

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086637.D
 Acq On : 15 May 2025 11:58
 Operator : JC\MD
 Sample : Q1966-05 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SILICA-GEL

Quant Time: May 16 05:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	253920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	463903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	445563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	212682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151810	41.230	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.460%
35) Dibromofluoromethane	8.165	113	127258	59.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.220%
50) Toluene-d8	10.565	98	534452	46.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.900%
62) 4-Bromofluorobenzene	12.847	95	203939	48.591	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.180%

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1033	0.236	ug/l	91
5) Bromomethane	2.971	94	568	0.302	ug/l	87
8) Diethyl Ether	3.965	74	2177	1.078	ug/l	94
11) Tert butyl alcohol	5.518	59	100956	150.271	ug/l	100
13) Acrolein	4.283	56	189	Below Cal	#	1
15) Acrylonitrile	5.783	53	1090	0.656	ug/l #	1
16) Acetone	4.424	43	298146	233.830	ug/l	98
17) Carbon Disulfide	4.712	76	2004	0.224	ug/l #	74
18) Methyl Acetate	5.024	43	60888	13.776	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	124213	11.307	ug/l #	62
20) Methylene Chloride	5.277	84	4230	1.243	ug/l	93
22) Diisopropyl ether	6.677	45	197385	17.079	ug/l #	1
23) Vinyl Acetate	6.718	43	54779	6.780	ug/l #	71
24) 1,1-Dichloroethane	6.665	63	1309	0.215	ug/l #	83
25) 2-Butanone	7.483	43	69631	30.381	ug/l	96
26) 2,2-Dichloropropane	7.330	77	7533	1.380	ug/l #	53
29) Tetrahydrofuran	7.847	42	667	0.435	ug/l #	49
31) Cyclohexane	8.259	56	71604	12.000	ug/l	95
36) 1,1-Dichloropropene	8.218	75	19903	4.628	ug/l #	49
37) Ethyl Acetate	7.483	43	69631	15.380	ug/l #	68
38) Carbon Tetrachloride	8.218	117	25720	6.280	ug/l #	16
39) Methylcyclohexane	9.594	83	74364	14.549	ug/l	95
40) Benzene	8.606	78	12901915	936.411	ug/l	99
41) Methacrylonitrile	7.783	41	1715	0.654	ug/l #	39
42) 1,2-Dichloroethane	8.606	62	103707	23.603	ug/l #	74
43) Isopropyl Acetate	8.682	43	18127	0.387	ug/l #	94
45) 1,2-Dichloropropane	9.635	63	2462	0.730	ug/l #	43
48) Methyl methacrylate	9.741	41	5282	1.329	ug/l #	41
49) 1,4-Dioxane	9.700	88	1171	17.315	ug/l #	23
51) 4-Methyl-2-Pentanone	10.441	43	10895	2.350	ug/l	94
52) Toluene	10.629	92	9962906	1158.863	ug/l	93
53) t-1,3-Dichloropropene	10.741	75	6695	1.292	ug/l #	68
54) cis-1,3-Dichloropropene	10.282	75	2149	0.378	ug/l #	1
55) 1,1,2-Trichloroethane	11.000	97	4059	1.312	ug/l #	21
58) 2-Chloroethyl Vinyl ether	10.282	63	2776	1.029	ug/l	91
59) 2-Hexanone	11.194	43	17692	5.145	ug/l	90

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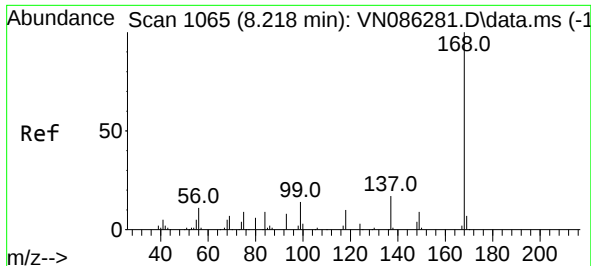
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	11.959	91	1427851	79.576	ug/l	99
68) m/p-Xylenes	12.065	106	3036335	451.616	ug/l	94
69) o-Xylene	12.394	106	759129	114.173	ug/l	95
70) Styrene	12.394	104	36812	3.323	ug/l #	1
71) Bromoform	12.835	173	667	0.270	ug/l #	1
73) Isopropylbenzene	12.694	105	37182	2.137	ug/l	99
74) N-amyl acetate	12.453	43	13989	1.615	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.959	83	1995	0.399	ug/l #	25
76) 1,2,3-Trichloropropane	12.847	75	97373	19.401	ug/l #	1
78) n-propylbenzene	13.035	91	24771	1.208	ug/l	99
79) 2-Chlorotoluene	13.165	91	4429	0.345	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	39866	2.800	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	97373	46.594	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.476	105	71872	4.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.764	75	1213	1.203	ug/l #	5
94) Hexachlorobutadiene	15.488	225	326	0.257	ug/l #	51
95) Naphthalene	15.635	128	6456	0.541	ug/l #	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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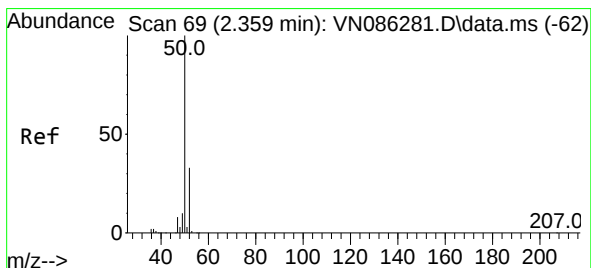
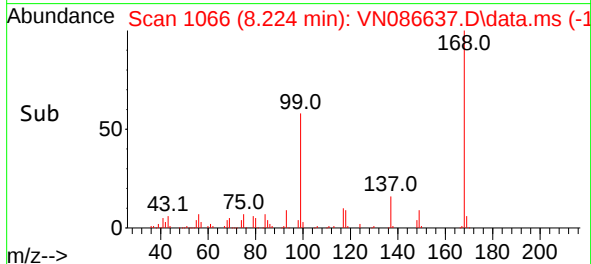
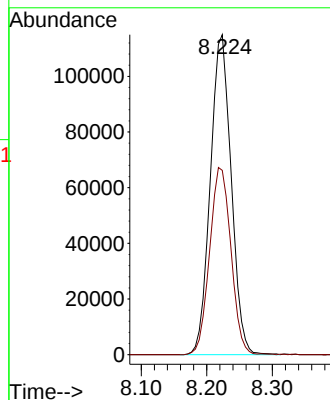
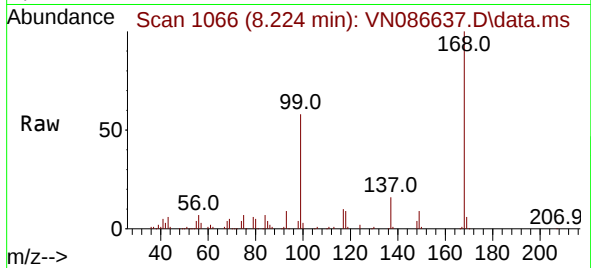




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086637.D
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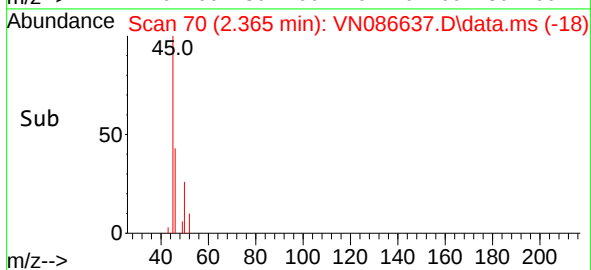
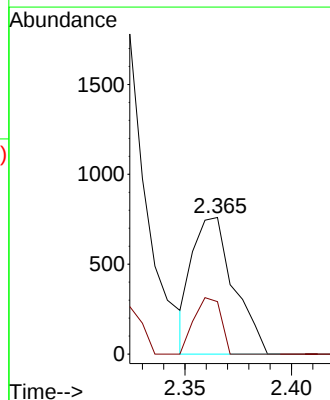
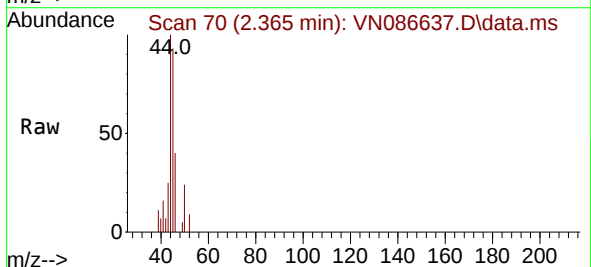
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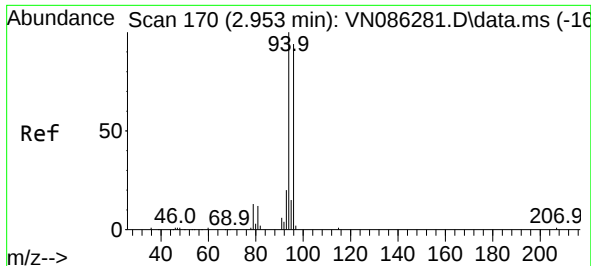
Tgt Ion:168 Resp: 253920
Ion Ratio Lower Upper
168 100
99 57.6 52.5 78.7



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 50 Resp: 1033
Ion Ratio Lower Upper
50 100
52 38.4 26.5 39.7

