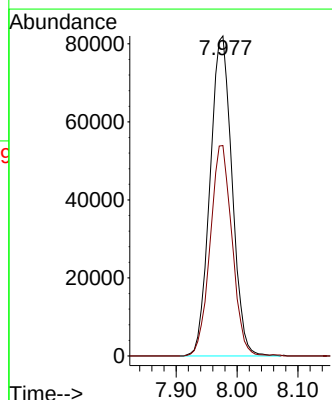
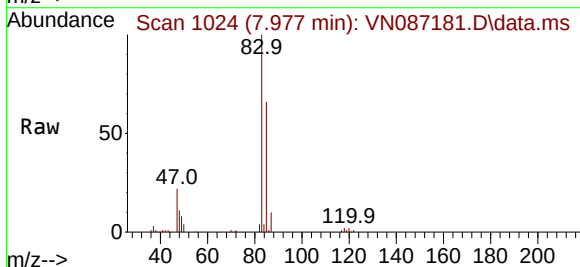
Acq: 26 Jun 2025 09:50

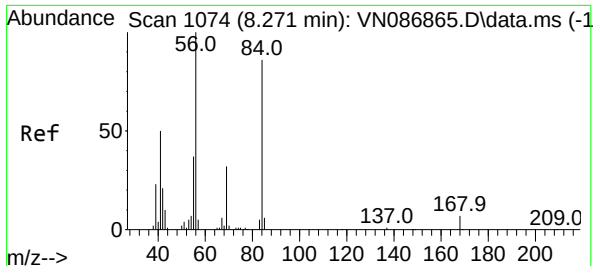
Tgt Ion: 83 Resp: 205566

Ion Ratio Lower Upper

83 100

85 65.7 52.9 79.3

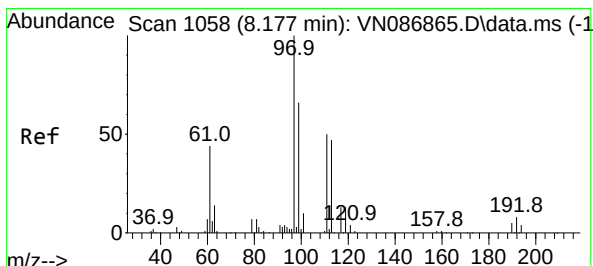
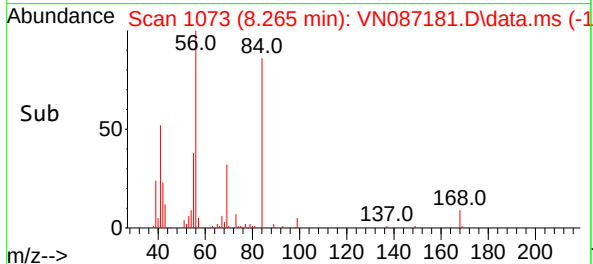
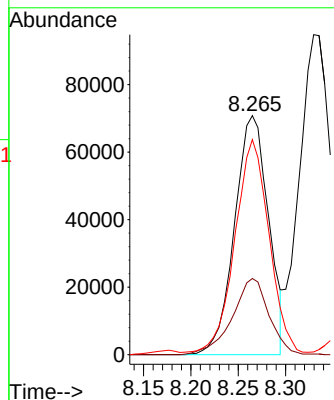
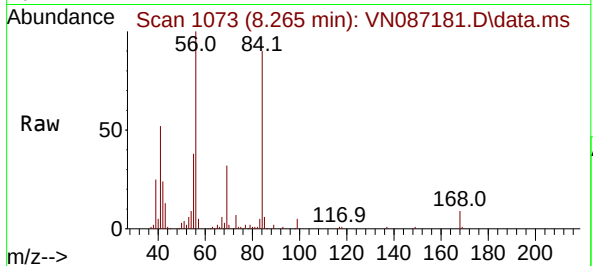




#31
Cyclohexane
Concen: 52.736 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

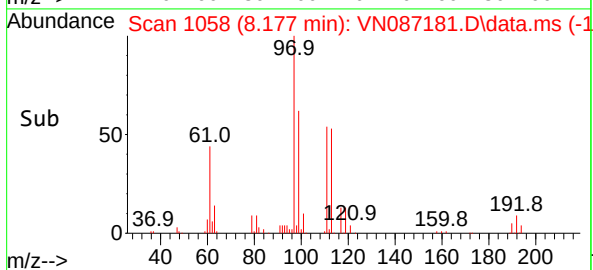
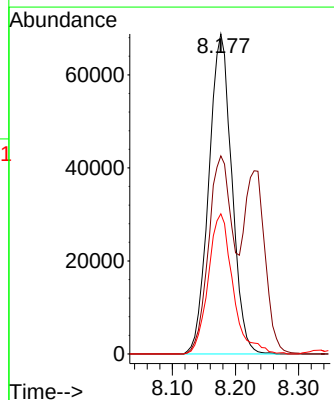
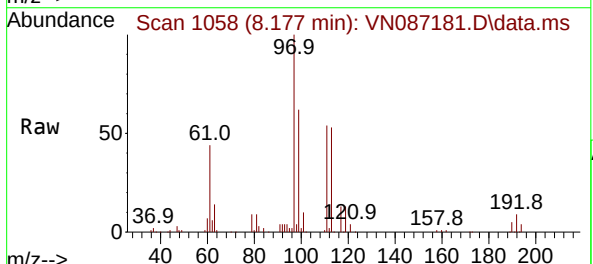
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

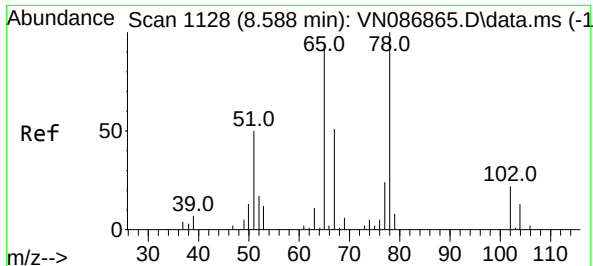
Tgt Ion: 56 Resp: 176500
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.0
84 89.0 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 59.352 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 97 Resp: 173980
Ion Ratio Lower Upper
97 100
99 66.2 52.0 78.0
61 46.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 52.611 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

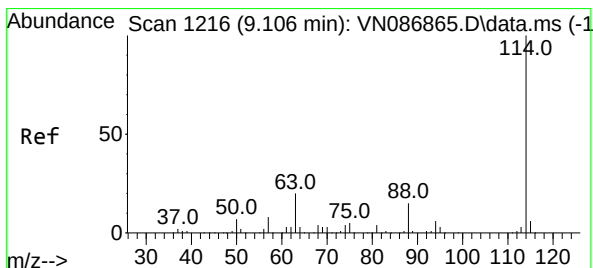
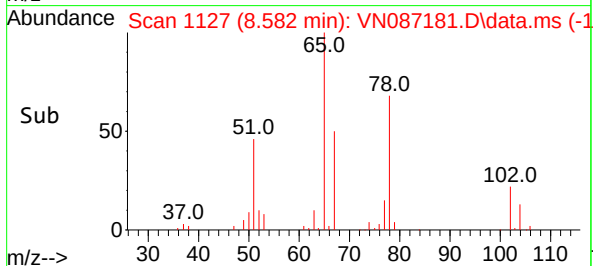
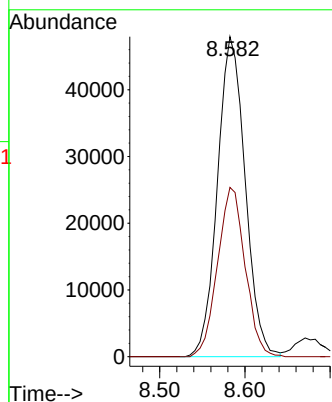
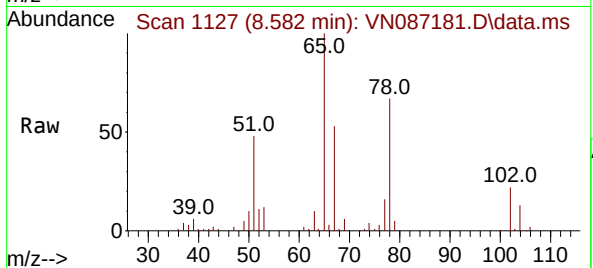
VSTDCCC050

Tgt Ion: 65 Resp: 108564

Ion Ratio Lower Upper

65 100

67 52.6 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: VN087181.D

Acq: 26 Jun 2025 09:50

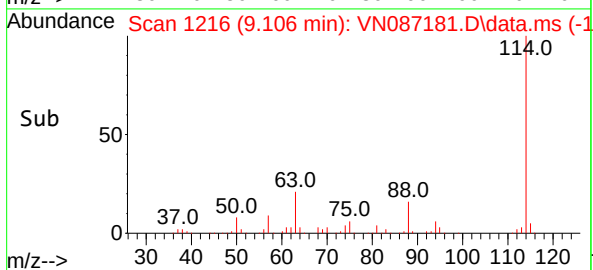
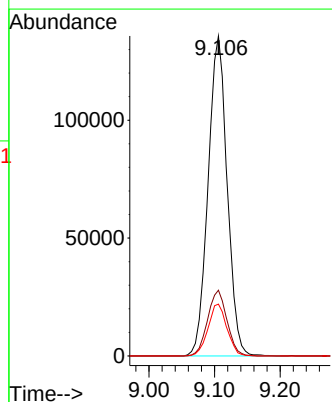
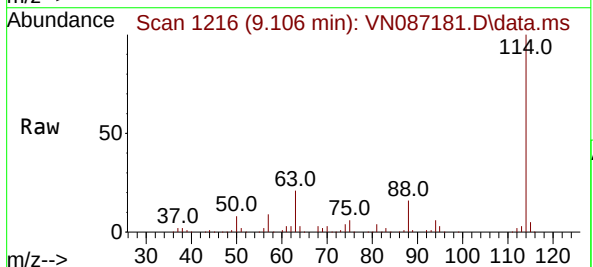
Tgt Ion: 114 Resp: 273928

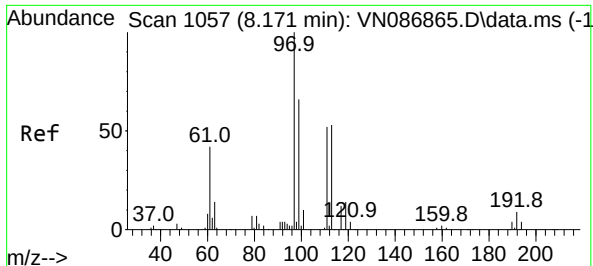
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 16.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.555 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

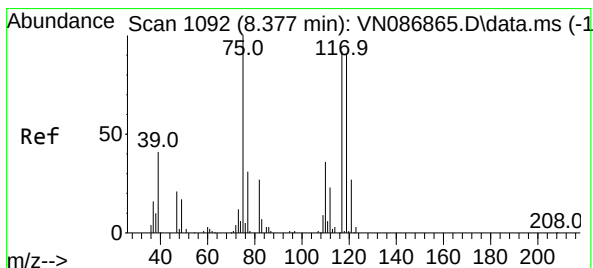
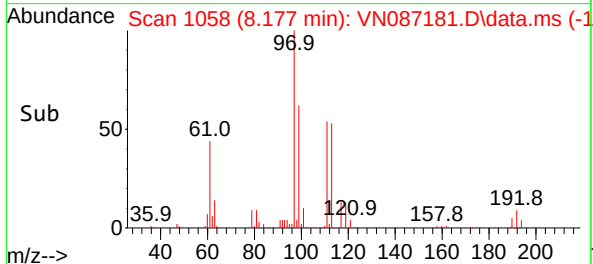
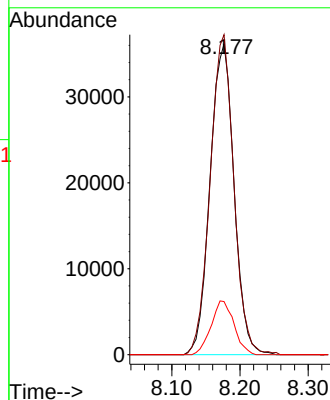
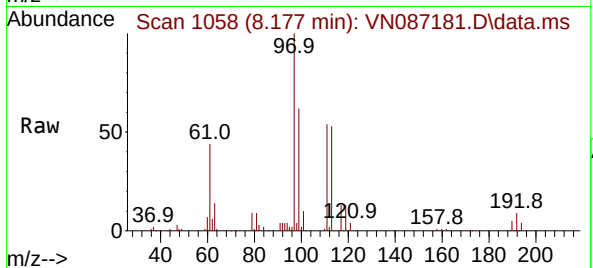
Tgt Ion:113 Resp: 88562

Ion Ratio Lower Upper

113 100

111 101.5 84.2 126.2

192 16.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 61.603 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

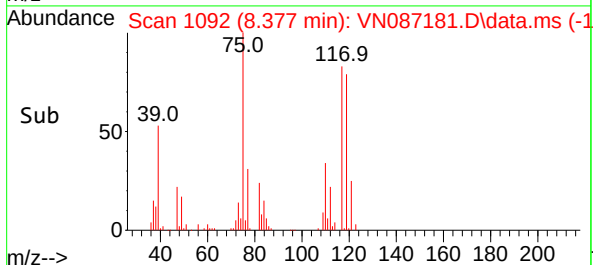
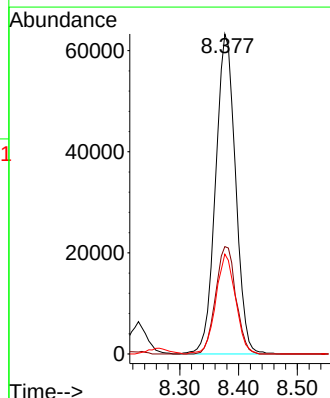
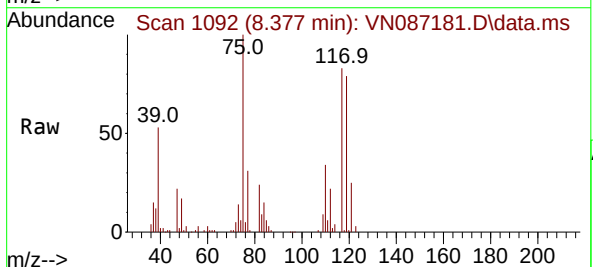
Tgt Ion: 75 Resp: 149017

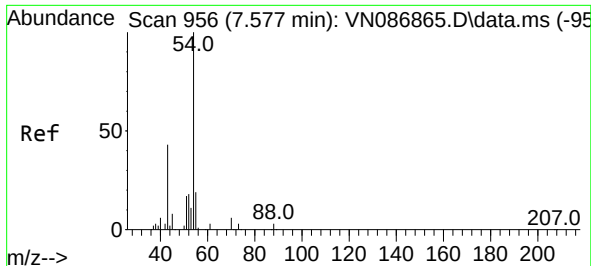
Ion Ratio Lower Upper

75 100

110 34.1 17.6 52.9

77 30.9 25.3 37.9

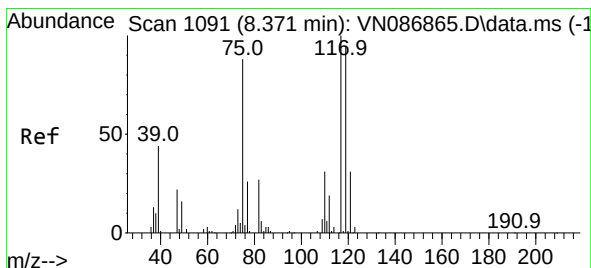
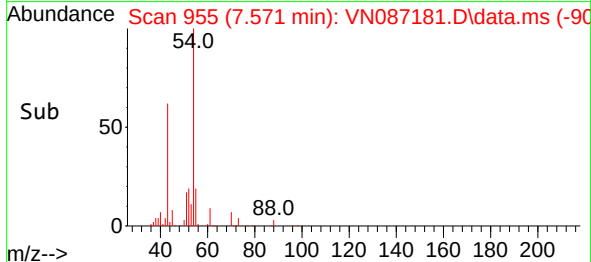
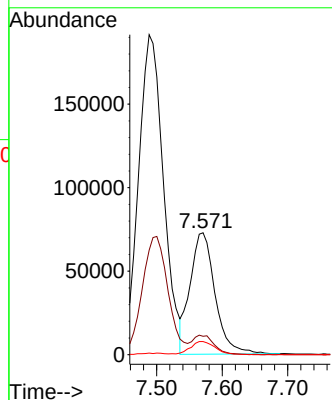
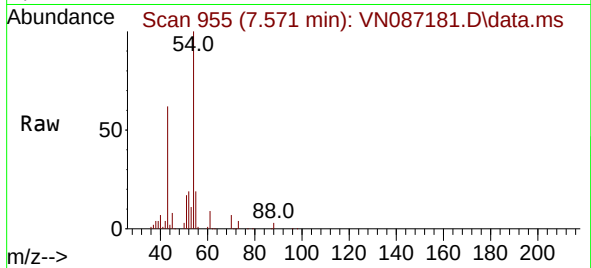




#37
Ethyl Acetate
Concen: 62.602 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

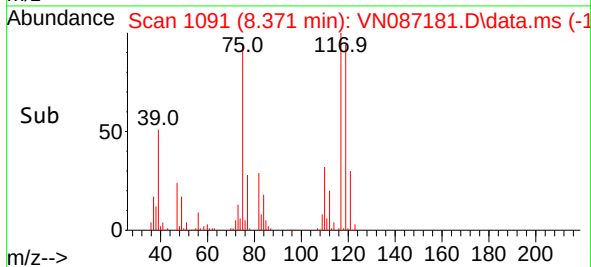
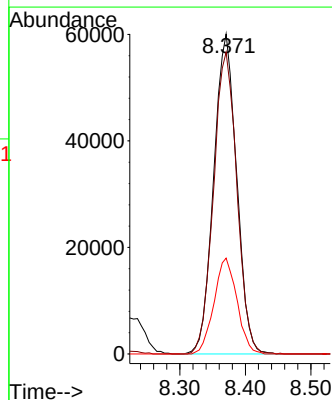
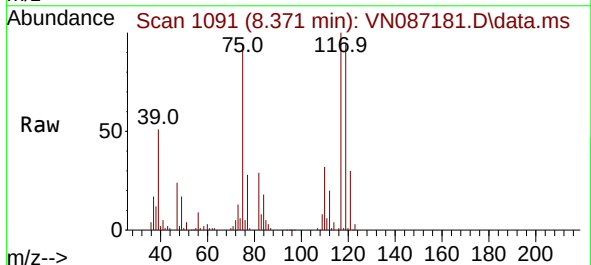
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

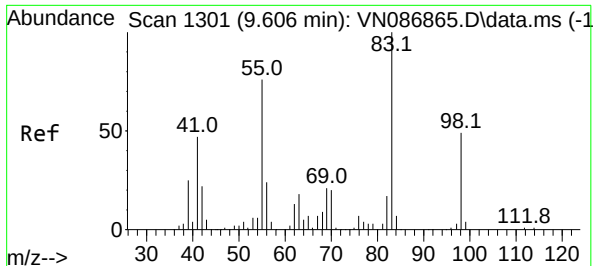
Tgt Ion: 43 Resp: 192772
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 10.9 9.8 14.6



#38
Carbon Tetrachloride
Concen: 61.364 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 117 Resp: 145730
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.6
121 30.0 24.9 37.3





#39

Methylcyclohexane

Concen: 51.073 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

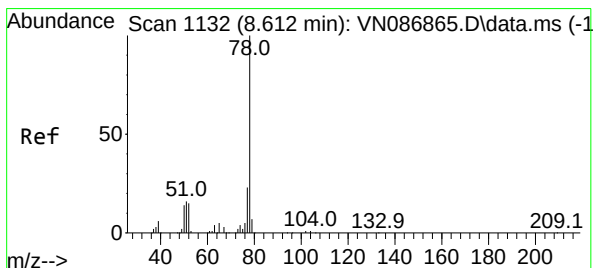
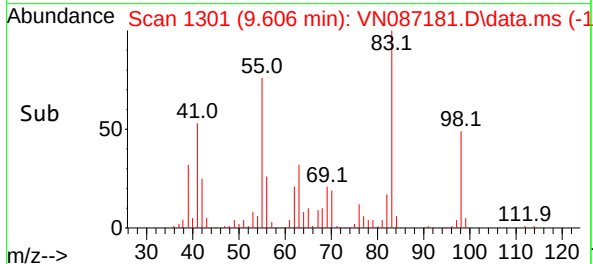
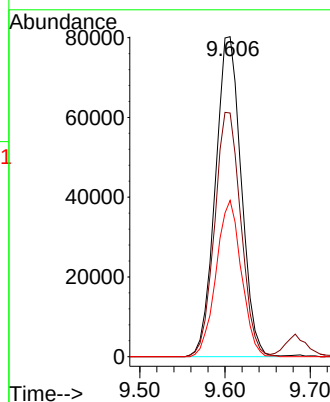
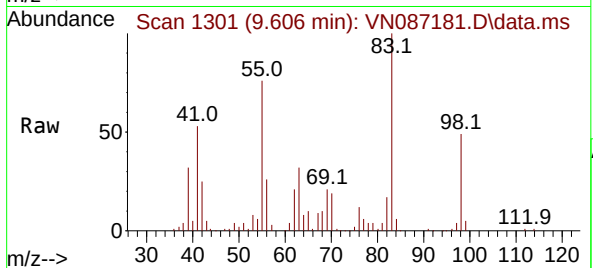
Tgt Ion: 83 Resp: 169260

Ion Ratio Lower Upper

83 100

55 76.2 61.0 91.6

98 48.9 38.9 58.3



#40

Benzene

Concen: 59.735 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087181.D

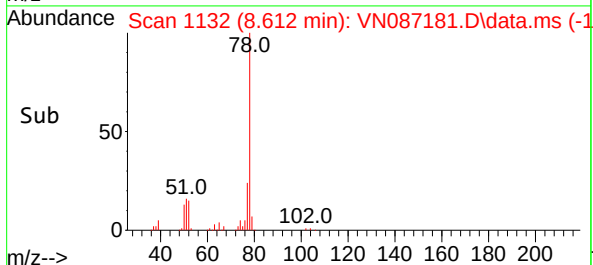
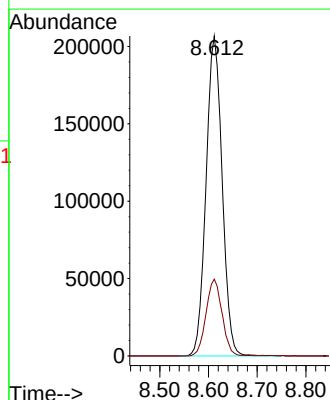
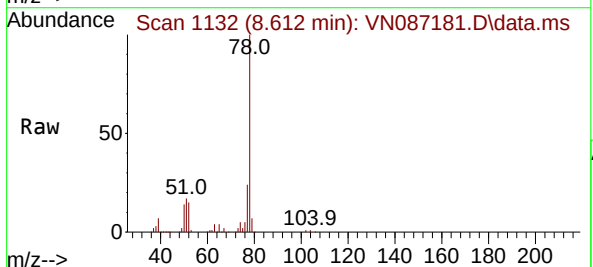
Acq: 26 Jun 2025 09:50

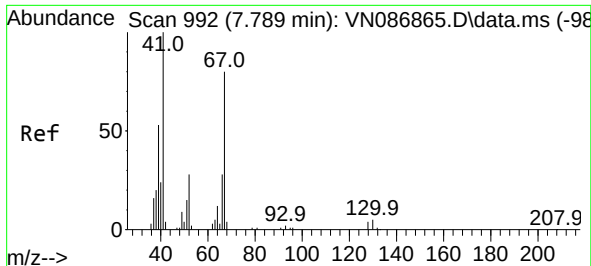
Tgt Ion: 78 Resp: 472508

Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1



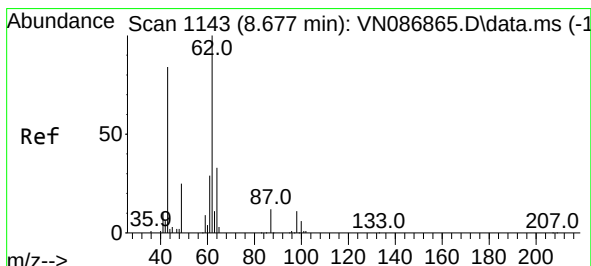
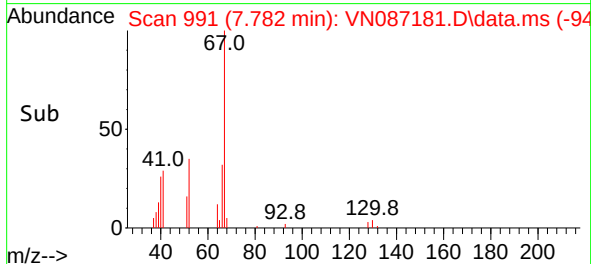
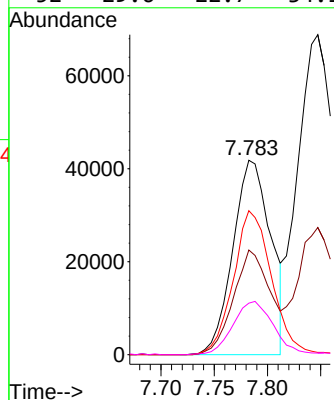
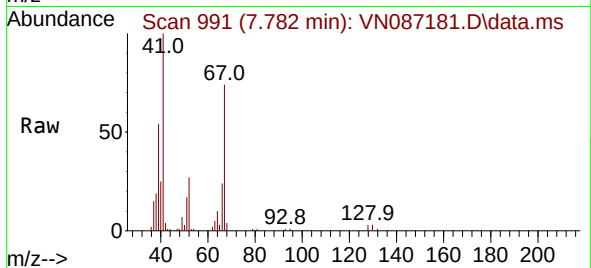


#41
Methacrylonitrile
Concen: 59.959 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 103693

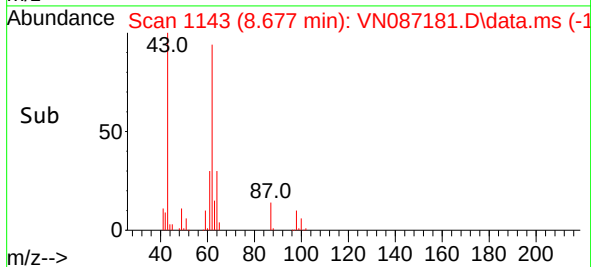
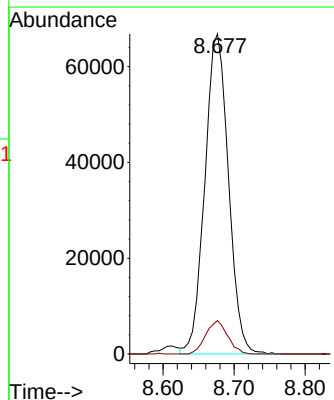
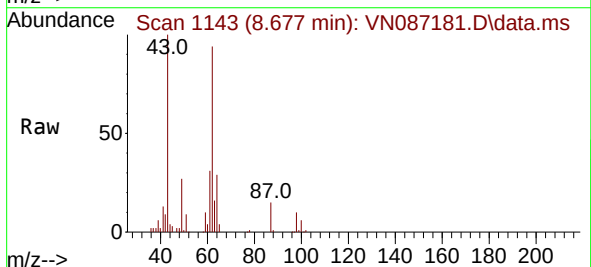
Ion	Ratio	Lower	Upper
41	100		
39	52.0	41.2	61.8
67	75.0	61.4	92.2
52	29.6	22.7	34.1

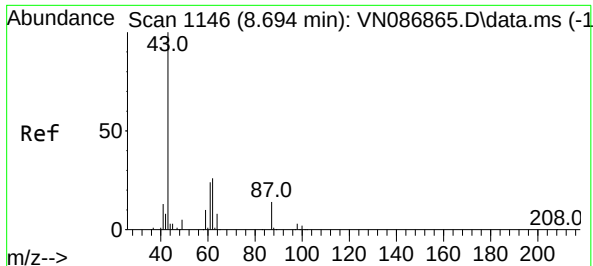


#42
1,2-Dichloroethane
Concen: 64.471 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 62 Resp: 154680

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	21.2

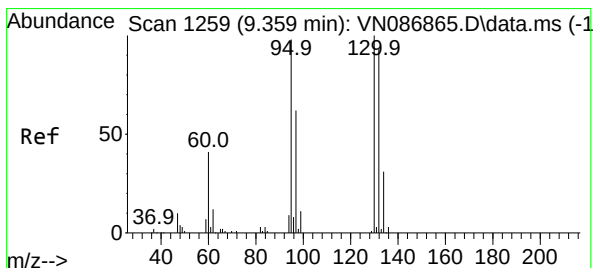
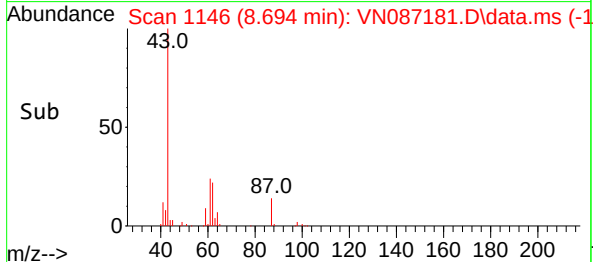
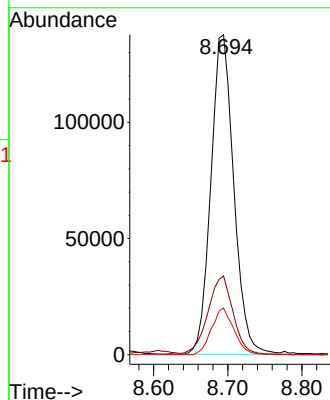
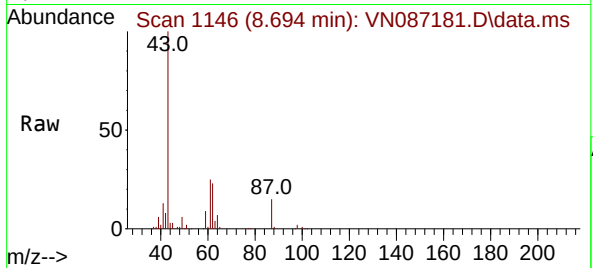




#43
Isopropyl Acetate
Concen: 59.780 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

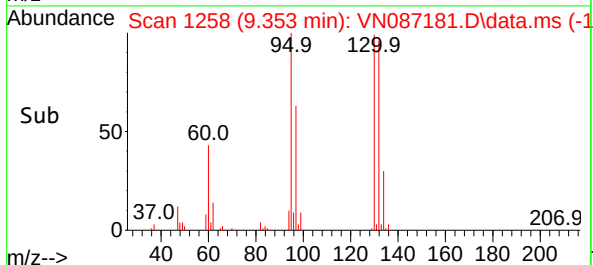
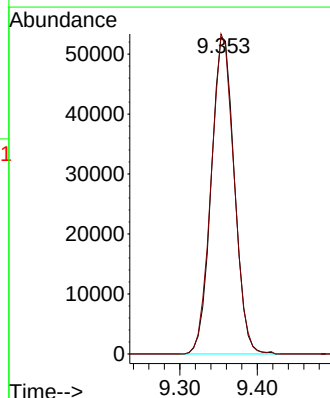
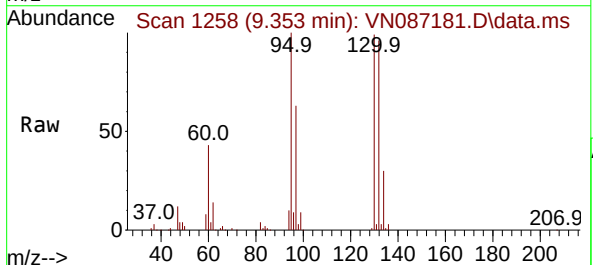
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

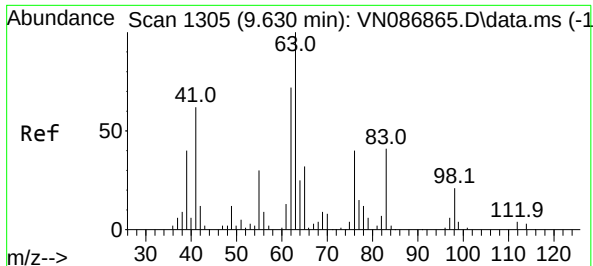
Tgt Ion: 43 Resp: 295454
Ion Ratio Lower Upper
43 100
61 27.3 22.1 33.1
87 14.2 11.8 17.6



#44
Trichloroethene
Concen: 58.413 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion:130 Resp: 109561
Ion Ratio Lower Upper
130 100
95 101.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 62.285 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

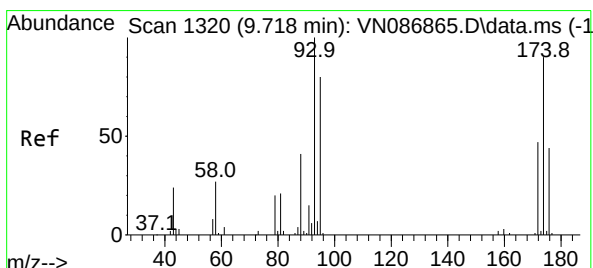
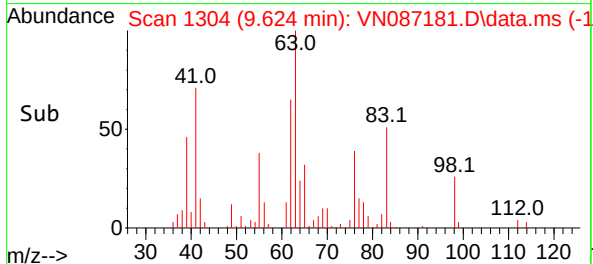
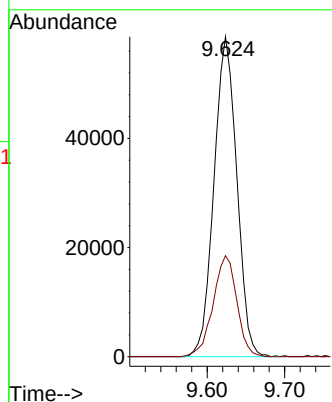
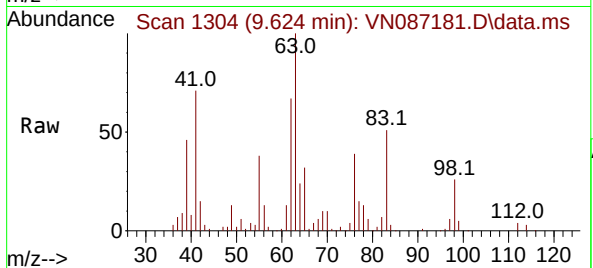
VSTDCCC050

Tgt Ion: 63 Resp: 119863

Ion Ratio Lower Upper

63 100

65 31.6 25.5 38.3



#46

Dibromomethane

Concen: 61.938 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

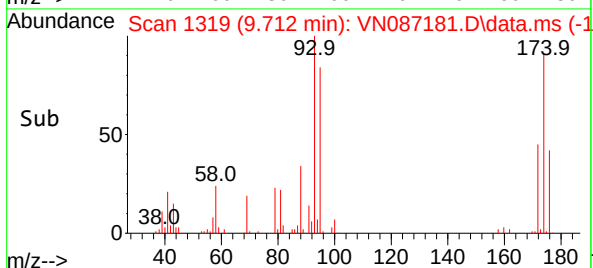
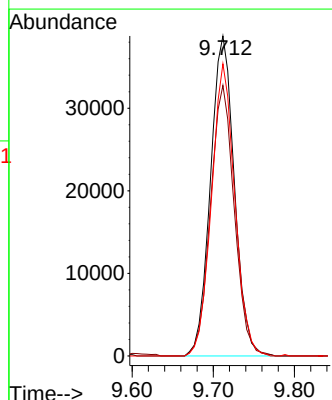
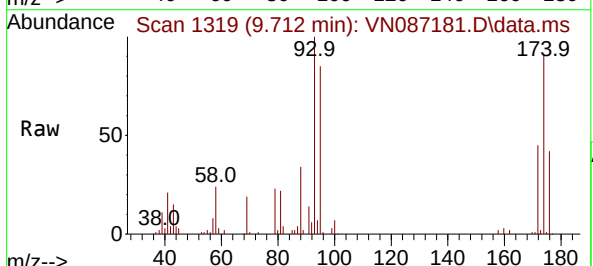
Tgt Ion: 93 Resp: 79171