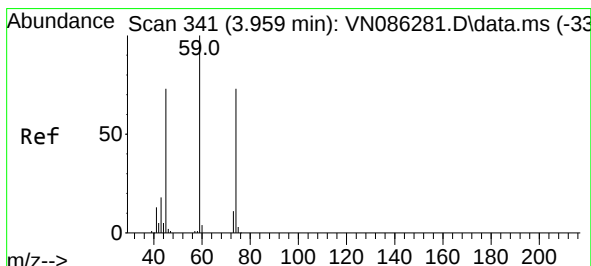
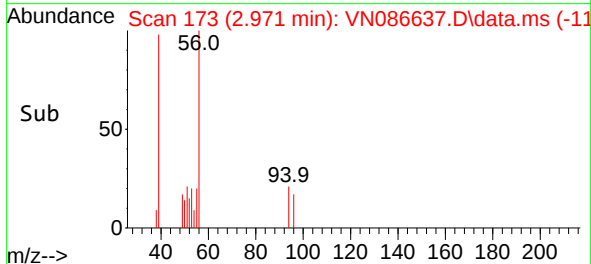
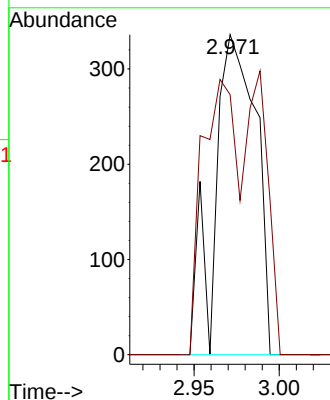
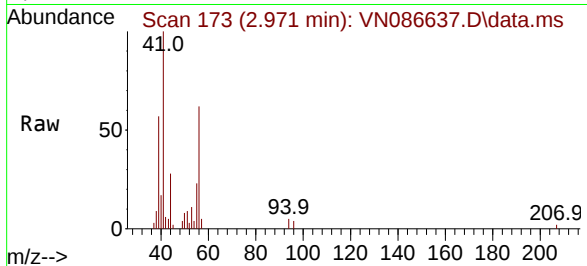




#5
Bromomethane
Concen: 0.302 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

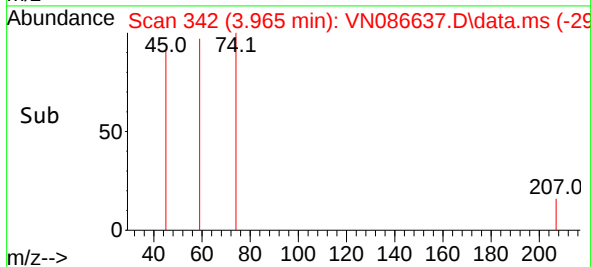
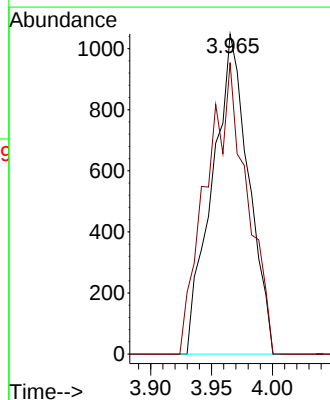
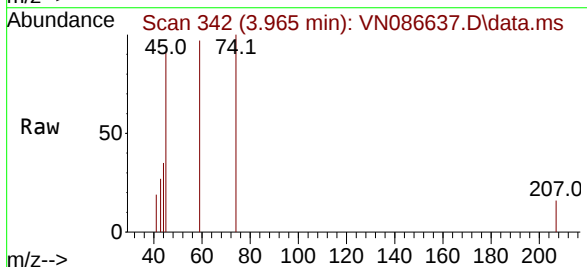
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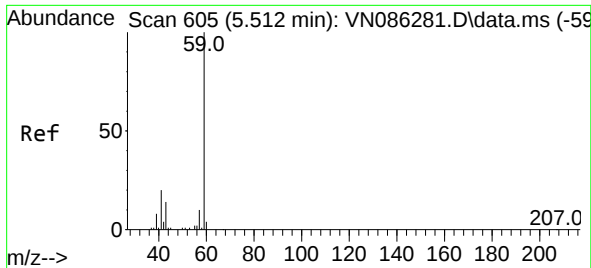
Tgt Ion: 94 Resp: 568
Ion Ratio Lower Upper
94 100
96 81.3 75.2 112.8



#8
Diethyl Ether
Concen: 1.078 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 74 Resp: 2177
Ion Ratio Lower Upper
74 100
45 101.7 48.0 144.2

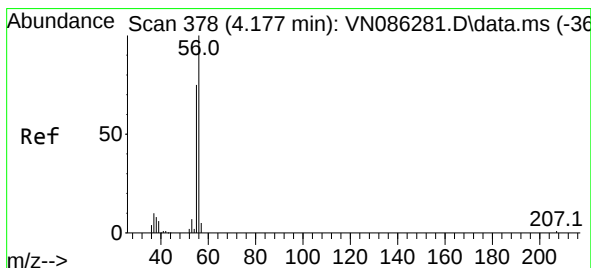
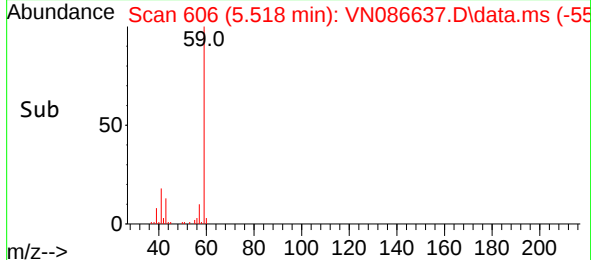
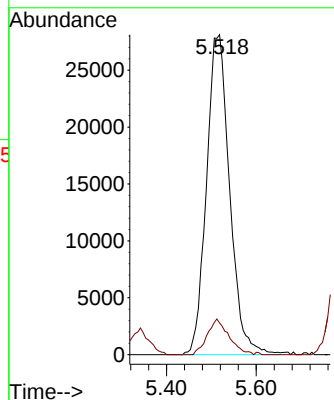
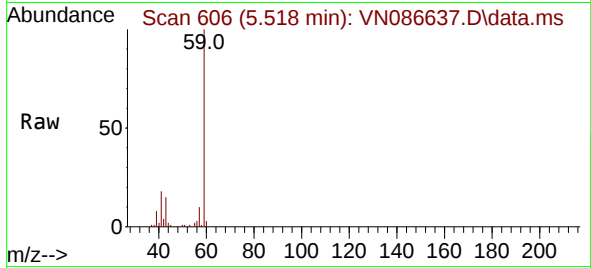




#11
Tert butyl alcohol
Concen: 150.271 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

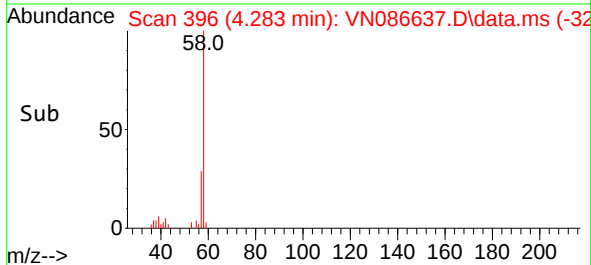
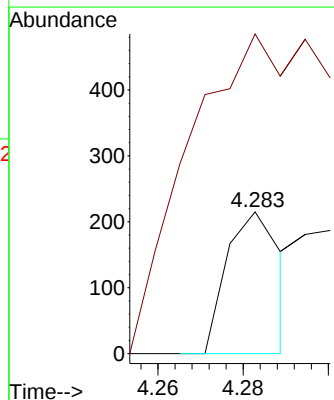
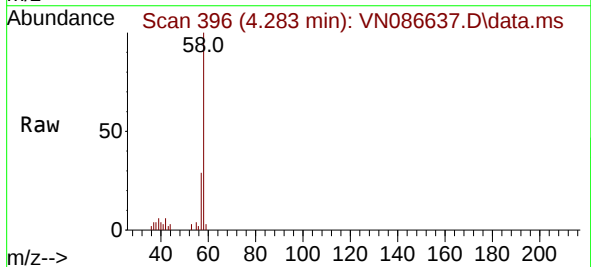
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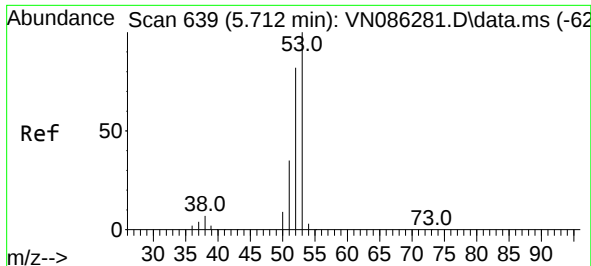
Tgt Ion: 59 Resp: 100956
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#13
Acrolein
Concen: Below Cal
RT: 4.283 min Scan# 396
Delta R.T. 0.106 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 704.8 58.5 87.7#