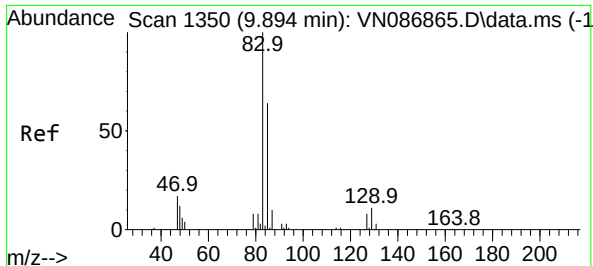
Ion Ratio Lower Upper

93 100

95 84.5 67.1 100.7

174 89.1 74.2 111.4

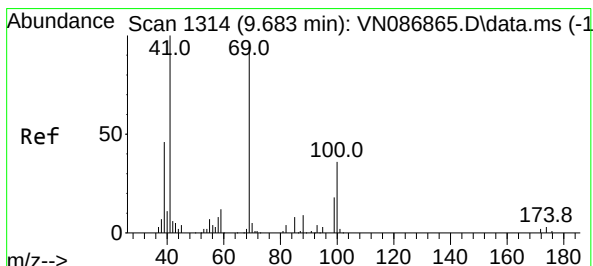
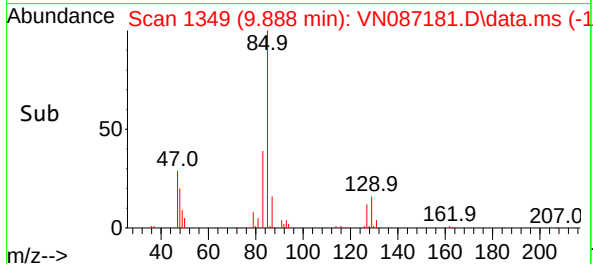
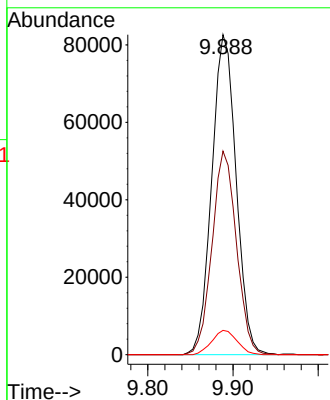
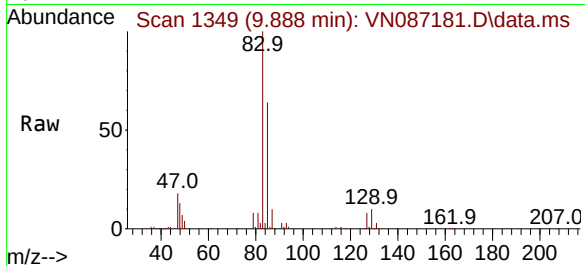




#47
Bromodichloromethane
Concen: 62.427 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

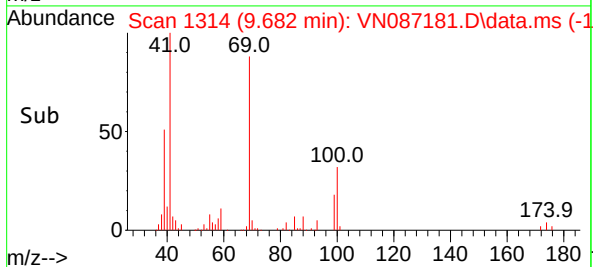
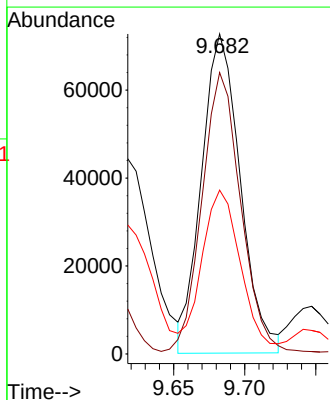
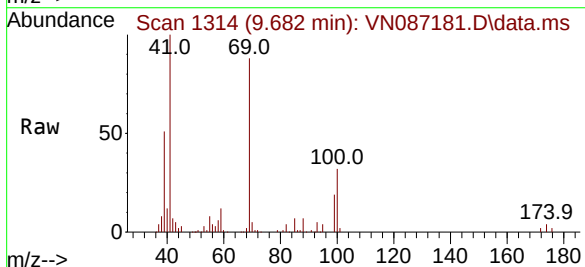
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

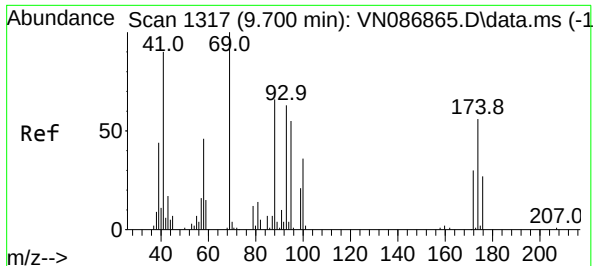
Tgt Ion: 83 Resp: 164179
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 7.6 6.6 10.0



#48
Methyl methacrylate
Concen: 60.705 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 41 Resp: 138091
Ion Ratio Lower Upper
41 100
69 88.5 74.6 112.0
39 51.9 40.2 60.4





#49

1,4-Dioxane

Concen: 948.610 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

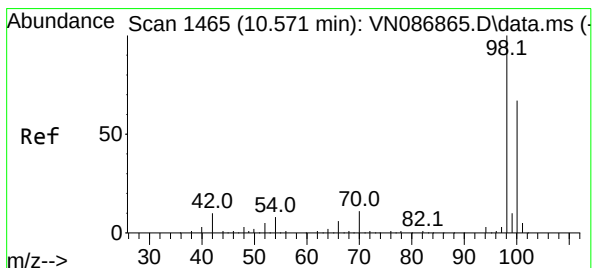
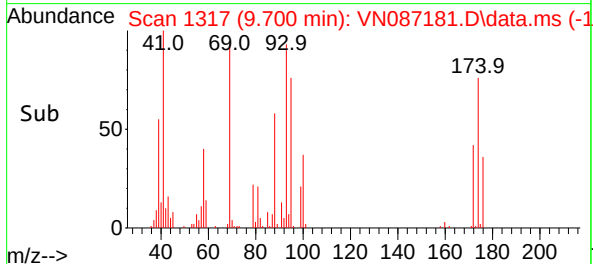
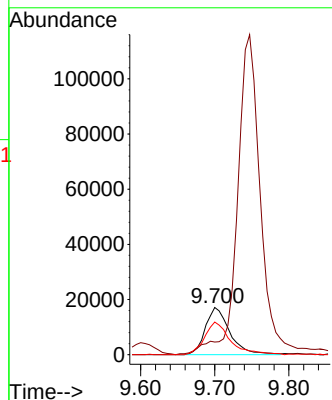
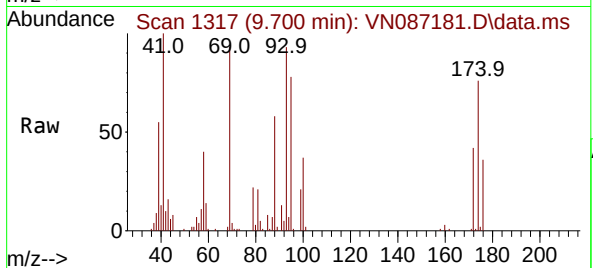
Tgt Ion: 88 Resp: 39257

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.2 57.7 86.5



#50

Toluene-d8

Concen: 49.702 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087181.D

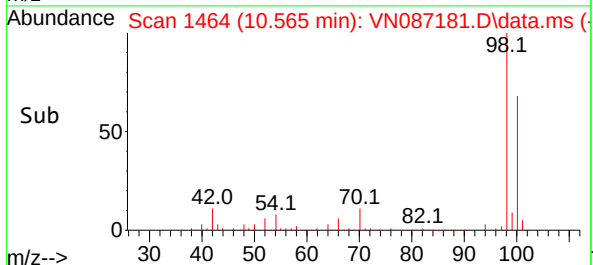
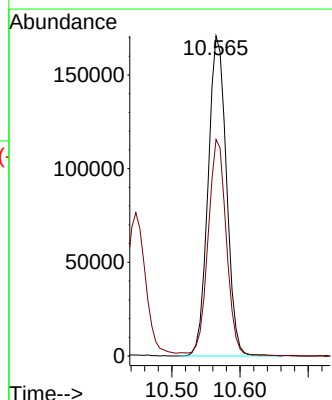
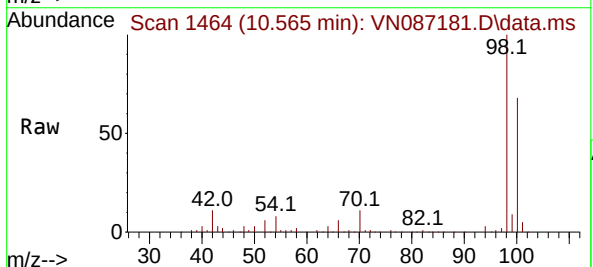
Acq: 26 Jun 2025 09:50

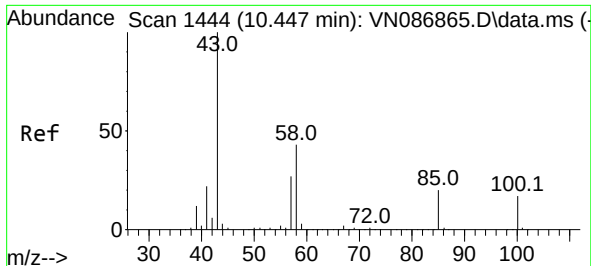
Tgt Ion: 98 Resp: 319406

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.0

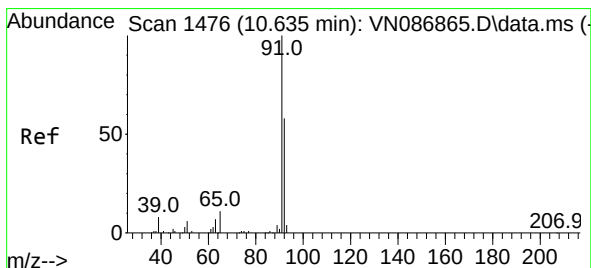
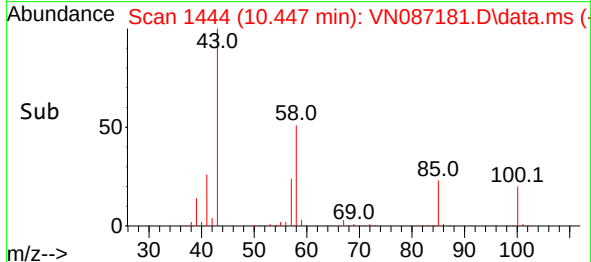
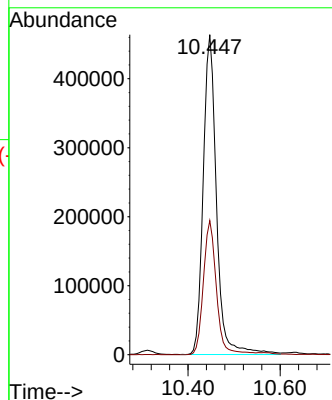
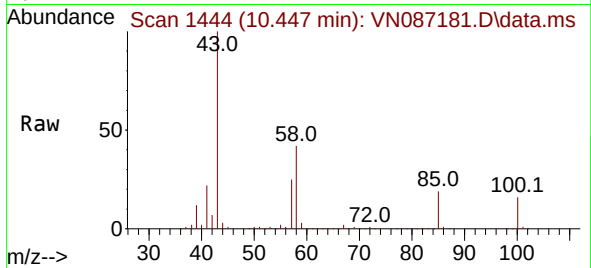




#51
4-Methyl-2-Pentanone
Concen: 313.887 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

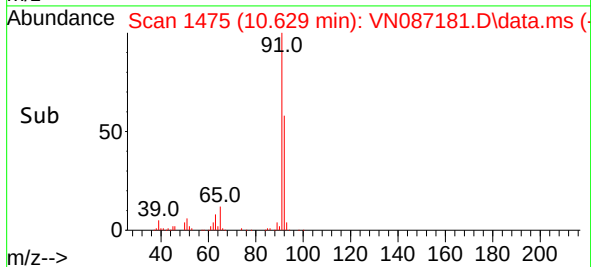
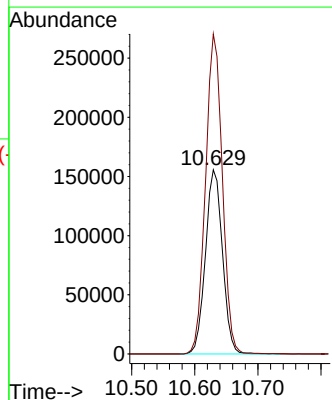
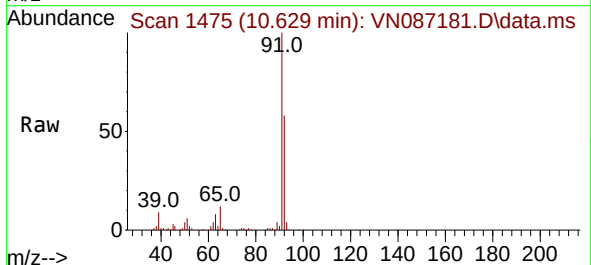
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

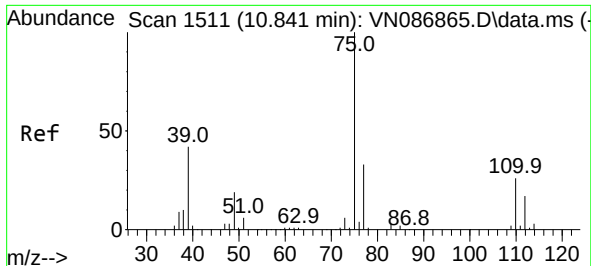
Tgt Ion: 43 Resp: 933927
Ion Ratio Lower Upper
43 100
58 41.1 34.2 51.4



#52
Toluene
Concen: 60.139 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 92 Resp: 290716
Ion Ratio Lower Upper
92 100
91 171.6 136.5 204.7

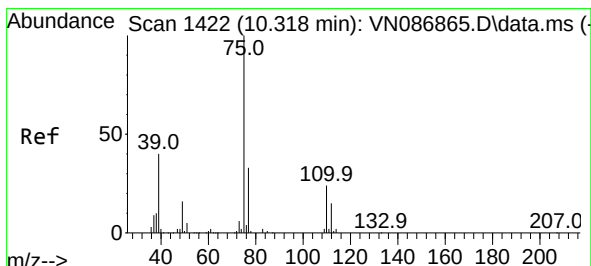
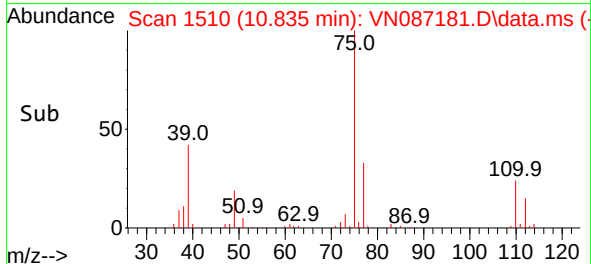
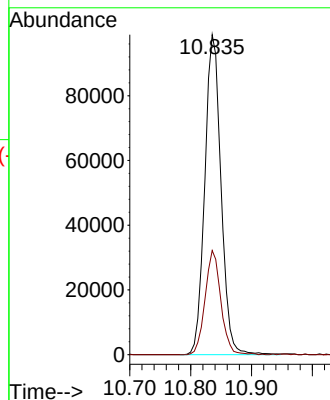
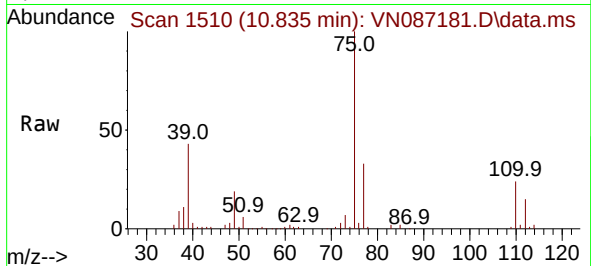




#53
 t-1,3-Dichloropropene
 Concen: 62.249 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

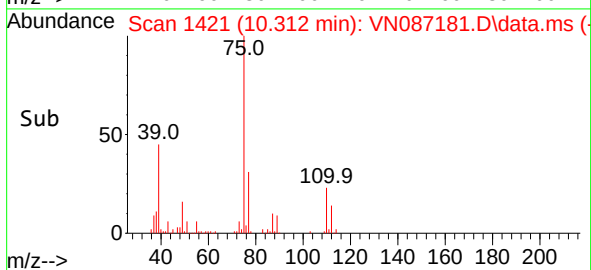
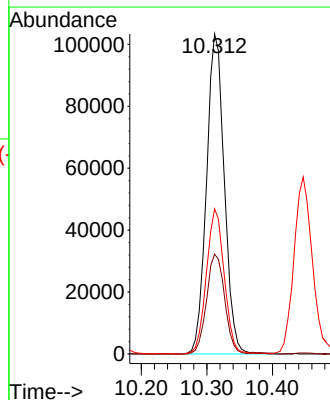
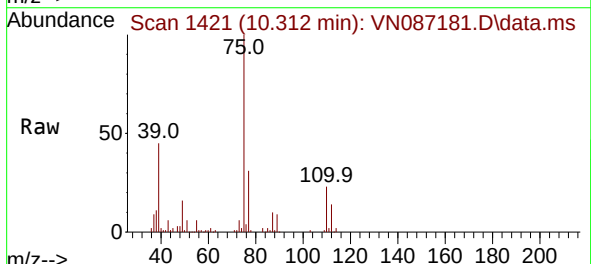
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

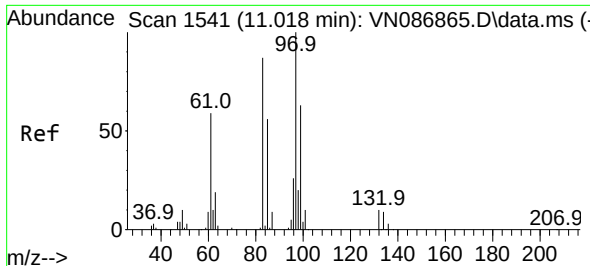
Tgt Ion: 75 Resp: 183061
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 62.168 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion: 75 Resp: 195614
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.4
 39 45.3 32.3 48.5

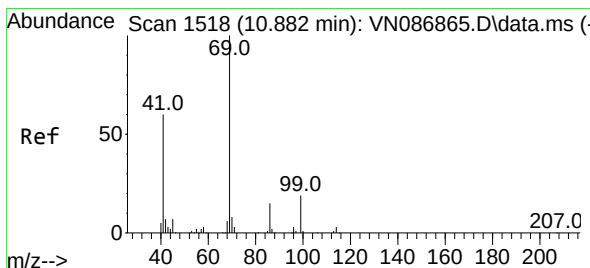
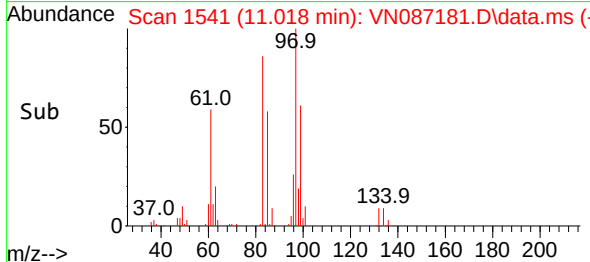
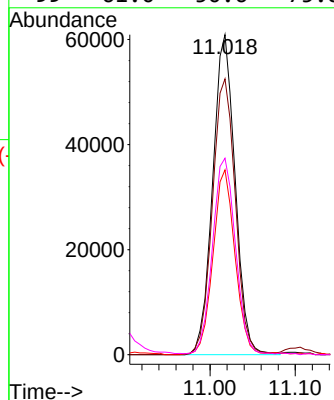
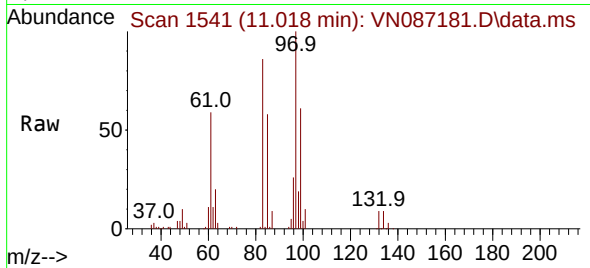




#55
 1,1,2-Trichloroethane
 Concen: 59.923 ug/l
 RT: 11.018 min Scan# 111460
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

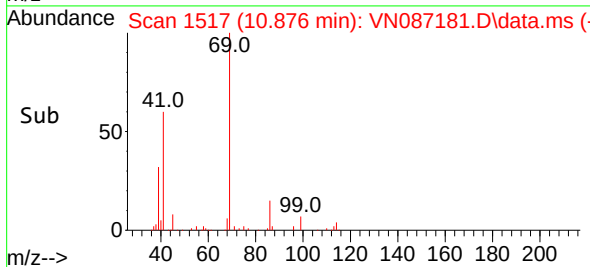
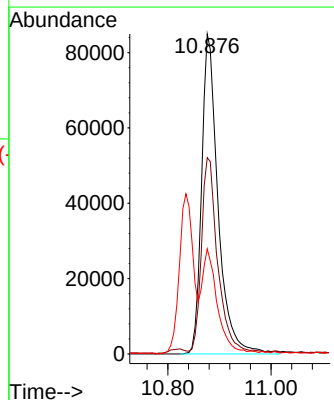
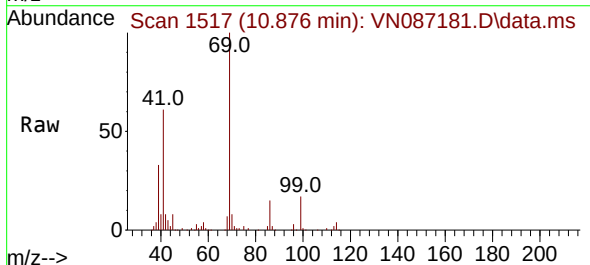
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

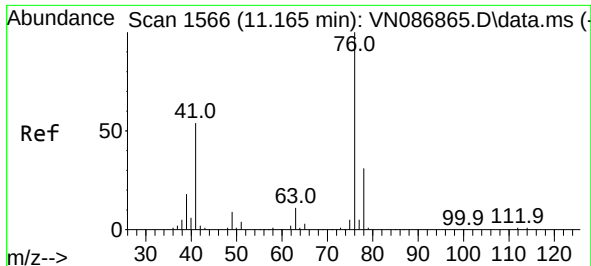
Tgt Ion:	97	Resp:	111460
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.7	104.5
85	57.8	45.1	67.7
99	61.0	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 63.335 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion:	69	Resp:	187639
Ion	Ratio	Lower	Upper
69	100		
41	60.4	47.2	70.8
39	30.0	23.0	34.6

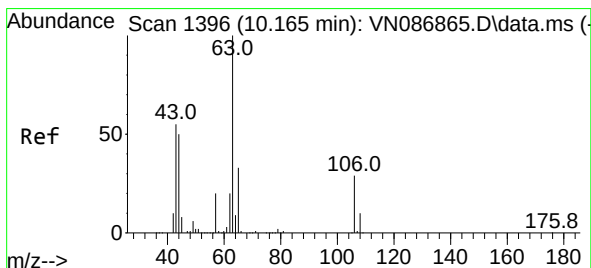
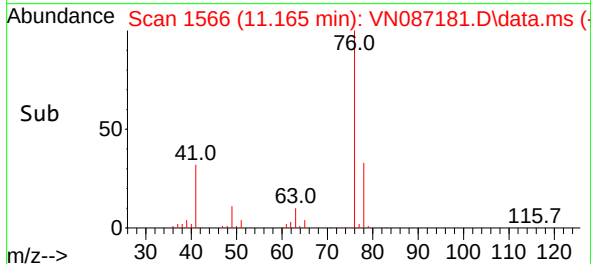
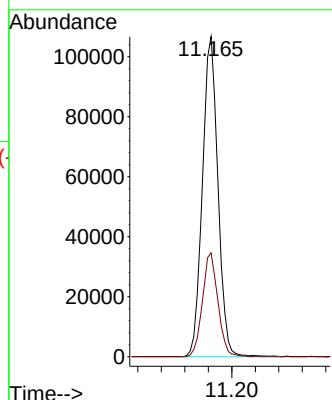
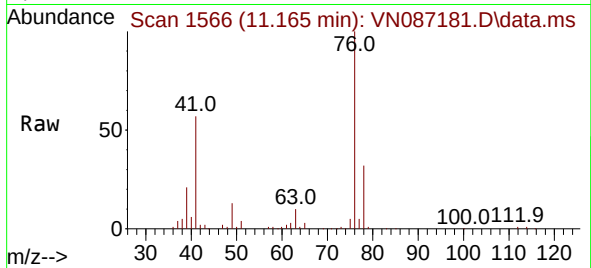




#57
1,3-Dichloropropane
Concen: 60.705 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

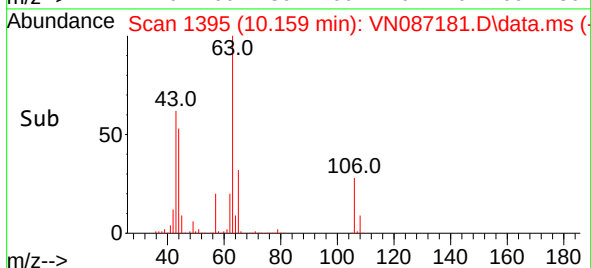
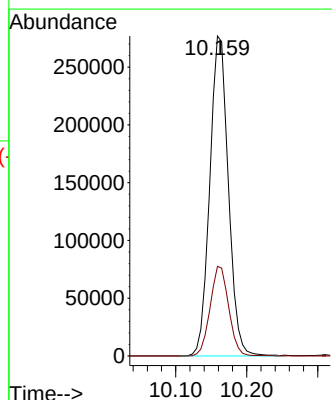
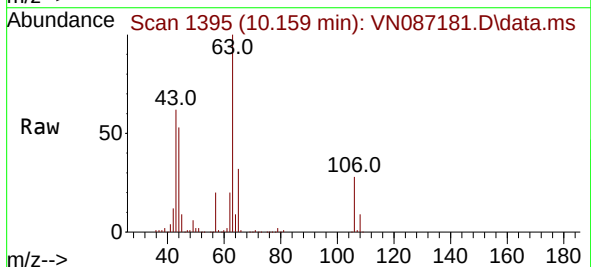
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

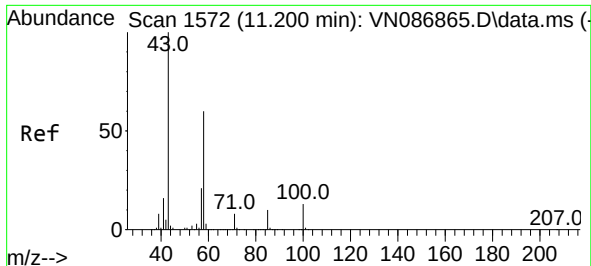
Tgt Ion: 76 Resp: 195875
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 284.796 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 63 Resp: 503254
Ion Ratio Lower Upper
63 100
106 28.0 23.0 34.6

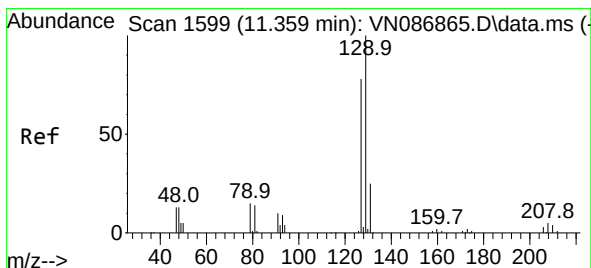
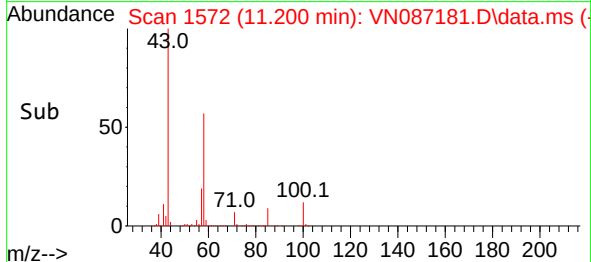
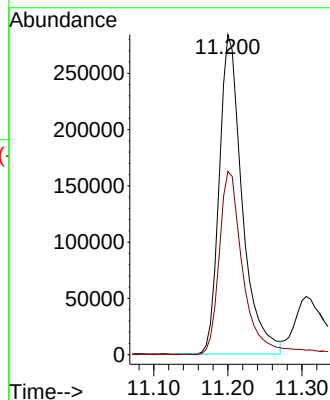
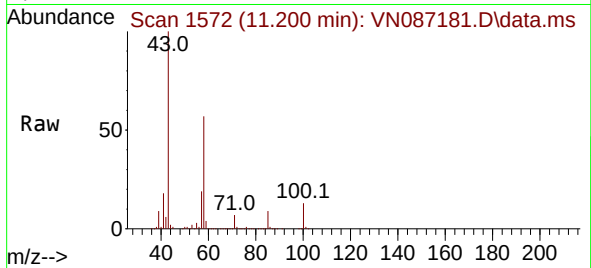




#59
2-Hexanone
Concen: 319.329 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

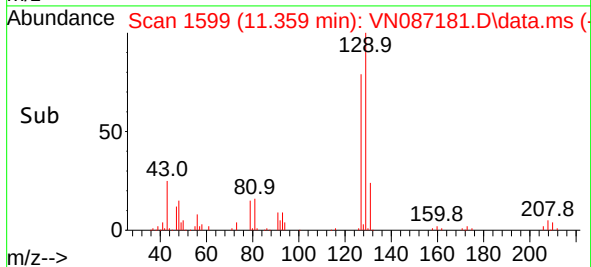
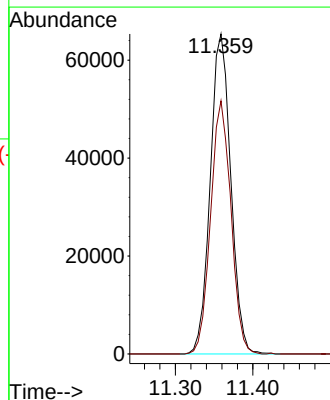
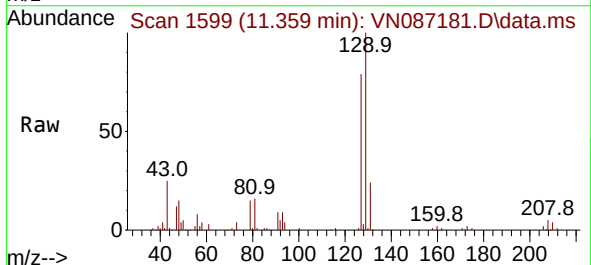
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

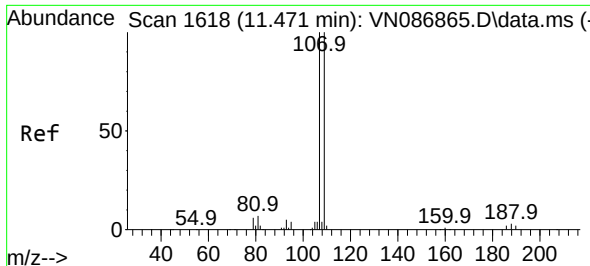
Tgt Ion: 43 Resp: 612004
Ion Ratio Lower Upper
43 100
58 60.9 30.4 91.3



#60
Dibromochloromethane
Concen: 62.211 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 129 Resp: 120564
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

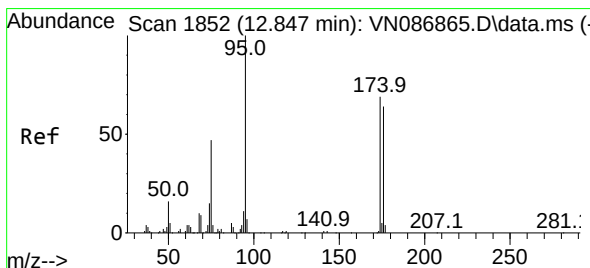
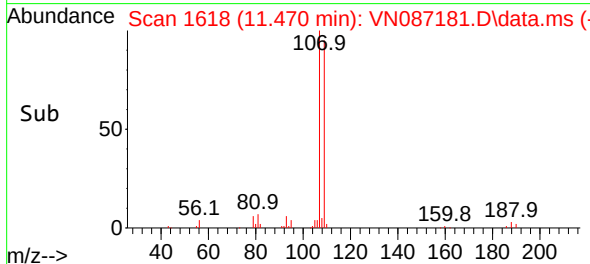
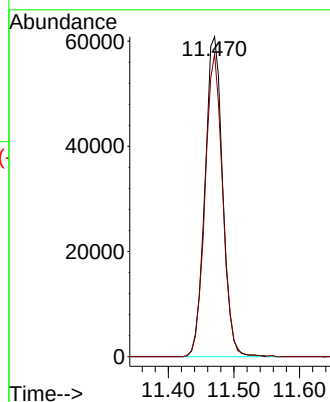
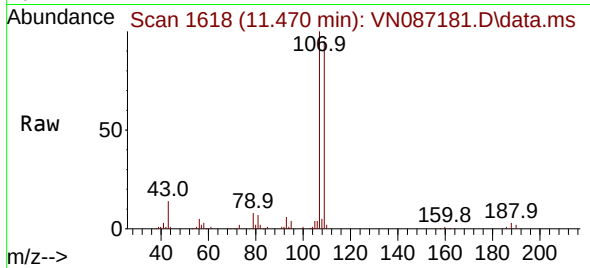




#61
1,2-Dibromoethane
Concen: 59.866 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

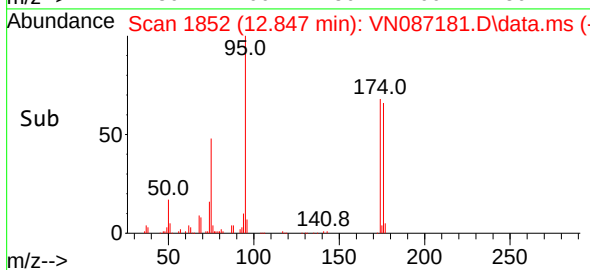
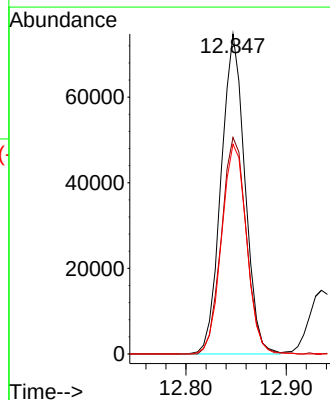
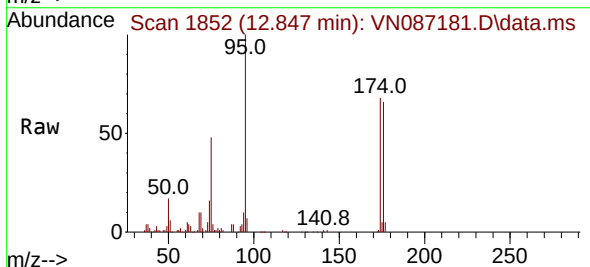
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

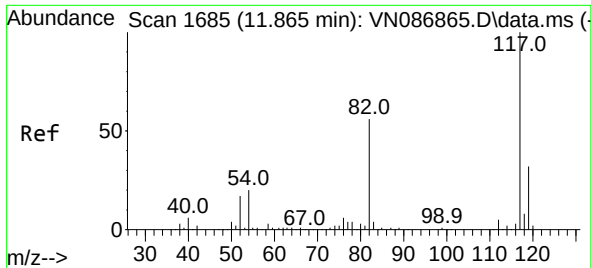
Tgt Ion:107 Resp: 114137
Ion Ratio Lower Upper
107 100
109 93.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.425 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 95 Resp: 122784
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.8
176 68.8 0.0 132.6