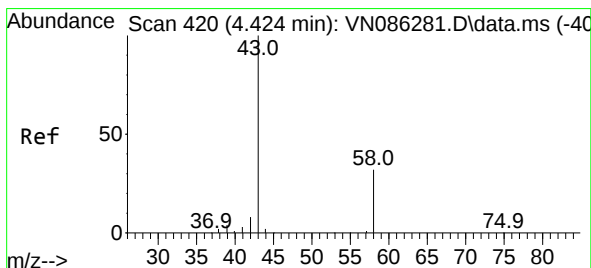
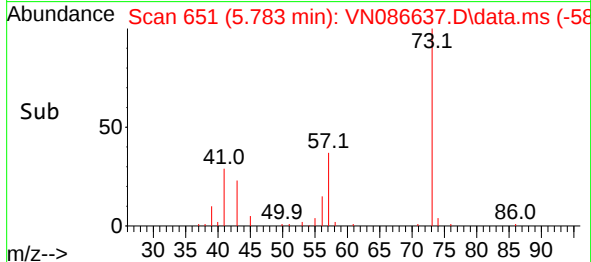
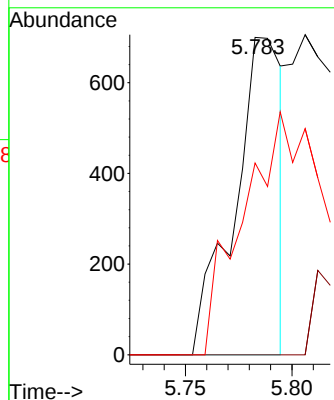
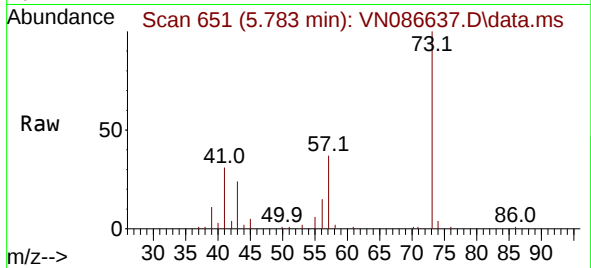




#15
Acrylonitrile
Concen: 0.656 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.071 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

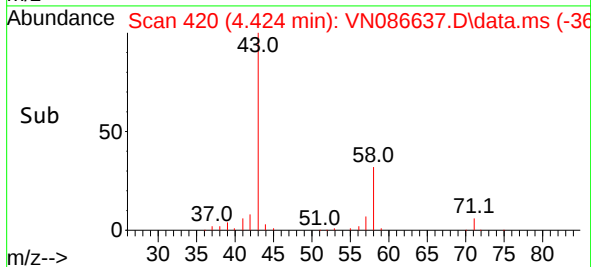
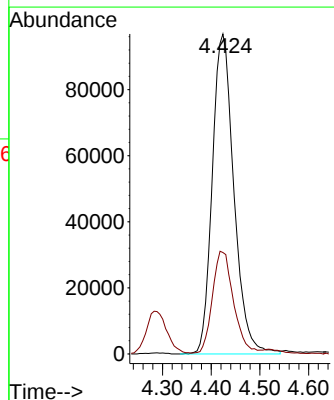
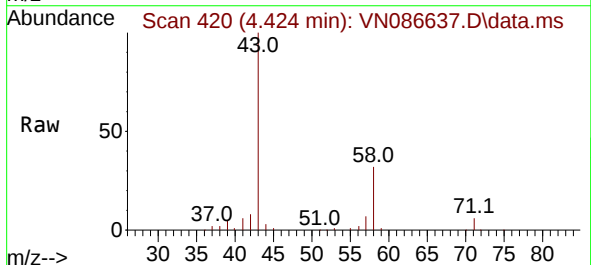
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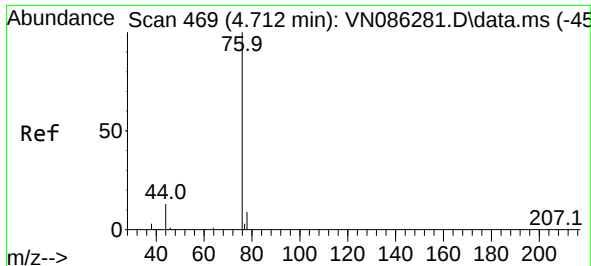
Tgt Ion: 53 Resp: 1090
Ion Ratio Lower Upper
53 100
52 0.0 65.5 98.3#
51 154.3 28.6 42.8#



#16
Acetone
Concen: 233.830 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 43 Resp: 298146
Ion Ratio Lower Upper
43 100
58 30.7 25.3 37.9

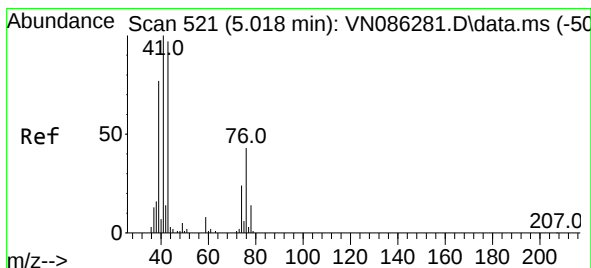
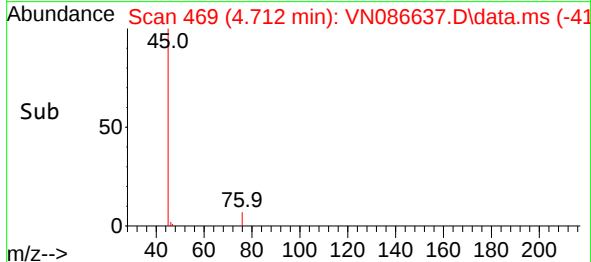
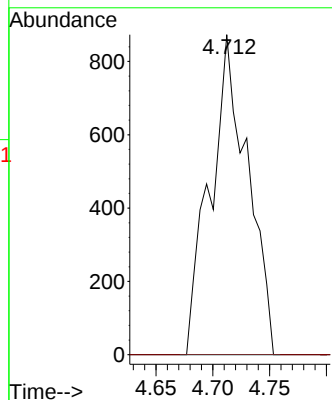
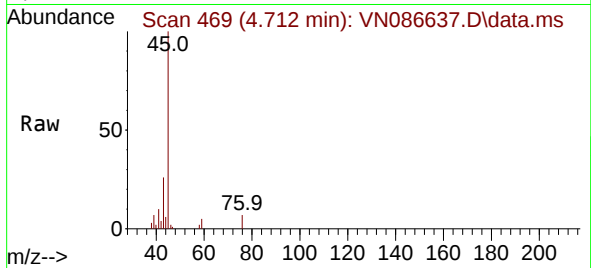




#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

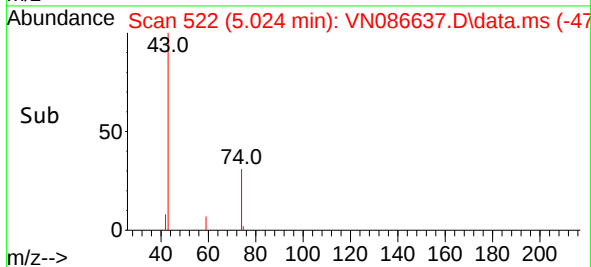
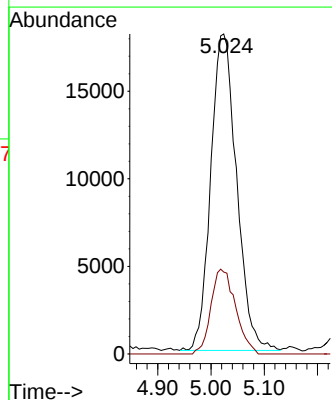
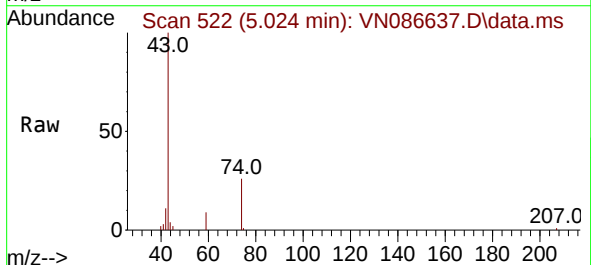
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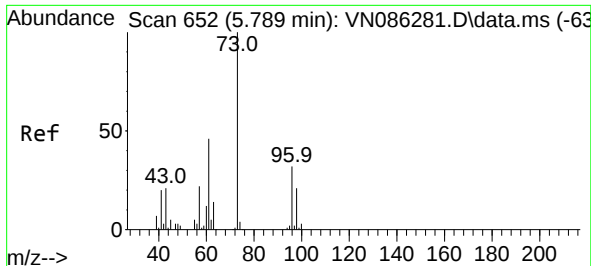
Tgt Ion: 76 Resp: 2004
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: 13.776 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 43 Resp: 60888
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.6