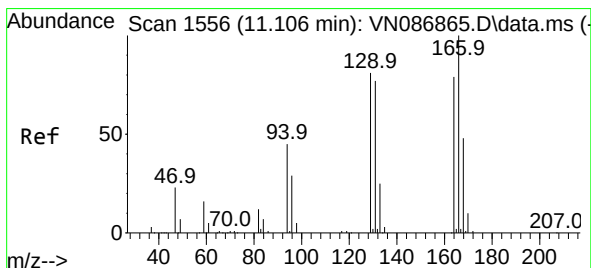
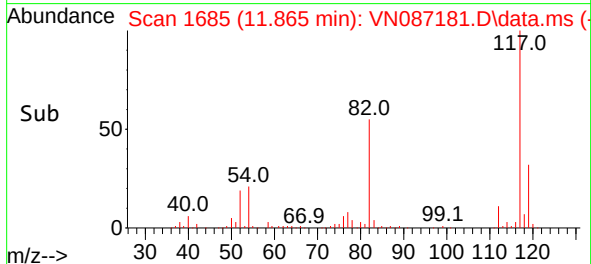
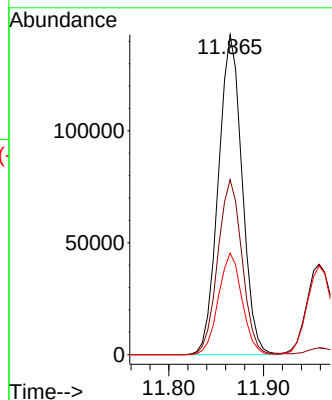
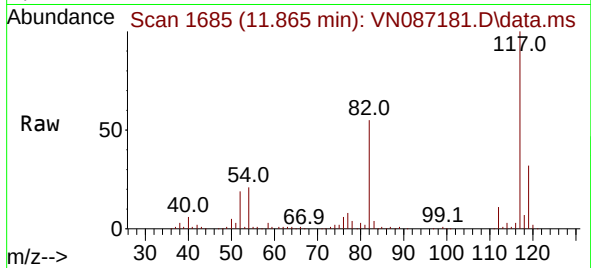




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

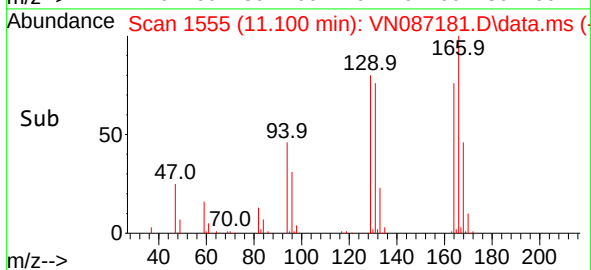
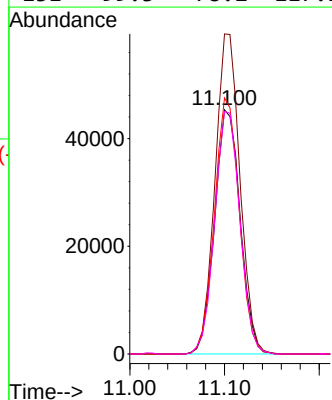
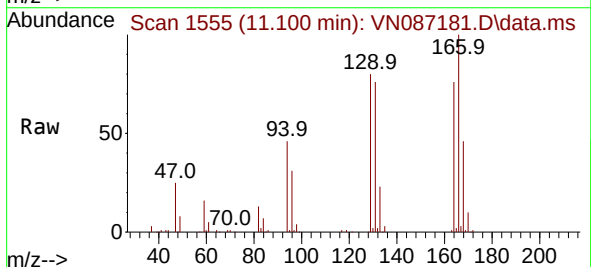
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

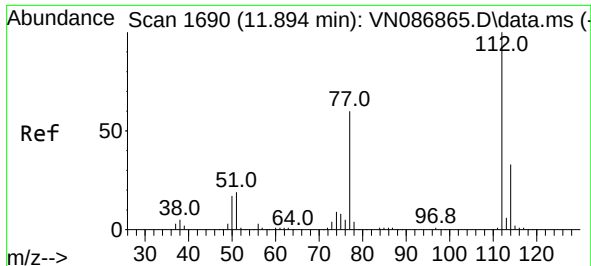
Tgt Ion:117 Resp: 249308
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 53.872 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion:164 Resp: 84998
Ion Ratio Lower Upper
164 100
166 131.0 101.8 152.8
129 104.9 83.0 124.4
131 99.3 78.2 117.2

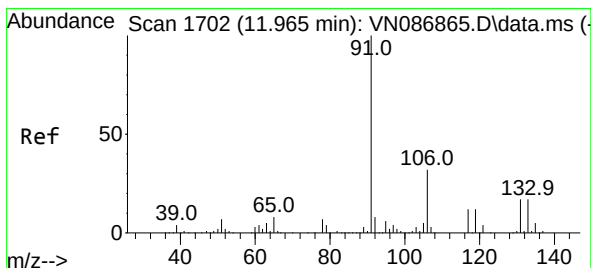
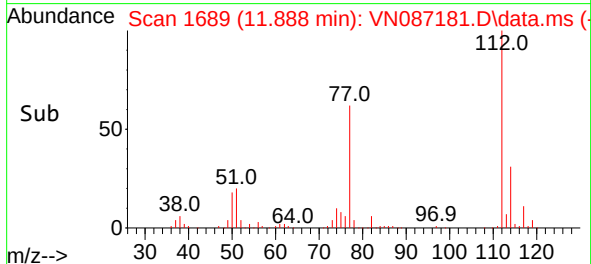
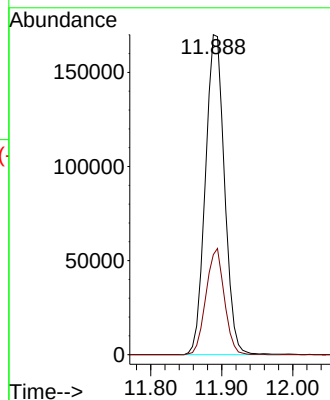
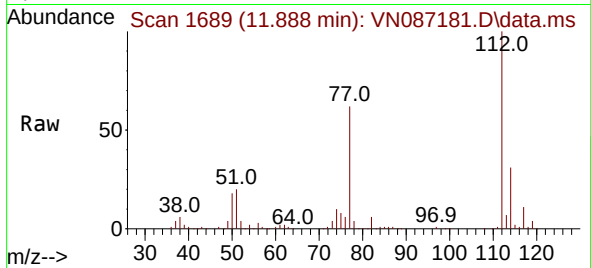




#65
Chlorobenzene
Concen: 57.845 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

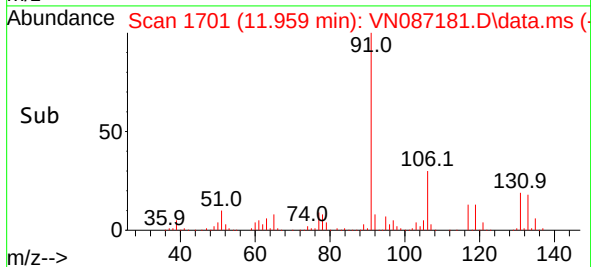
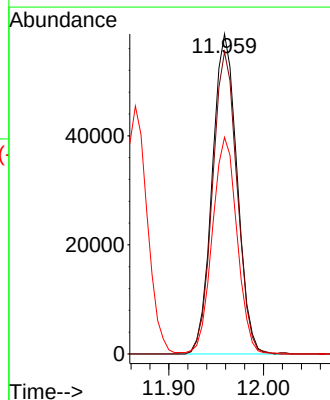
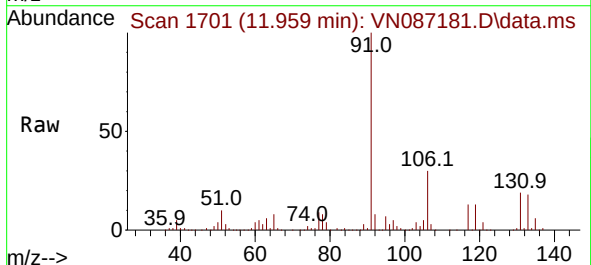
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

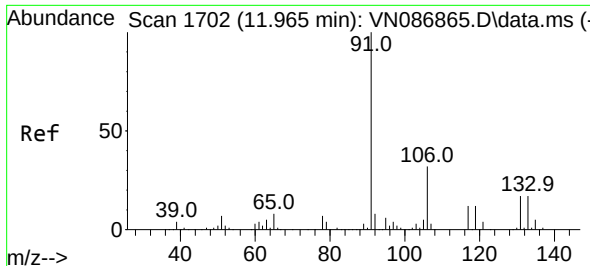
Tgt Ion:112 Resp: 318064
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 60.366 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion:131 Resp: 106697
Ion Ratio Lower Upper
131 100
133 93.7 48.3 144.8
119 67.6 34.0 101.8





#67

Ethyl Benzene

Concen: 58.350 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

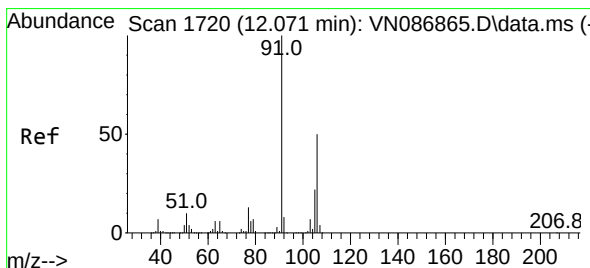
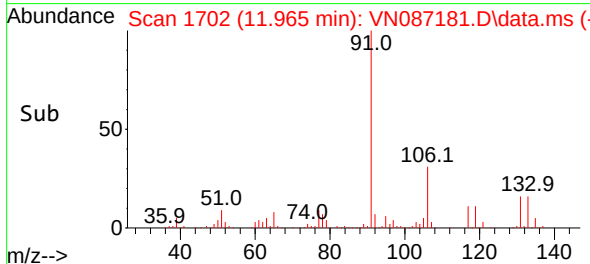
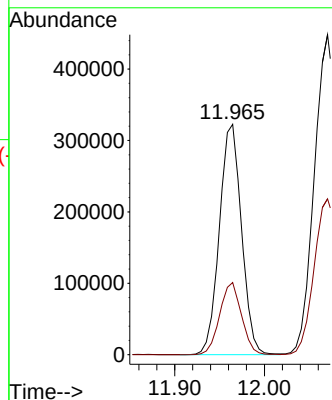
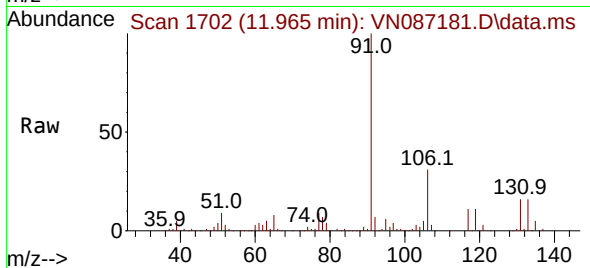
VSTDCCC050

Tgt Ion: 91 Resp: 552649

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.2



#68

m/p-Xylenes

Concen: 116.750 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN087181.D

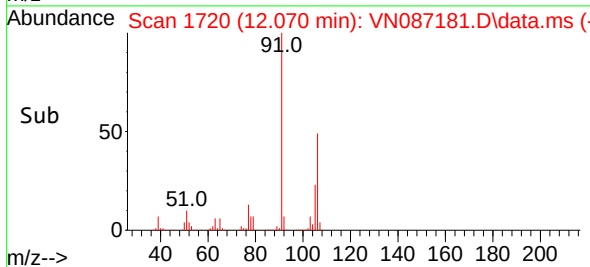
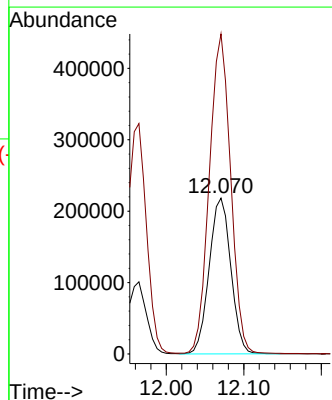
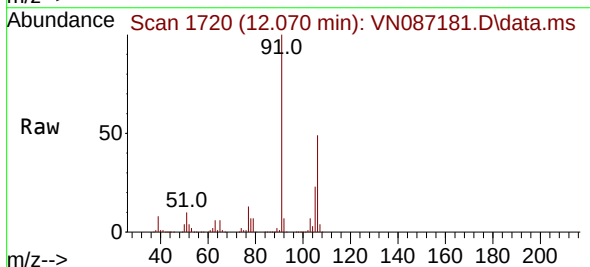
Acq: 26 Jun 2025 09:50

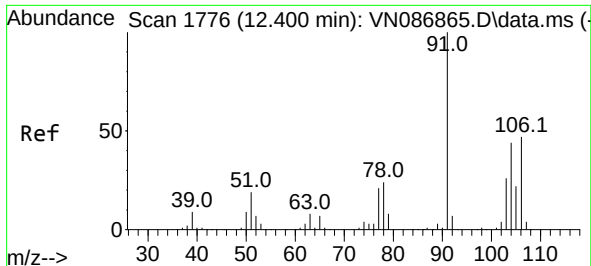
Tgt Ion:106 Resp: 423286

Ion Ratio Lower Upper

106 100

91 202.2 159.4 239.0

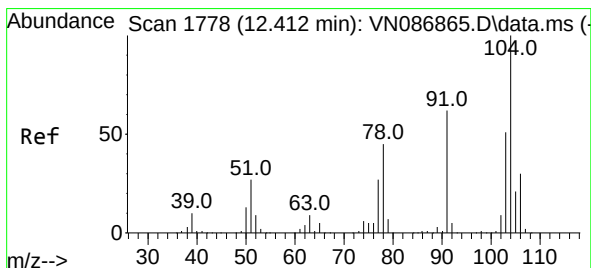
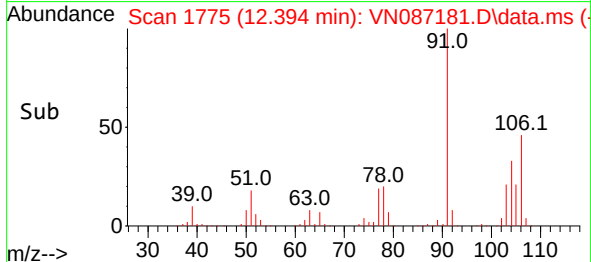
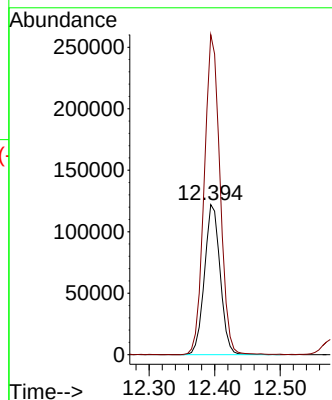
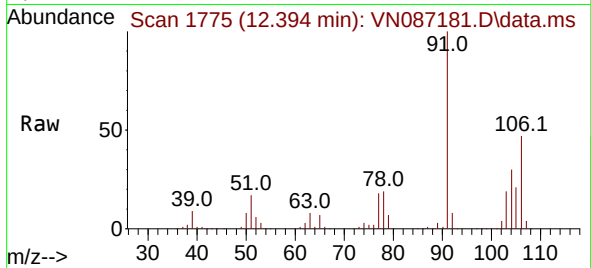




#69
o-Xylene
Concen: 58.616 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

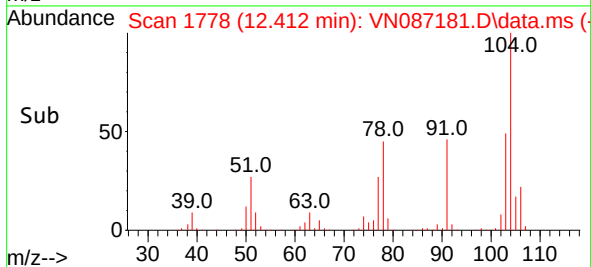
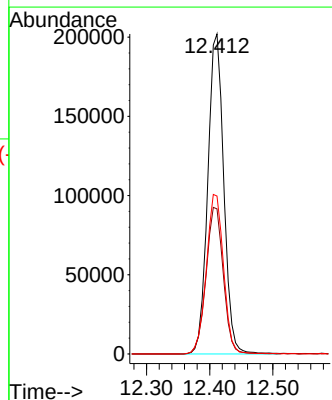
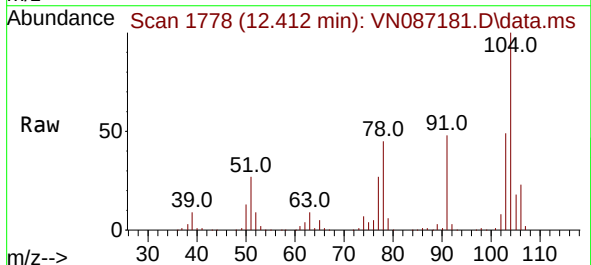
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

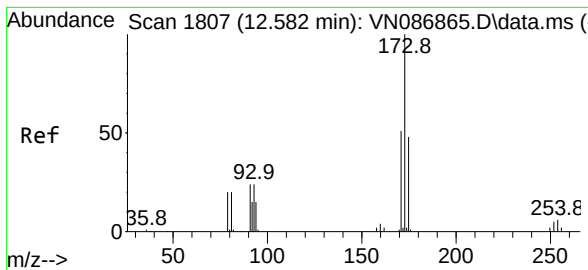
Tgt Ion:106 Resp: 203535
Ion Ratio Lower Upper
106 100
91 214.8 106.1 318.1



#70
Styrene
Concen: 59.825 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion:104 Resp: 355472
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 53.6 43.1 64.7

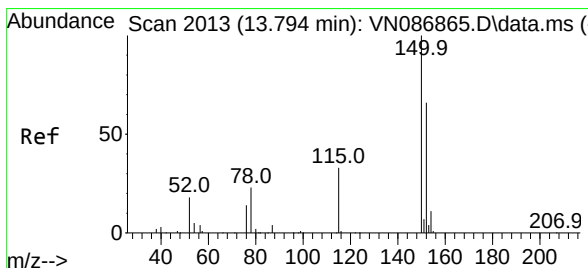
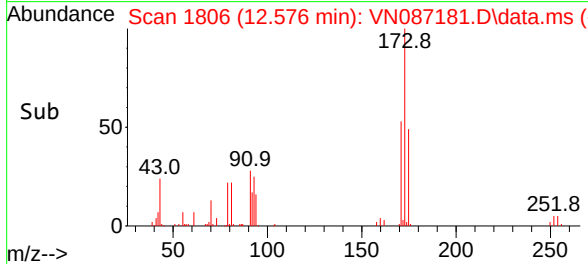
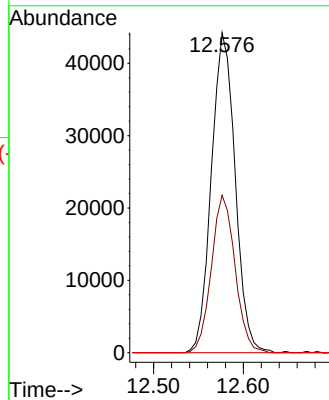
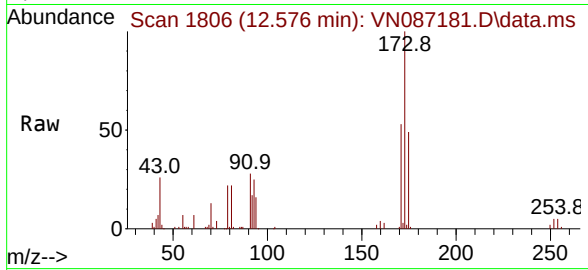




#71
Bromoform
Concen: 62.145 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

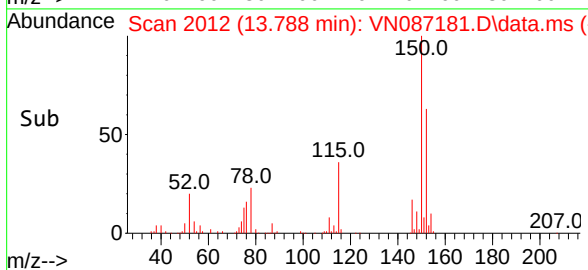
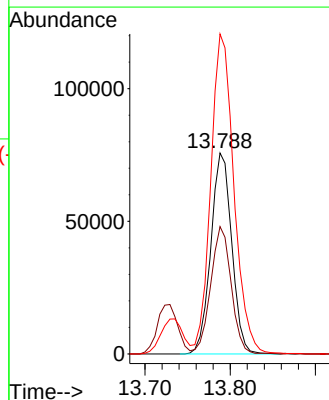
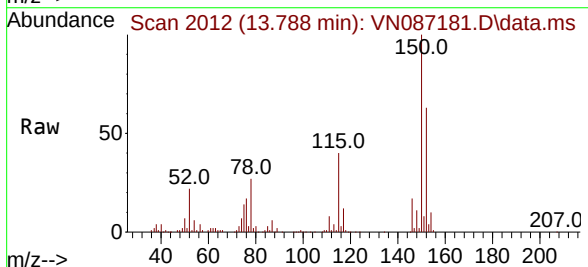
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

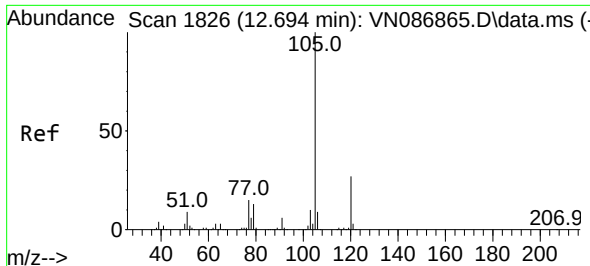
Tgt Ion:173 Resp: 81387
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion:152 Resp: 129095
Ion Ratio Lower Upper
152 100
115 62.3 30.1 90.5
150 176.5 0.0 345.0

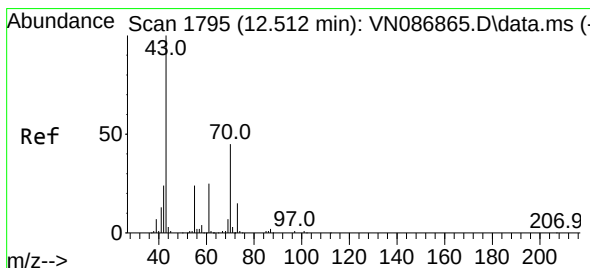
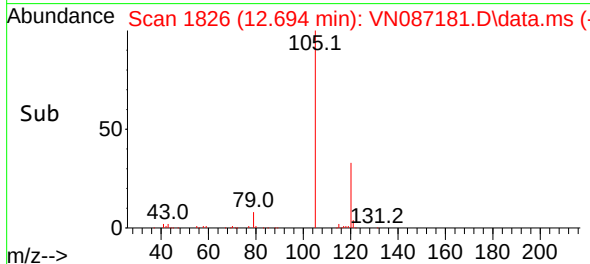
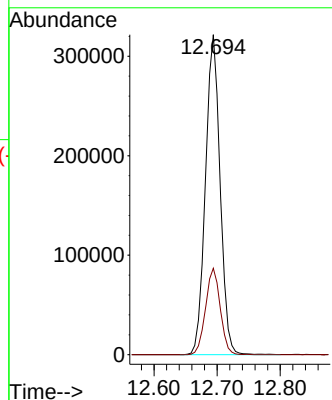
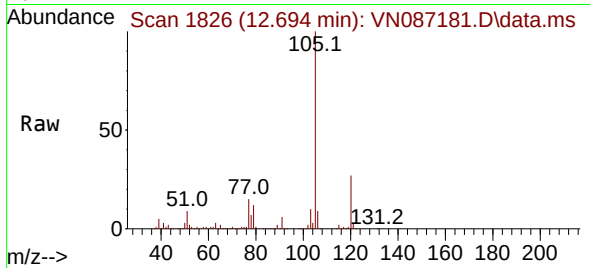




#73
Isopropylbenzene
Concen: 55.100 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

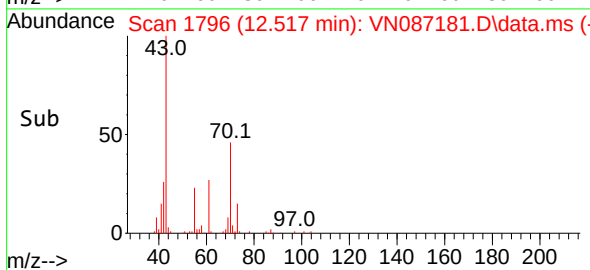
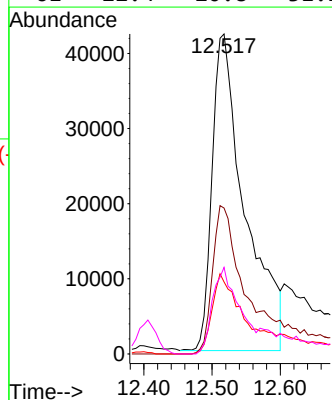
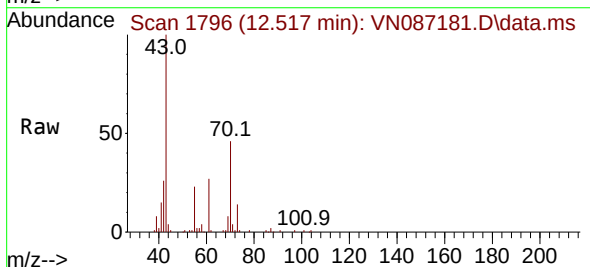
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

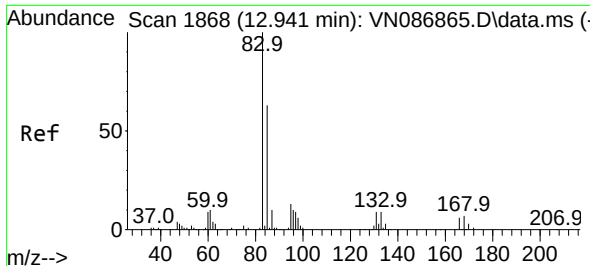
Tgt Ion:105 Resp: 518199
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 42.998 ug/l
RT: 12.517 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 43 Resp: 141310
Ion Ratio Lower Upper
43 100
70 57.0 37.6 56.4#
55 28.9 19.0 28.6#
61 22.4 20.8 31.2

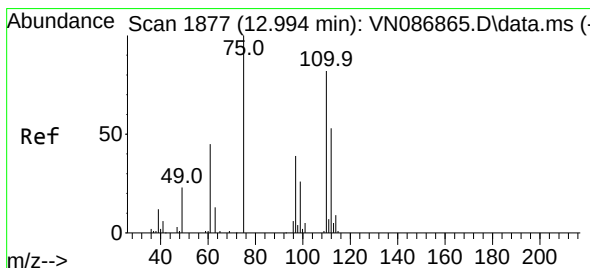
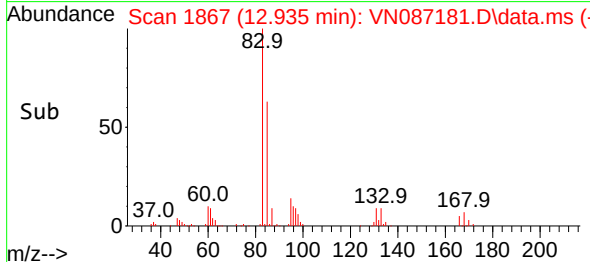
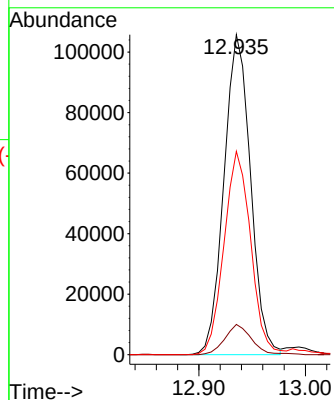
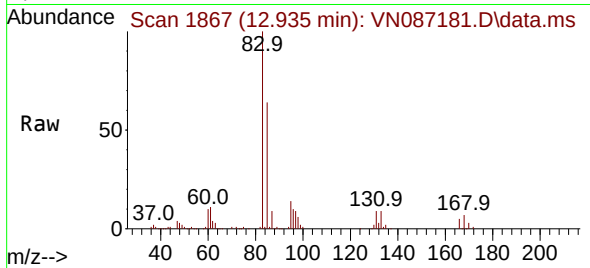




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.525 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

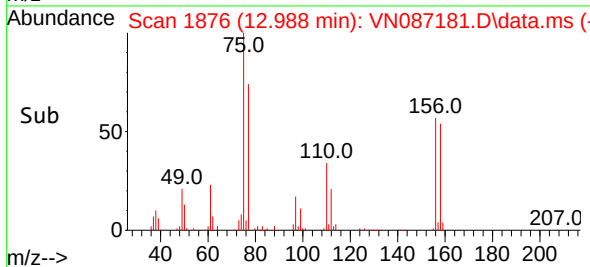
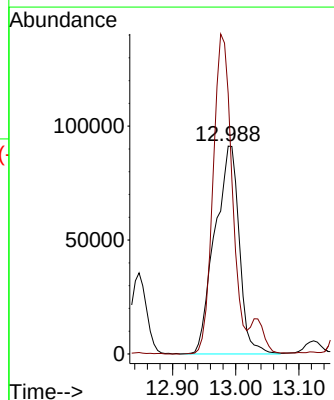
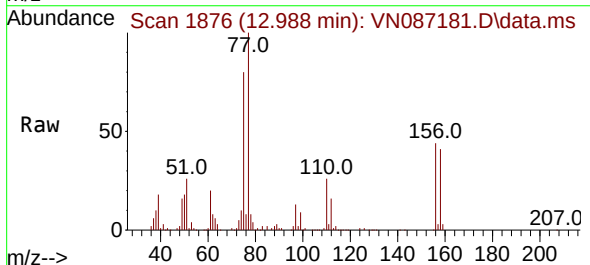
Instrument :
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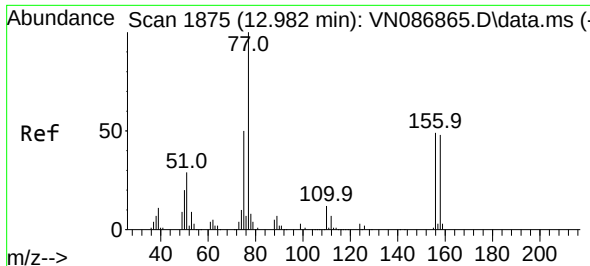
Tgt Ion: 83 Resp: 183281
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.9 14.7
 85 63.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 79.960 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion: 75 Resp: 245369
 Ion Ratio Lower Upper
 75 100
 77 119.4 79.3 237.9

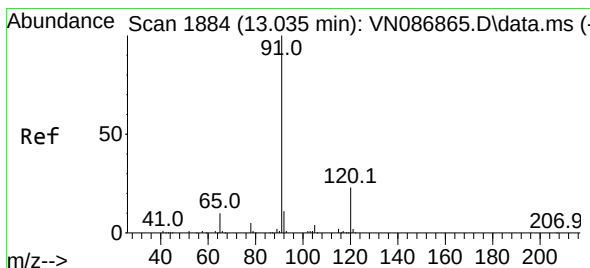
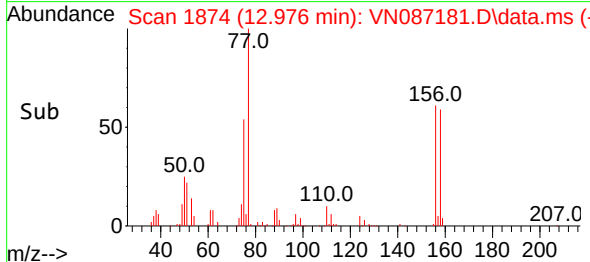
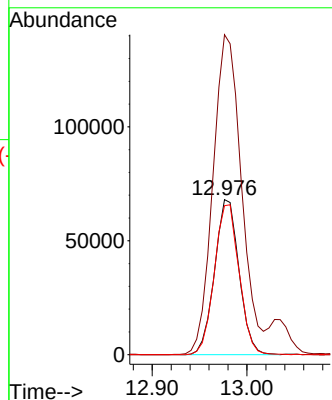
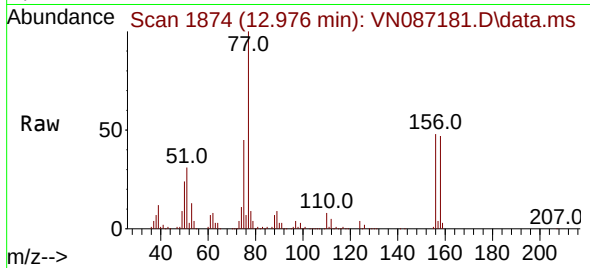




#77
Bromobenzene
Concen: 56.551 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

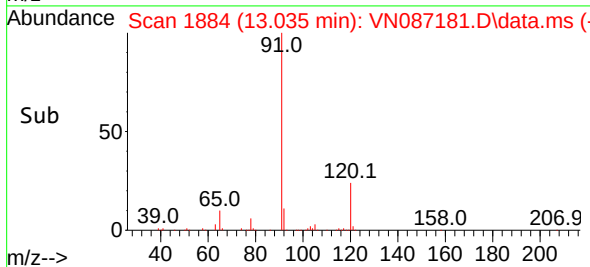
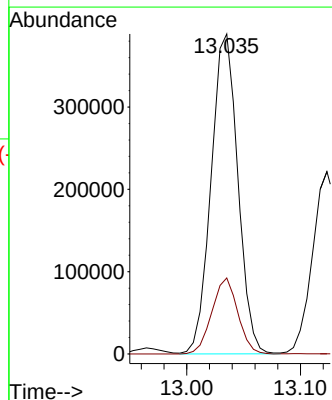
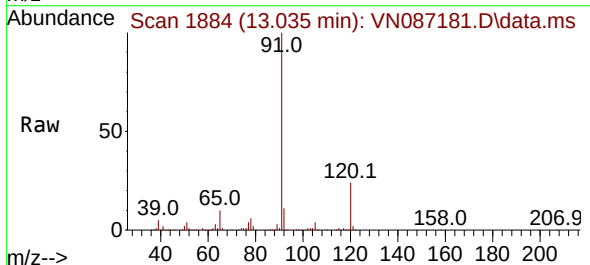
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

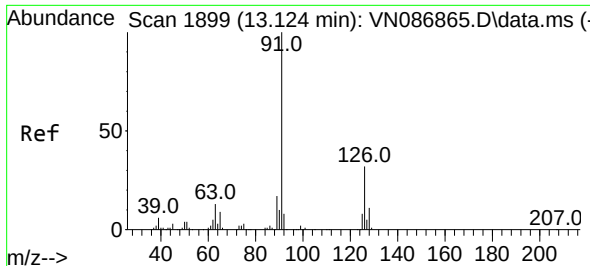
Tgt Ion:156 Resp: 121969
Ion Ratio Lower Upper
156 100
77 240.2 117.7 353.1
158 98.0 48.1 144.4



#78
n-propylbenzene
Concen: 55.700 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 91 Resp: 636602
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.2

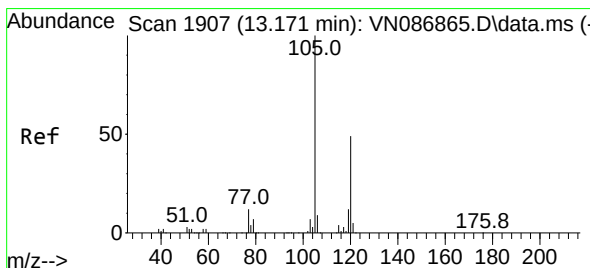
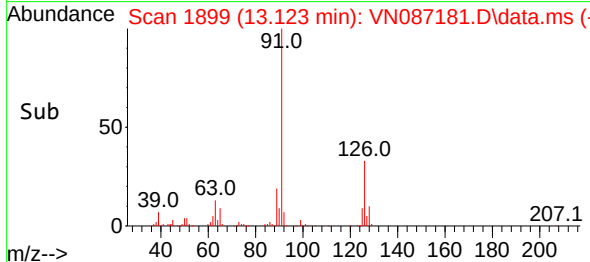
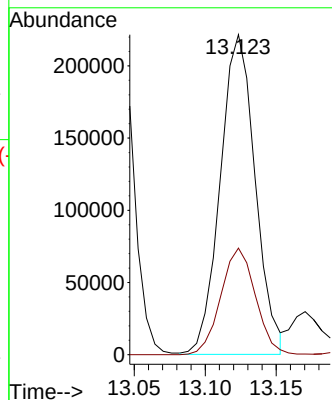
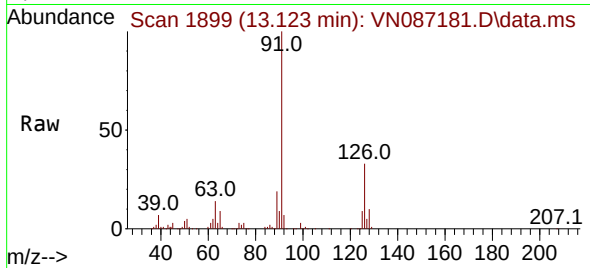