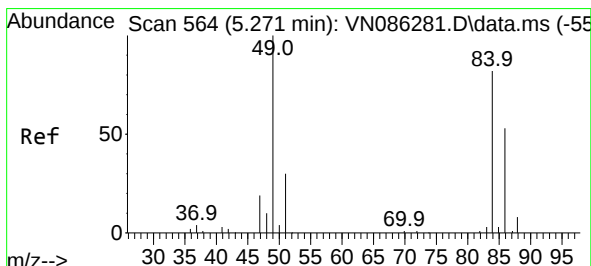
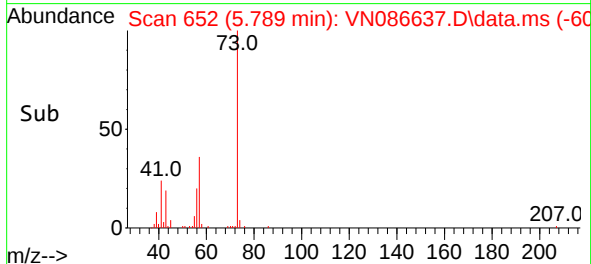
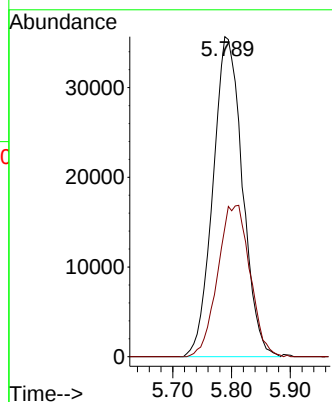
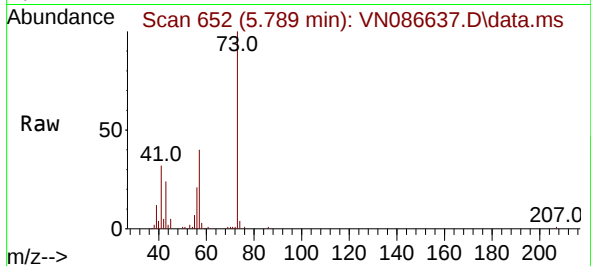




#19
Methyl tert-butyl Ether
Concen: 11.307 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

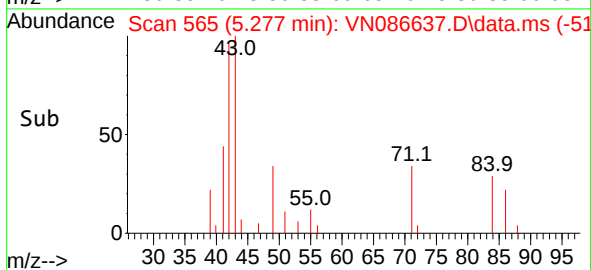
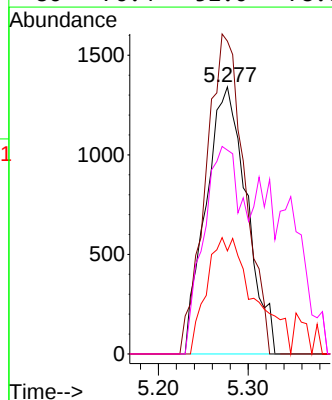
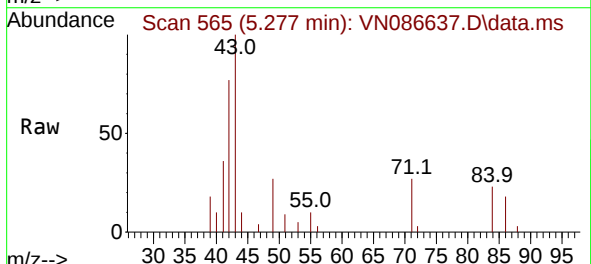
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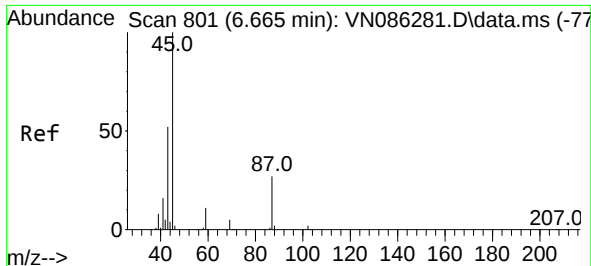
Tgt Ion: 73 Resp: 124213
Ion Ratio Lower Upper
73 100
57 40.3 17.6 26.4#



#20
Methylene Chloride
Concen: 1.243 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 84 Resp: 4230
Ion Ratio Lower Upper
84 100
49 117.2 98.2 147.2
51 38.6 29.8 44.6
86 76.4 52.0 78.0

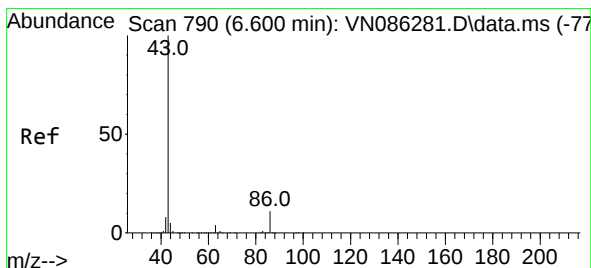
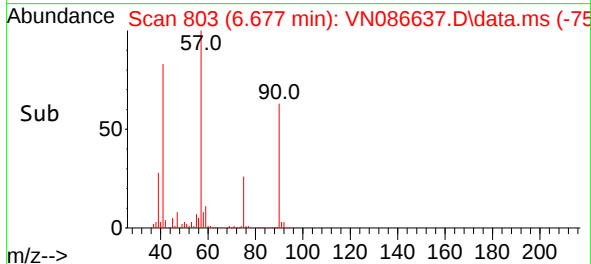
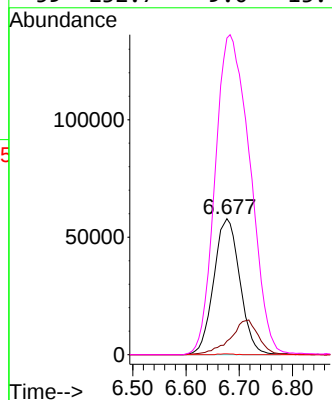
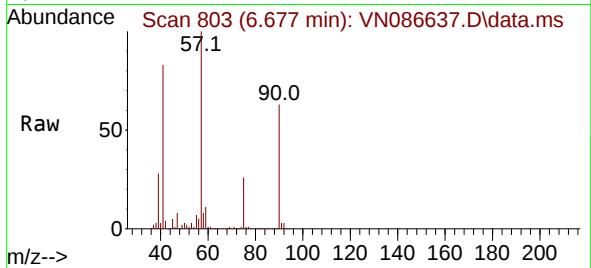




#22
Diisopropyl ether
Concen: 17.079 ug/l
RT: 6.677 min Scan# 801
Delta R.T. 0.012 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

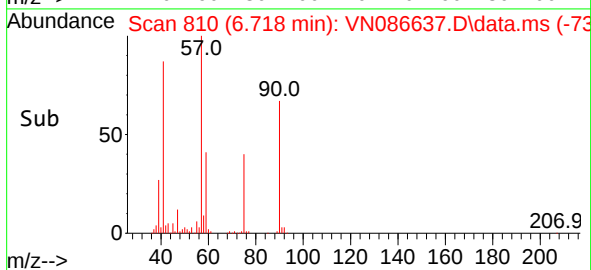
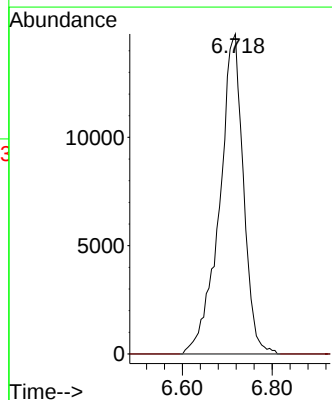
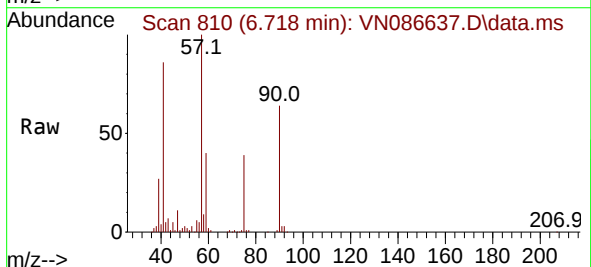
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

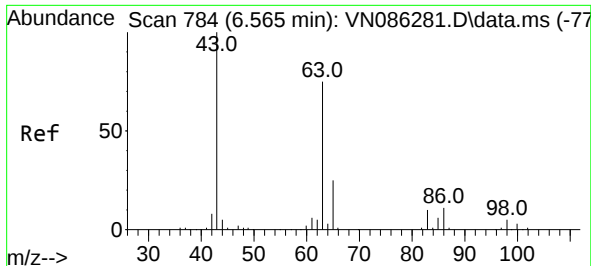
Tgt Ion: 45 Resp: 197385
Ion Ratio Lower Upper
45 100
43 10.0 41.8 62.8#
87 0.6 21.6 32.4#
59 232.7 9.0 13.4#



#23
Vinyl Acetate
Concen: 6.780 ug/l
RT: 6.718 min Scan# 810
Delta R.T. 0.118 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 43 Resp: 54779
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