#79
2-Chlorotoluene
Concen: 55.365 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

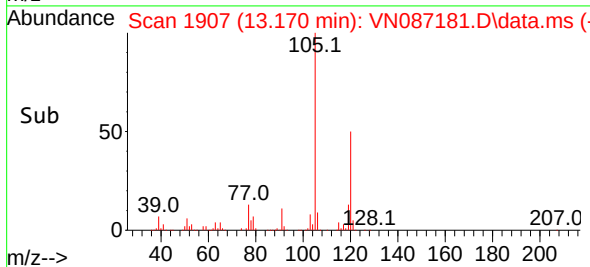
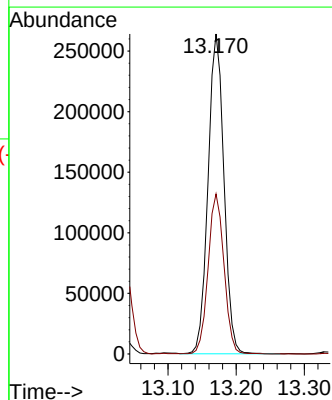
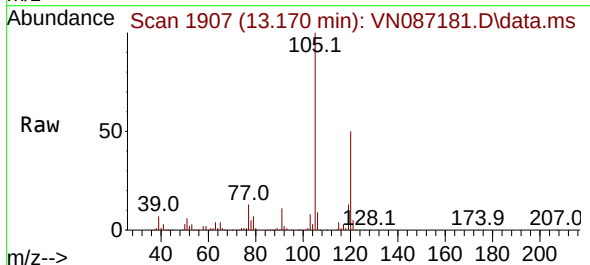
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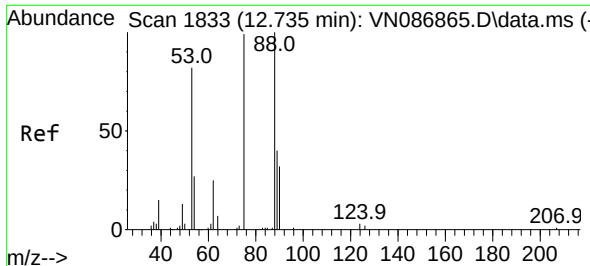
Tgt Ion: 91 Resp: 379482
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 55.060 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 105 Resp: 427521
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.6

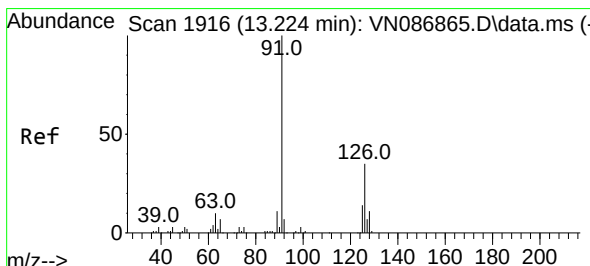
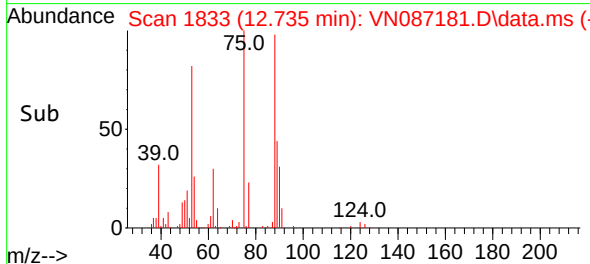
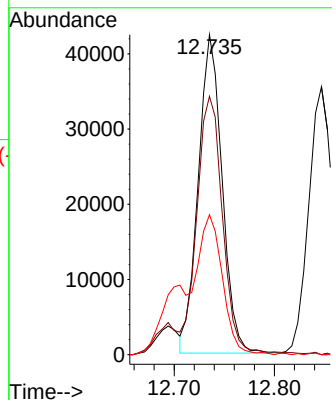
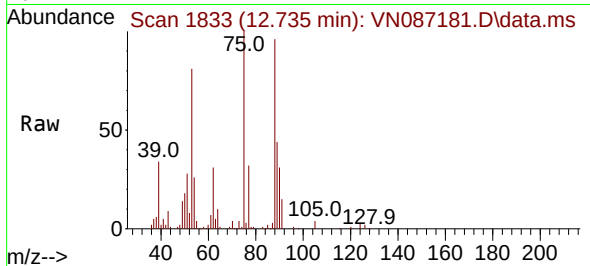




#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.477 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

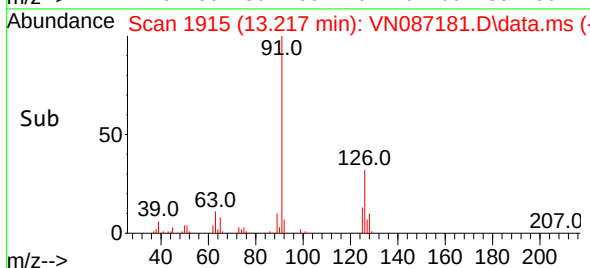
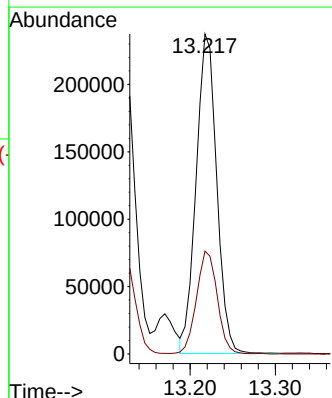
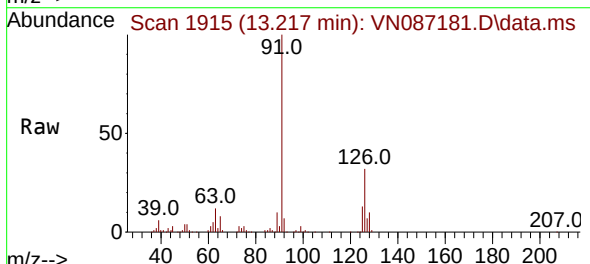
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

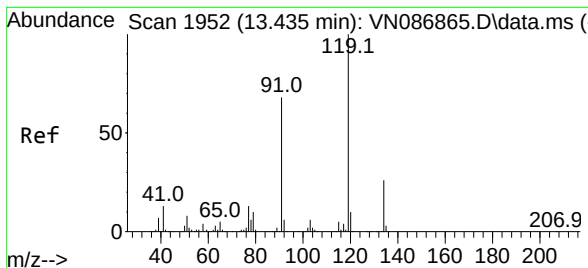
Tgt Ion: 75 Resp: 69955
 Ion Ratio Lower Upper
 75 100
 53 86.9 66.6 99.8
 89 47.6 36.7 55.1



#82
 4-Chlorotoluene
 Concen: 57.347 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion: 91 Resp: 397718
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.7 50.1

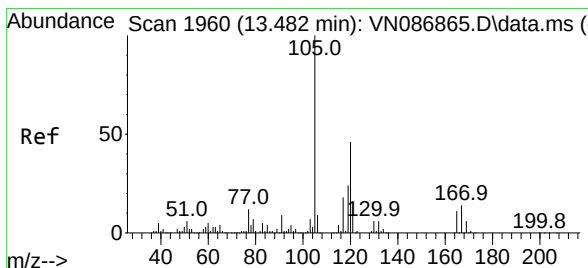
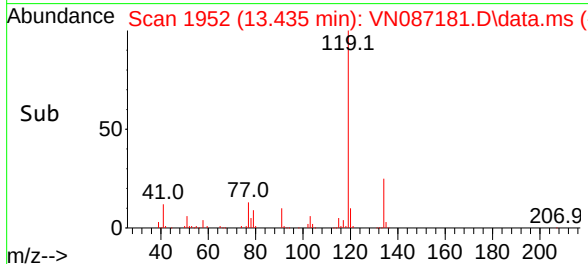
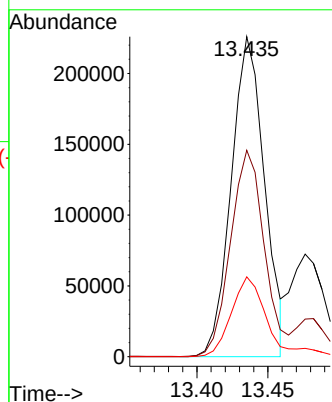
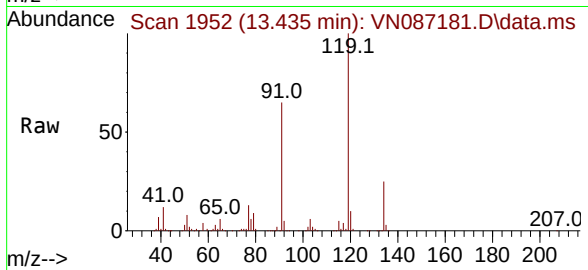




#83
 tert-Butylbenzene
 Concen: 51.767 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

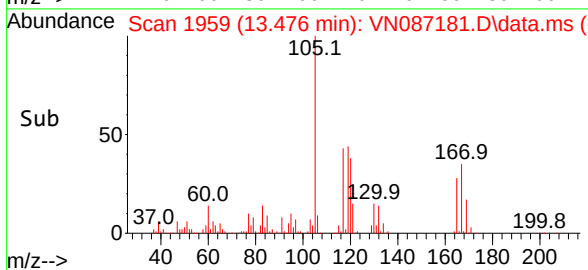
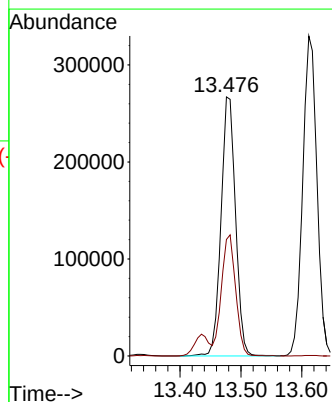
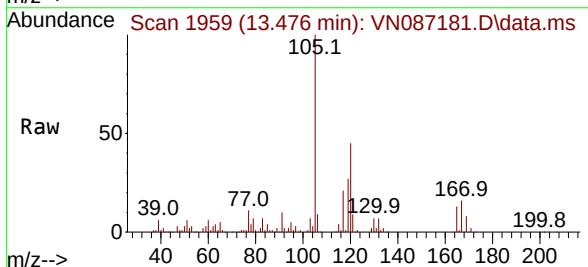
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

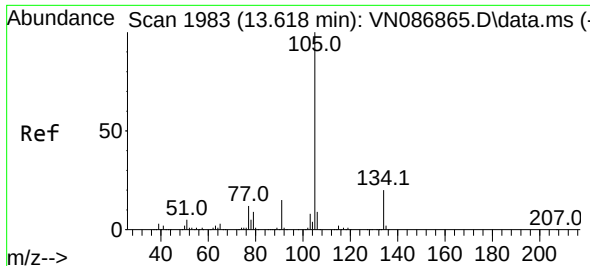
Tgt Ion:119 Resp: 367939
 Ion Ratio Lower Upper
 119 100
 91 65.9 32.1 96.5
 134 27.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.749 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion:105 Resp: 441855
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.2 69.6

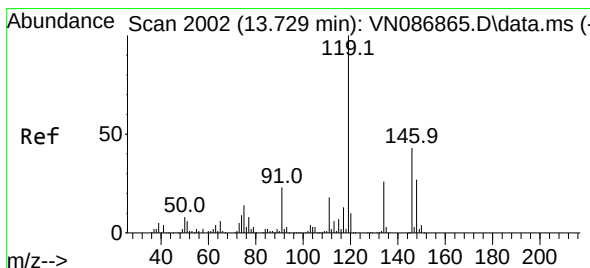
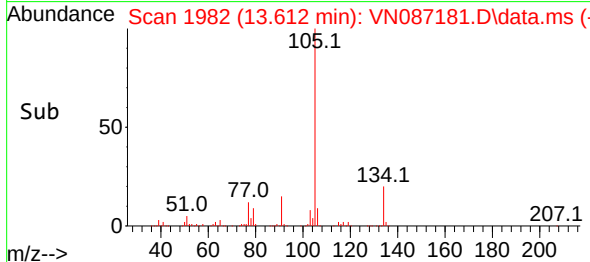
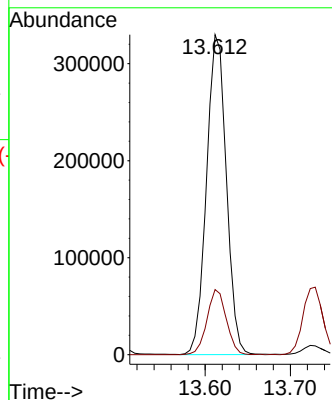
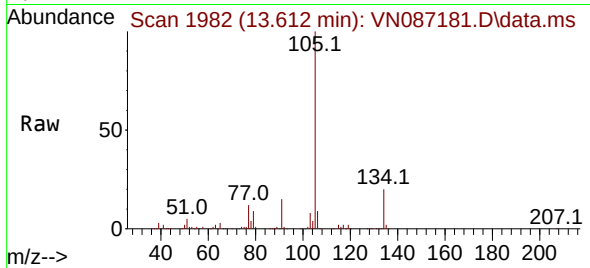




#85
 sec-Butylbenzene
 Concen: 51.642 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

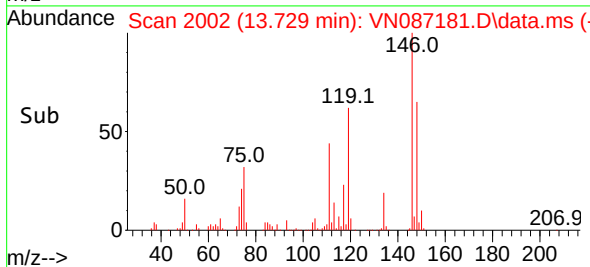
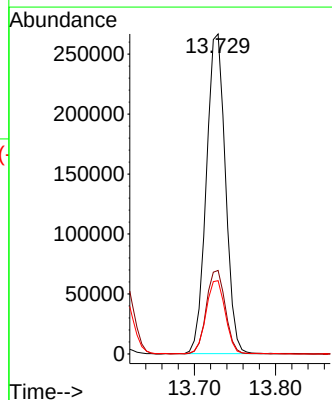
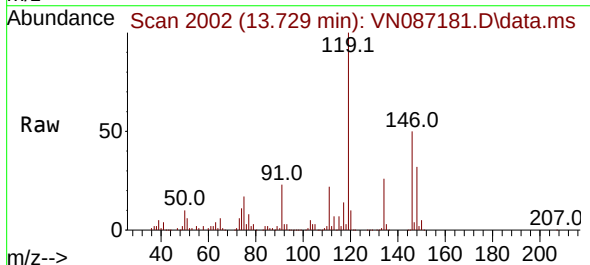
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

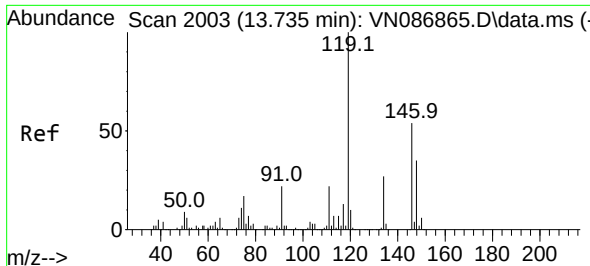
Tgt Ion:105 Resp: 533037
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 50.865 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion:119 Resp: 433993
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 23.6 11.5 34.4

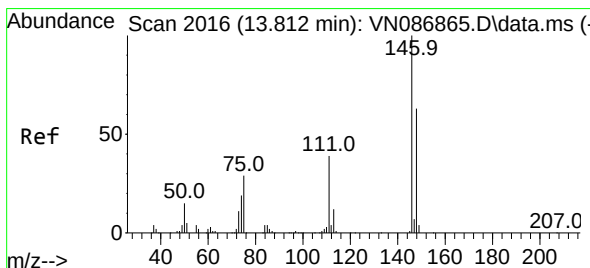
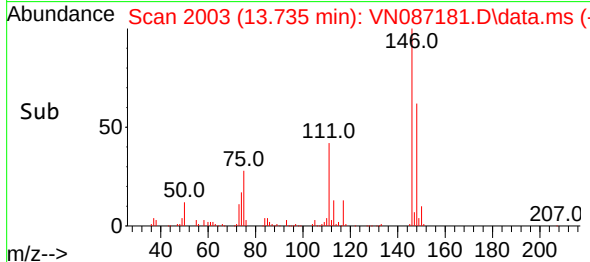
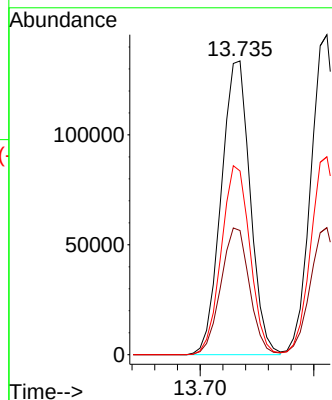
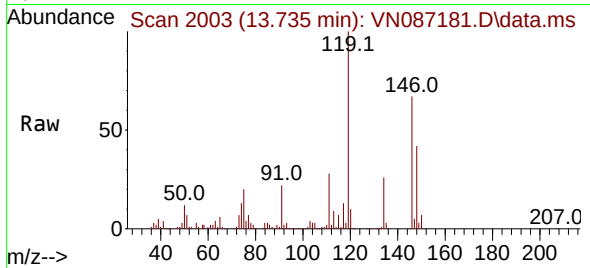