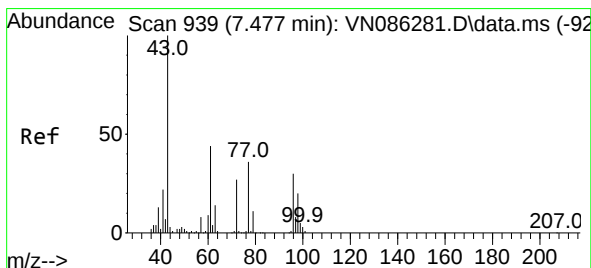
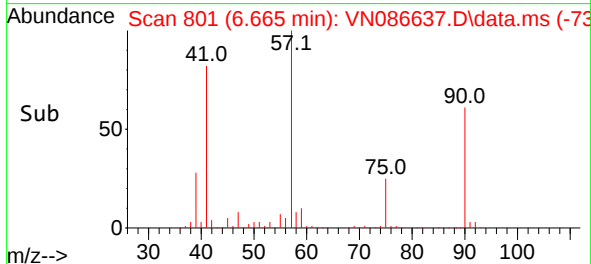
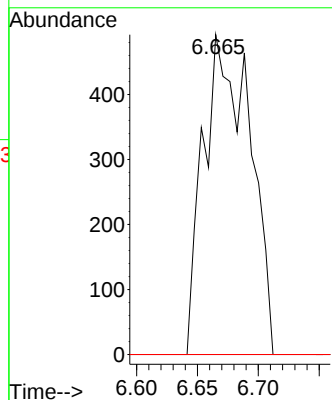
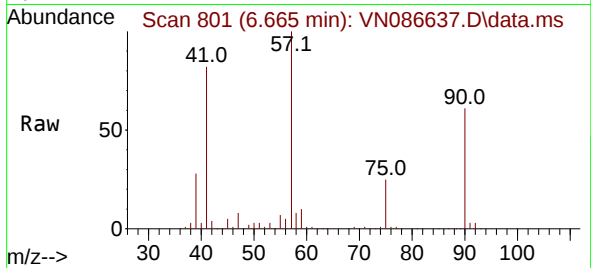




#24
1,1-Dichloroethane
Concen: 0.215 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.100 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

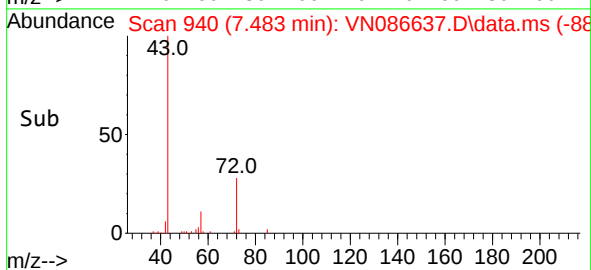
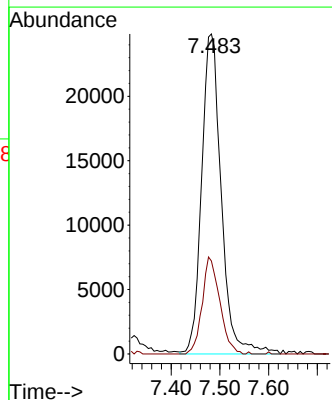
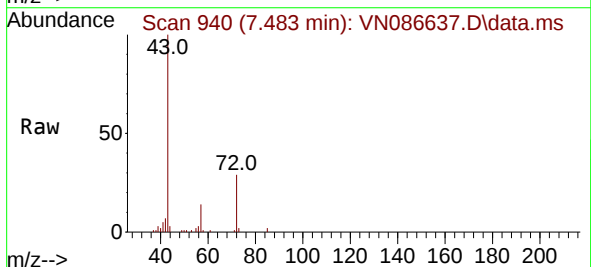
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

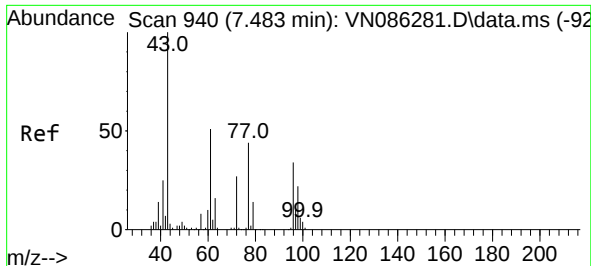
Tgt Ion: 63 Resp: 1309
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 30.381 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 43 Resp: 69631
Ion Ratio Lower Upper
43 100
72 29.0 21.7 32.5

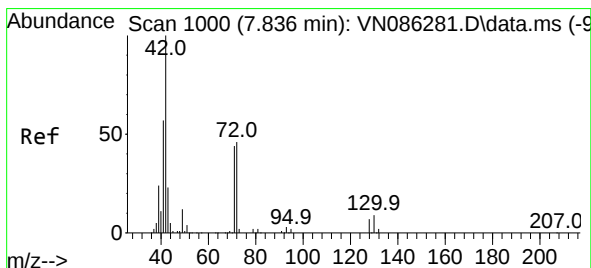
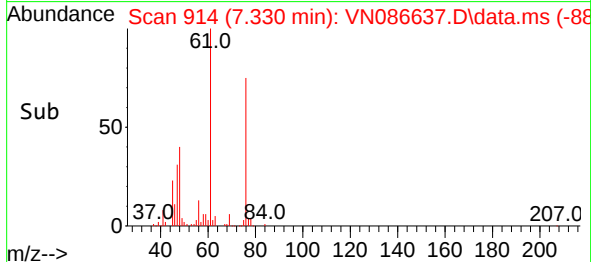
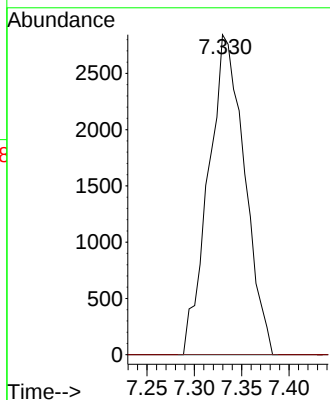
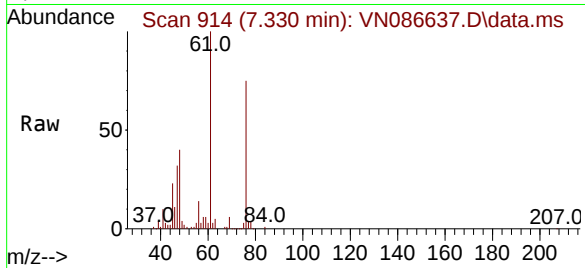




#26
2,2-Dichloropropane
Concen: 1.380 ug/l
RT: 7.330 min Scan# 91
Delta R.T. -0.153 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

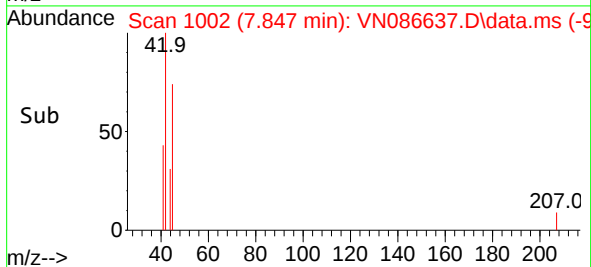
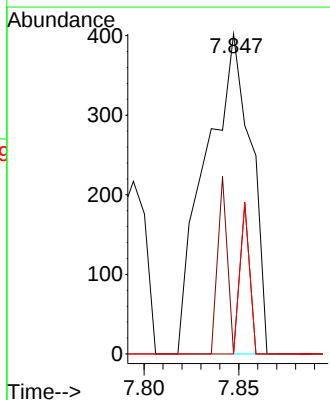
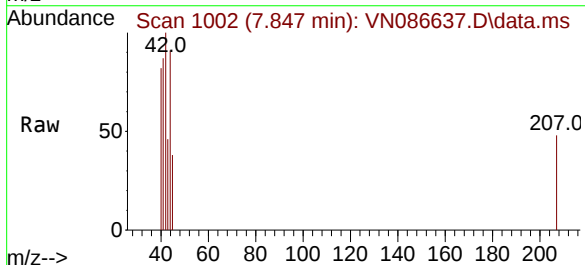
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

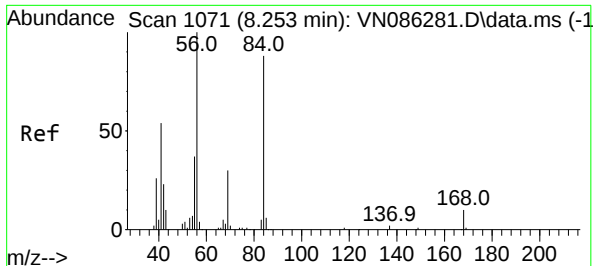
Tgt Ion: 77 Resp: 7533
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.5#



#29
Tetrahydrofuran
Concen: 0.435 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 42 Resp: 667
Ion Ratio Lower Upper
42 100
72 21.7 36.2 54.4#
71 0.0 34.0 51.0#

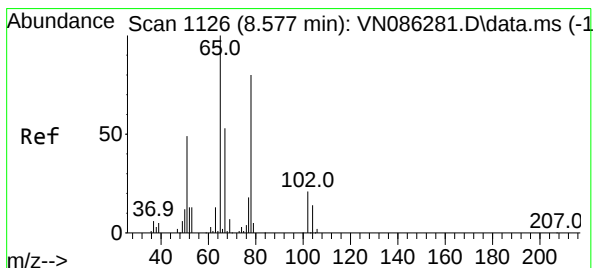
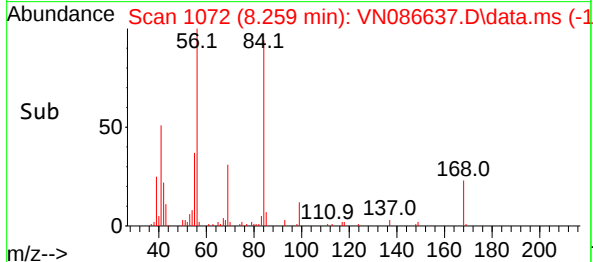
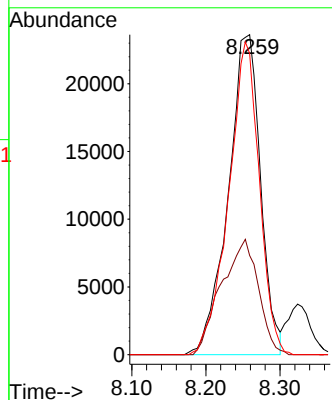
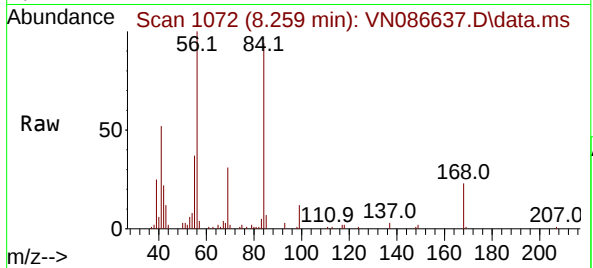




#31
Cyclohexane
Concen: 12.000 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

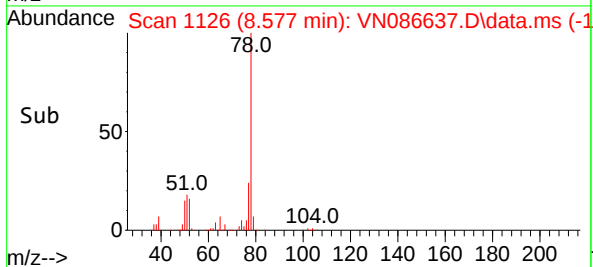
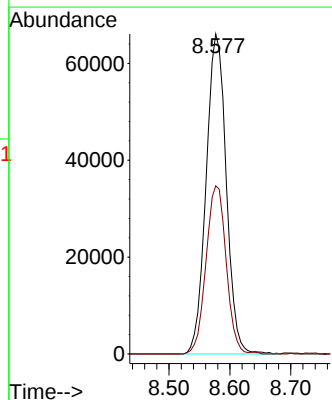
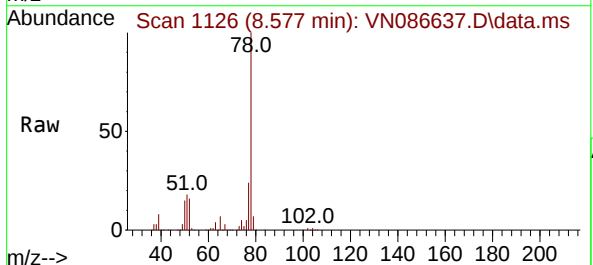
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

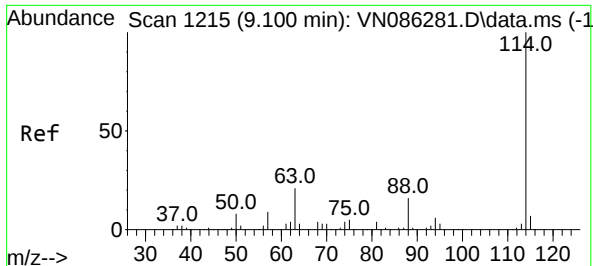
Tgt Ion: 56 Resp: 71604
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.2
84 94.2 70.3 105.5



#33
1,2-Dichloroethane-d4
Concen: 41.230 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 65 Resp: 151810
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0

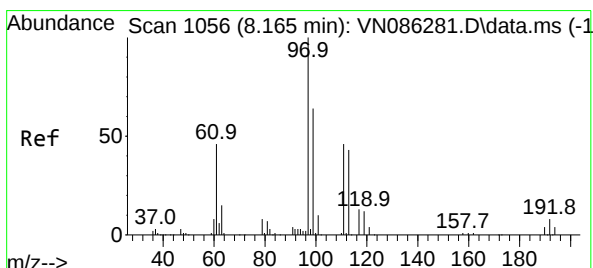
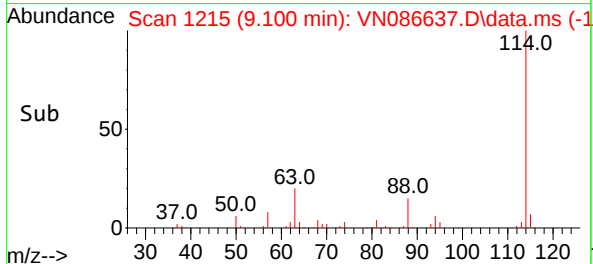
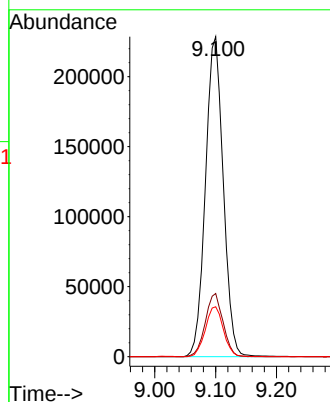
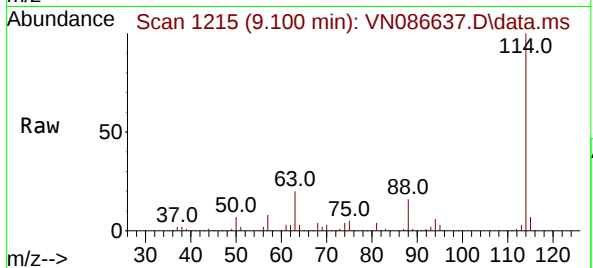




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

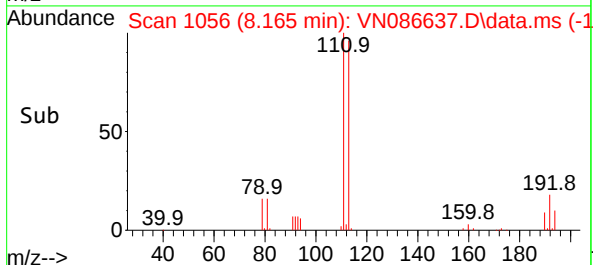
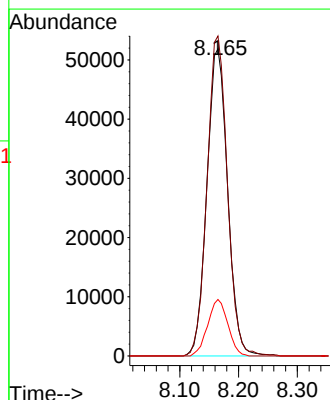
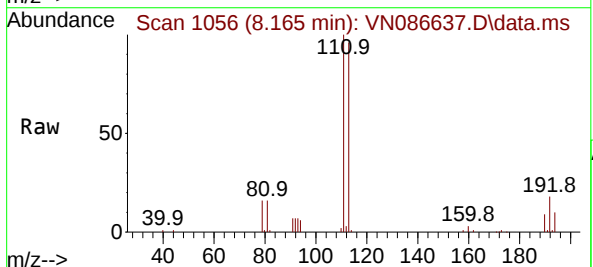
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

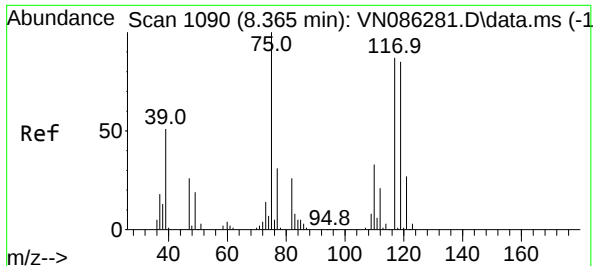
Tgt Ion:114 Resp: 463903
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.6
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.106 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion:113 Resp: 127258
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.0
192 17.9 13.7 20.5

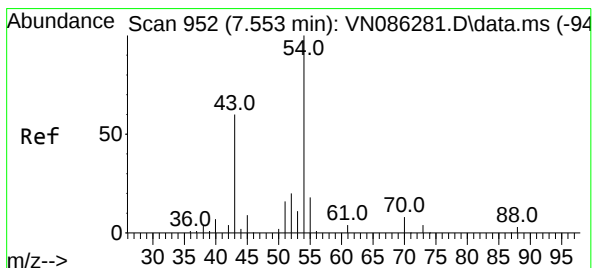
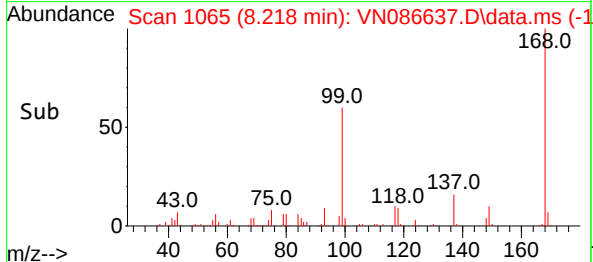
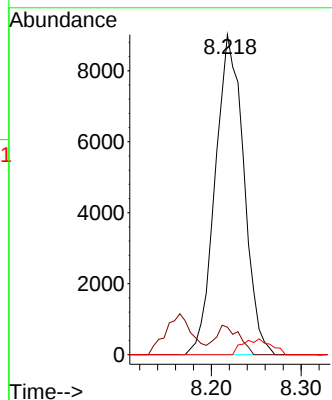
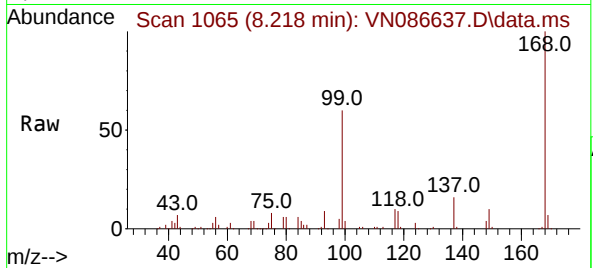