#87
 1,3-Dichlorobenzene
 Concen: 55.709 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

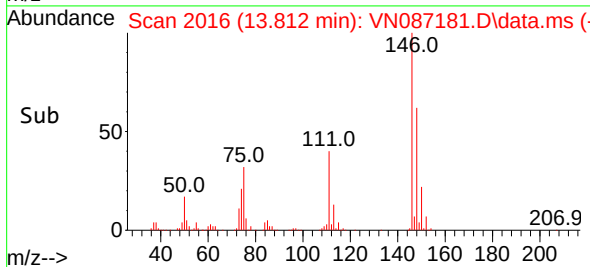
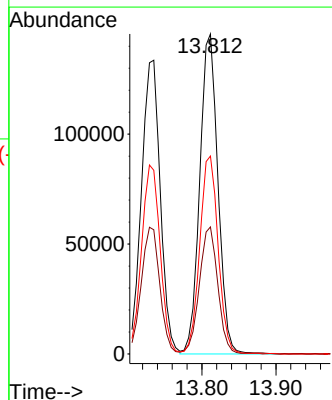
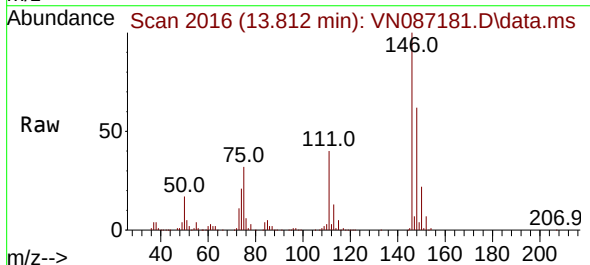
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

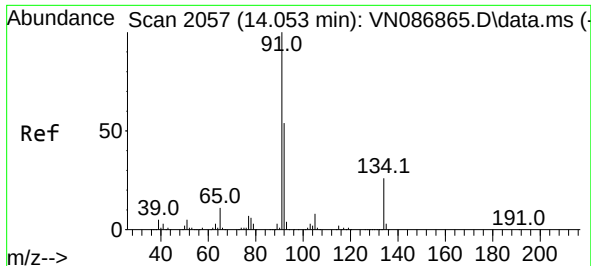
Tgt Ion:146 Resp: 236401
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.9 62.8
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 57.303 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087181.D
 Acq: 26 Jun 2025 09:50

Tgt Ion:146 Resp: 247915
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 62.7 31.8 95.4

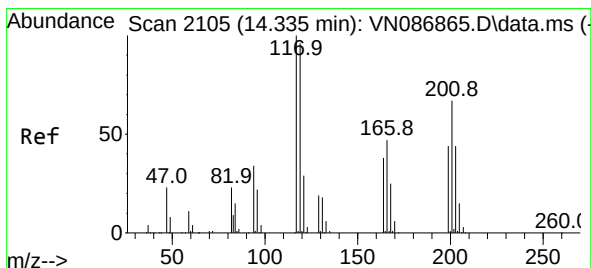
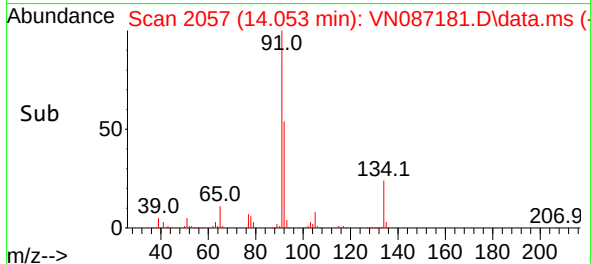
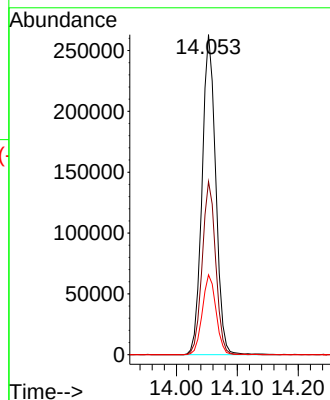
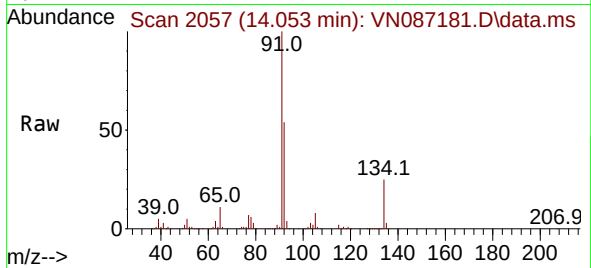




#89
n-Butylbenzene
Concen: 49.615 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

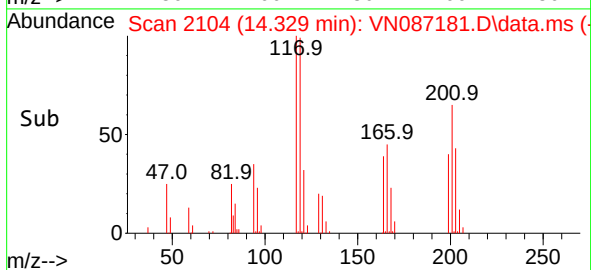
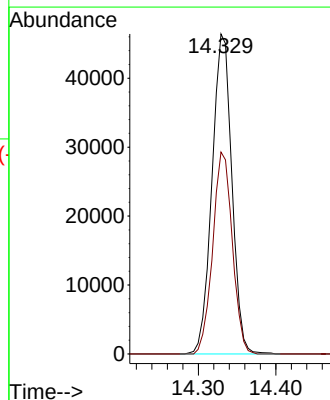
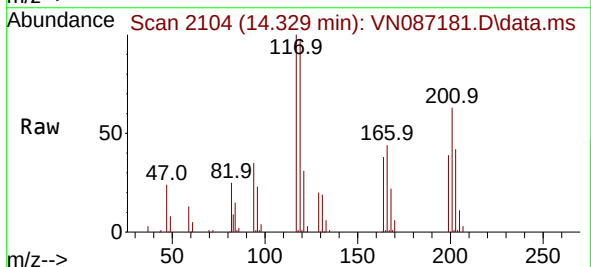
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

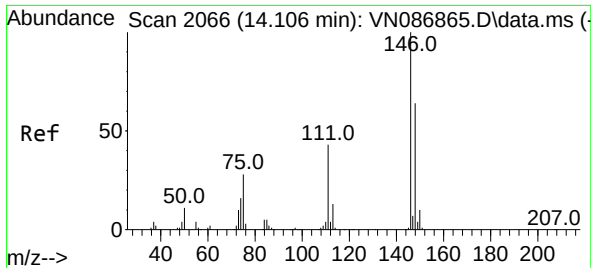
Tgt Ion: 91 Resp: 410039
Ion Ratio Lower Upper
91 100
92 53.4 27.5 82.4
134 25.1 13.0 39.0



#90
Hexachloroethane
Concen: 56.997 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 117 Resp: 82433
Ion Ratio Lower Upper
117 100
201 62.3 33.2 99.6

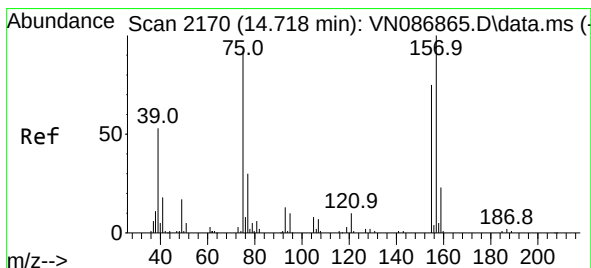
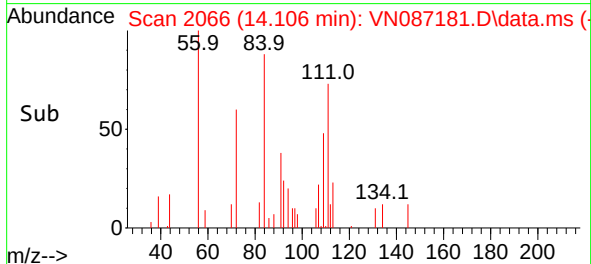
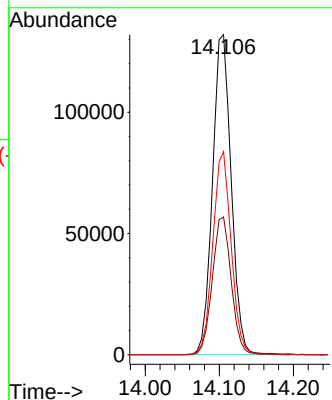
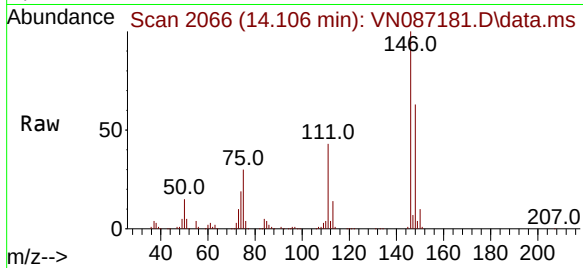




#91
1,2-Dichlorobenzene
Concen: 56.791 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

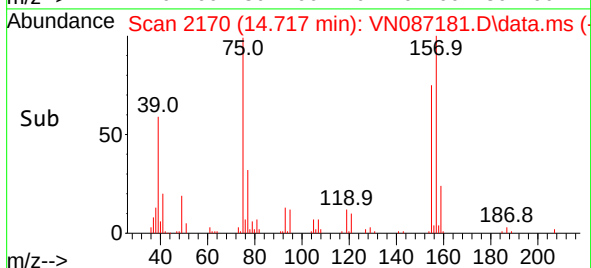
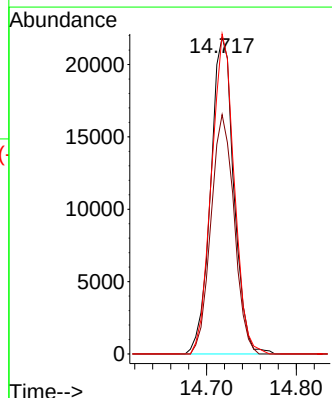
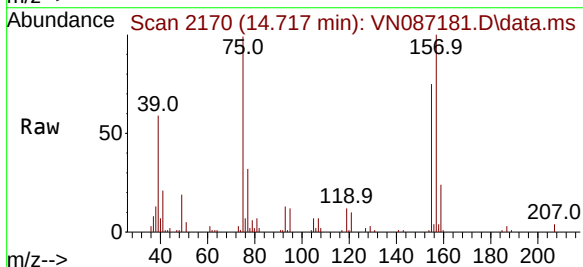
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

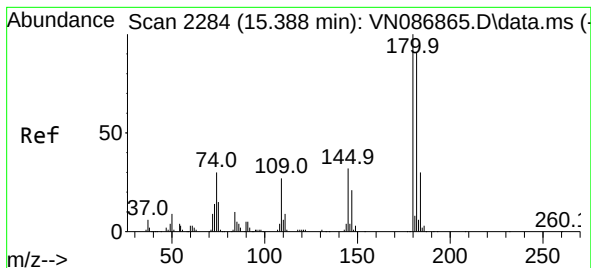
Tgt Ion:146 Resp: 231532
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 62.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.417 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion: 75 Resp: 39178
Ion Ratio Lower Upper
75 100
155 75.6 41.1 123.4
157 99.3 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 50.424 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

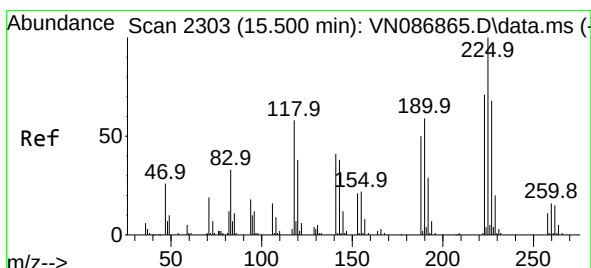
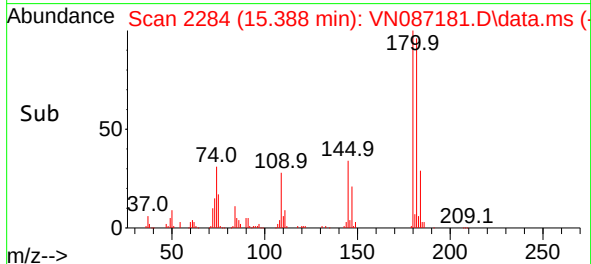
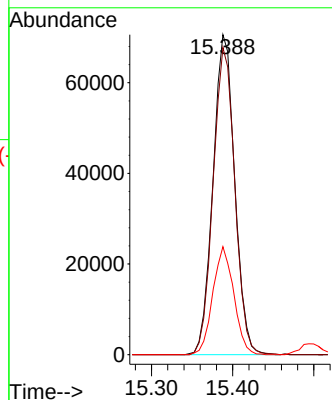
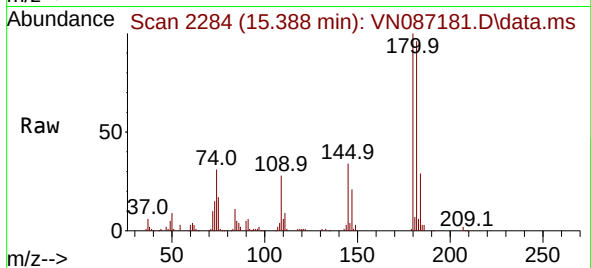
Tgt Ion:180 Resp: 131272

Ion Ratio Lower Upper

180 100

182 95.9 46.9 140.7

145 32.6 16.0 47.9



#94

Hexachlorobutadiene

Concen: 37.381 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN087181.D

Acq: 26 Jun 2025 09:50

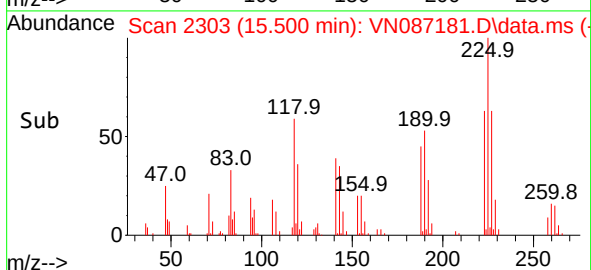
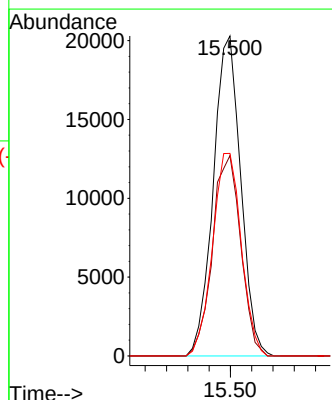
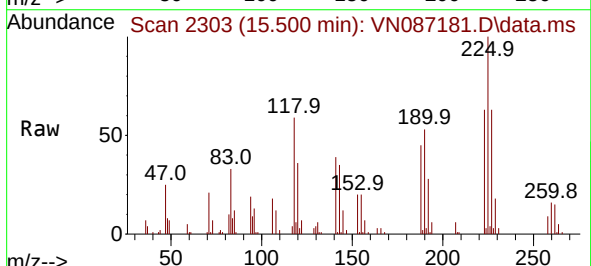
Tgt Ion:225 Resp: 36257

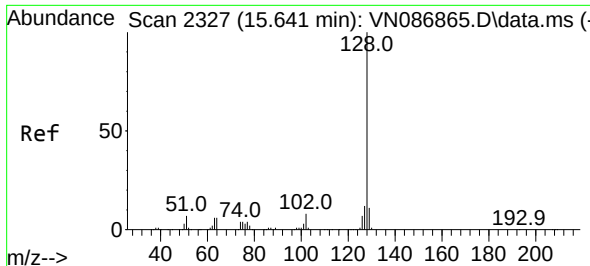
Ion Ratio Lower Upper

225 100

223 64.4 33.5 100.4

227 66.3 31.1 93.5

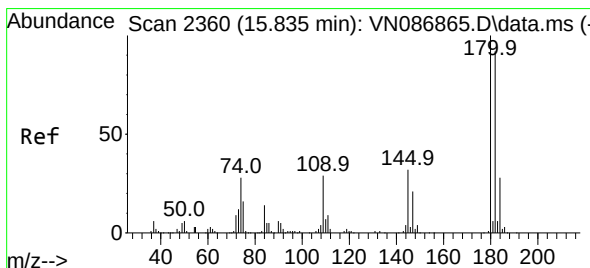
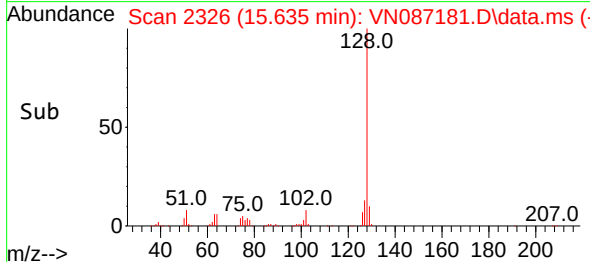
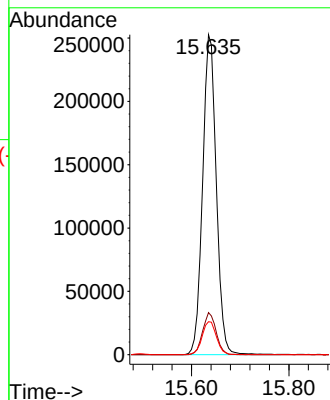
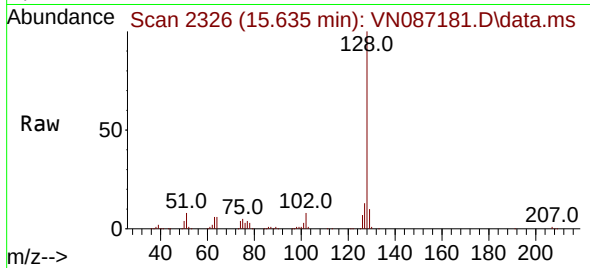




#95
Naphthalene
Concen: 50.847 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 492717
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.541 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087181.D
Acq: 26 Jun 2025 09:50

Tgt Ion:180 Resp: 128140
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 33.3 16.6 49.8