#36
1,1-Dichloropropene
Concen: 4.628 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

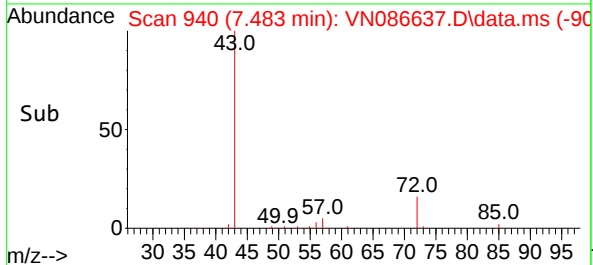
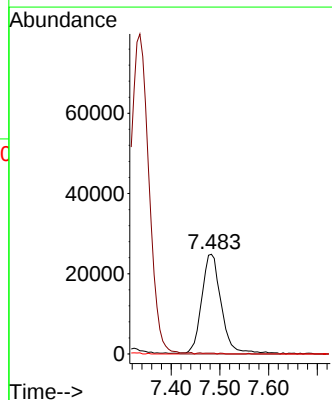
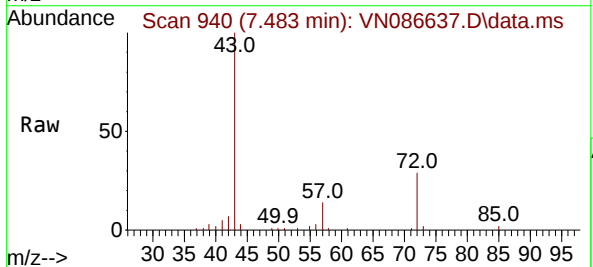
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

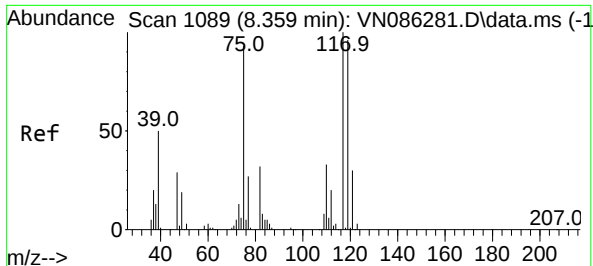
Tgt Ion: 75 Resp: 19903
Ion Ratio Lower Upper
75 100
110 7.6 16.8 50.4#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 15.380 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.071 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

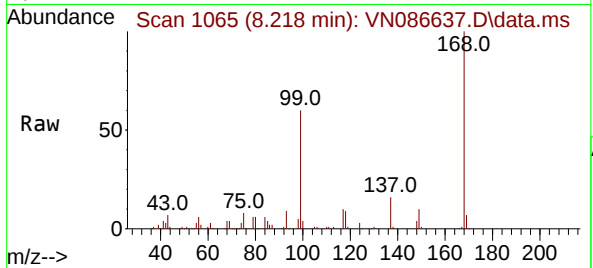
Tgt Ion: 43 Resp: 69631
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 9.2 13.8#



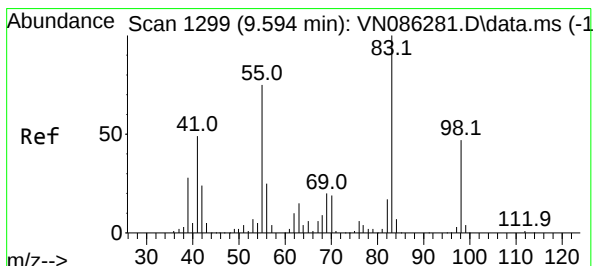
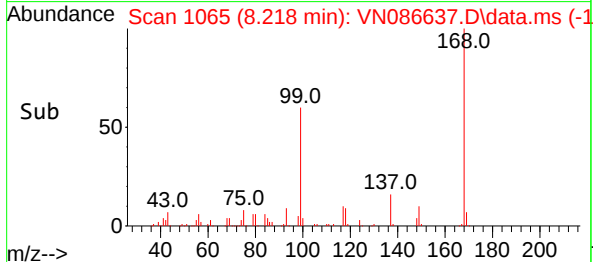
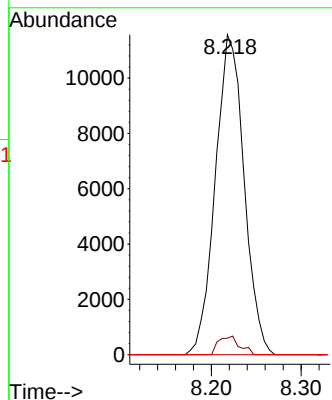


#38
Carbon Tetrachloride
Concen: 6.280 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

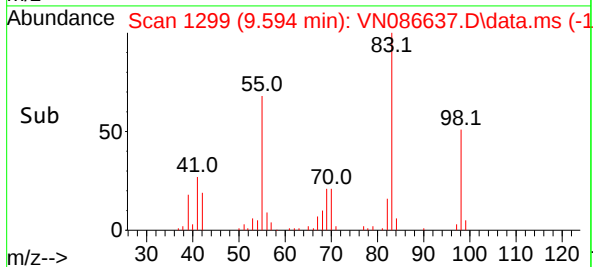
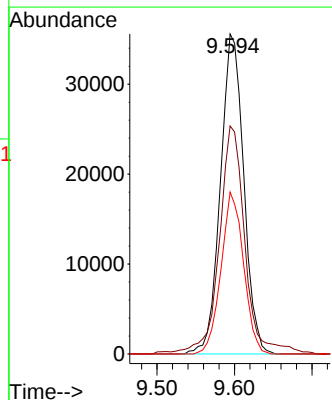
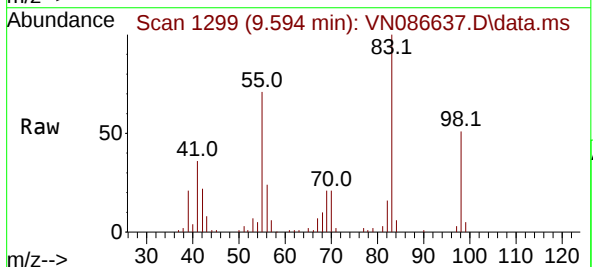


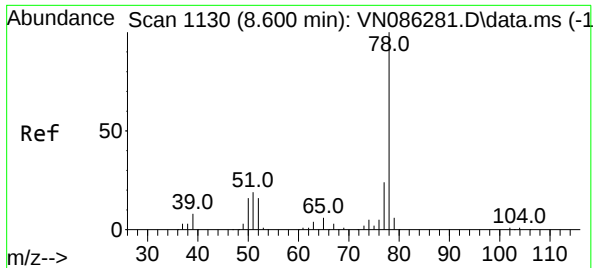
Tgt Ion:117 Resp: 25720
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 23.8 35.8#



#39
Methylcyclohexane
Concen: 14.549 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 83 Resp: 74364
Ion Ratio Lower Upper
83 100
55 70.0 59.8 89.8
98 50.6 37.9 56.9

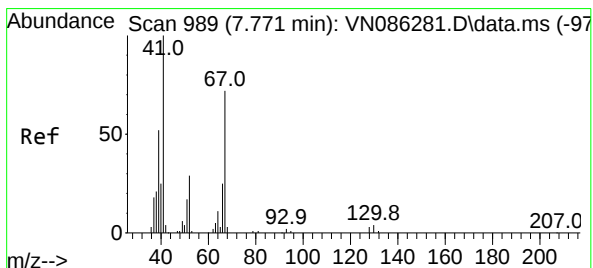
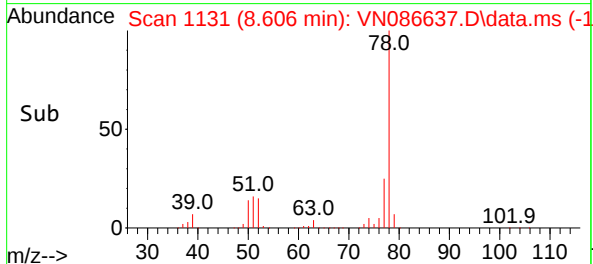
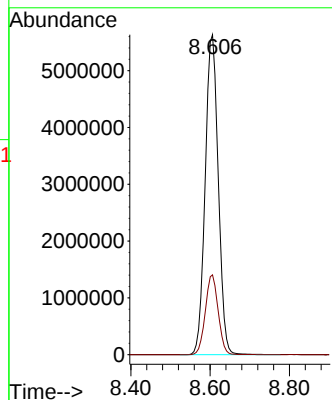
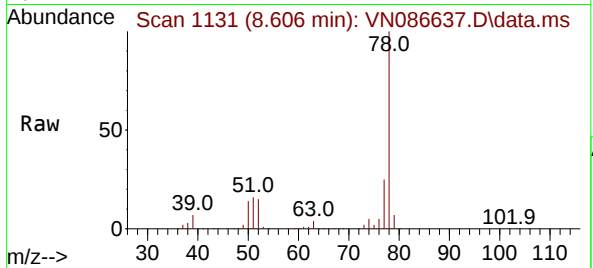




#40
Benzene
Concen: 936.411 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

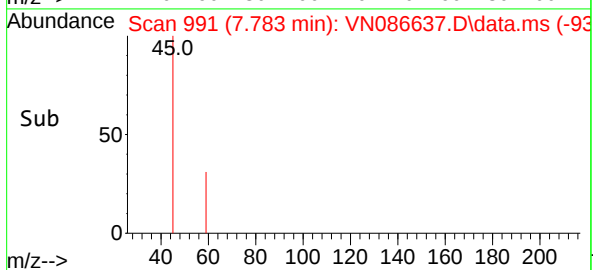
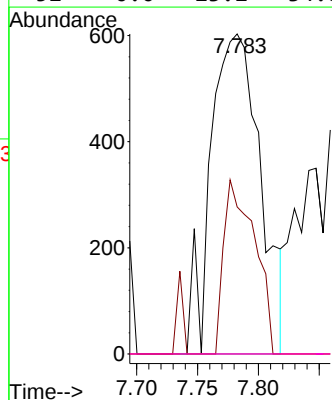
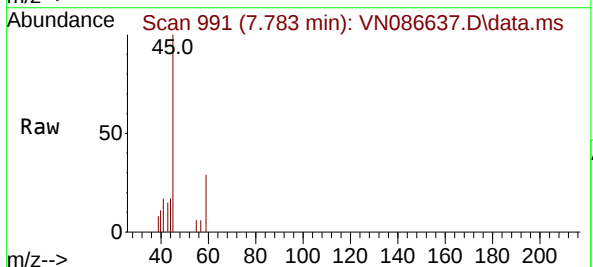
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

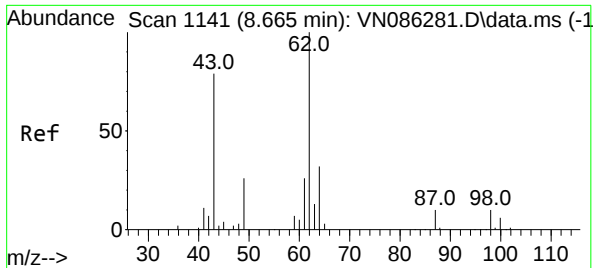
Tgt Ion: 78 Resp:12901915
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.2



#41
Methacrylonitrile
Concen: 0.654 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 41 Resp: 1715
Ion Ratio Lower Upper
41 100
39 34.0 43.0 64.4#
67 0.0 58.8 88.2#
52 0.0 23.2 34.8#

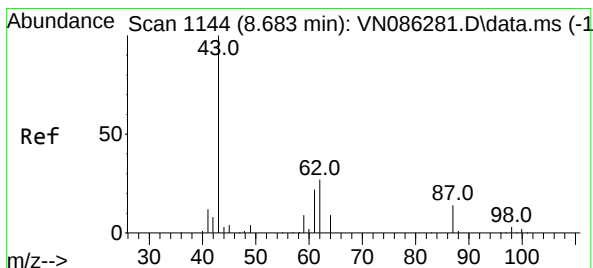
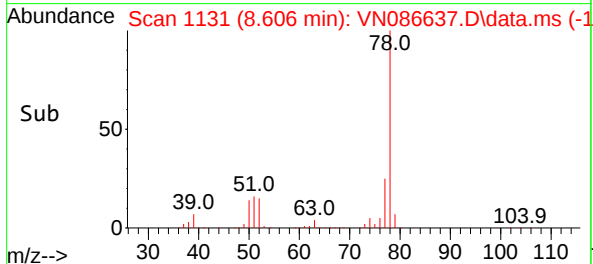
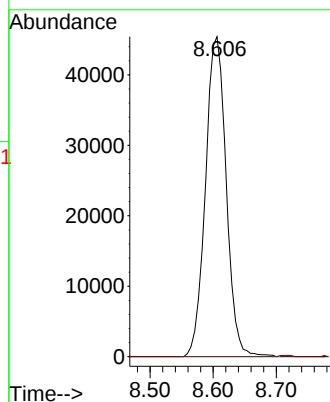
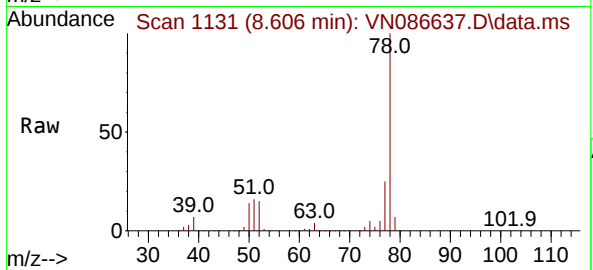




#42
1,2-Dichloroethane
Concen: 23.603 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.059 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

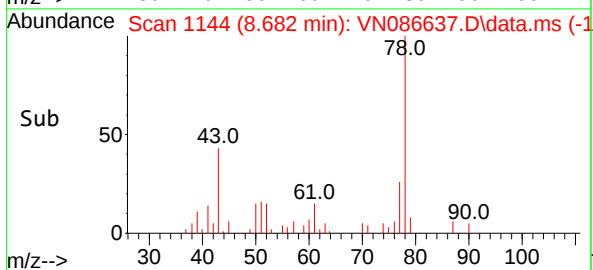
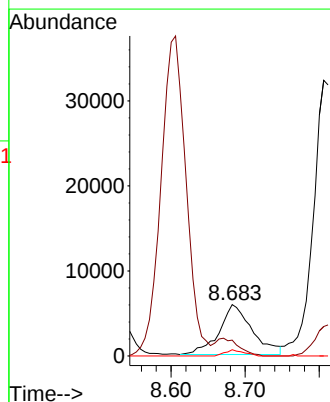
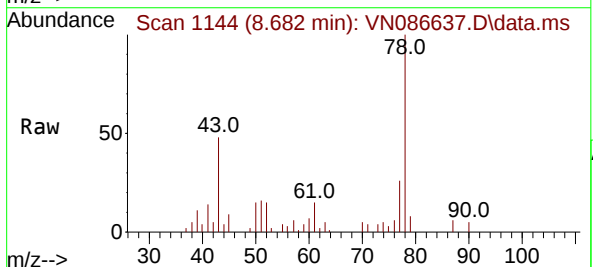
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

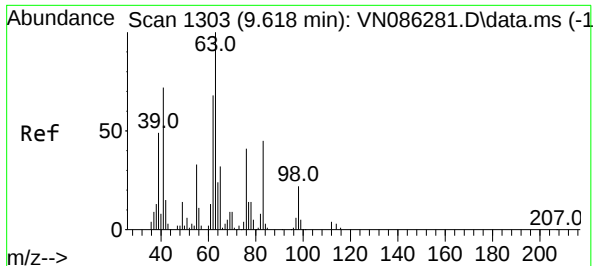
Tgt Ion: 62 Resp: 103707
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.2



#43
Isopropyl Acetate
Concen: 0.387 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 43 Resp: 18127
Ion Ratio Lower Upper
43 100
61 25.2 20.5 30.7
87 7.0 10.5 15.7#





#45

1,2-Dichloropropane

Concen: 0.730 ug/l

RT: 9.635 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN086637.D

Acq: 15 May 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

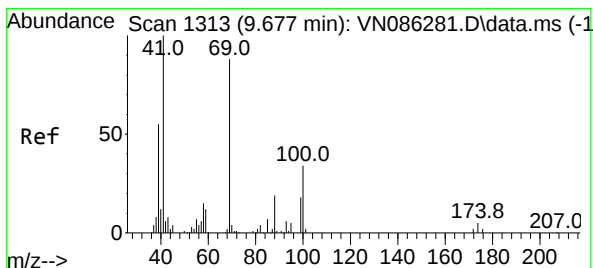
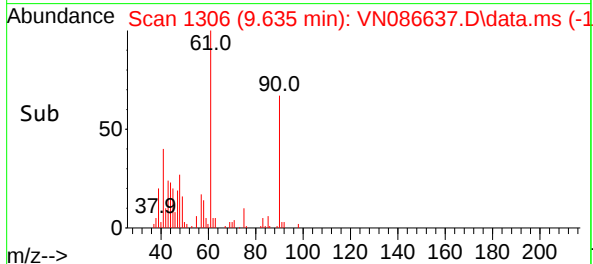
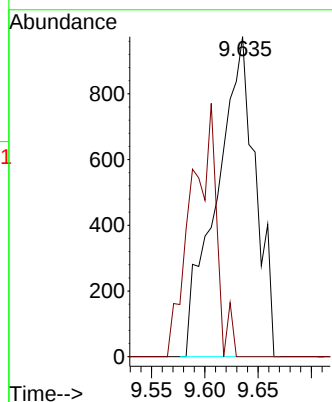
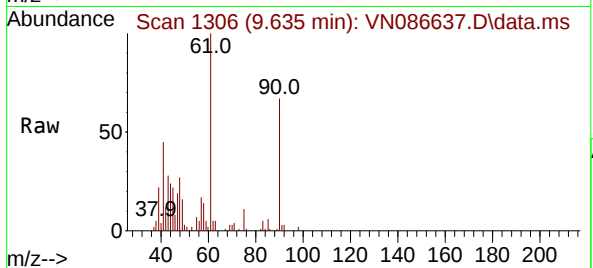
SILICA-GEL

Tgt Ion: 63 Resp: 2462

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#48

Methyl methacrylate

Concen: 1.329 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.065 min

Lab File: VN086637.D

Acq: 15 May 2025 11:58

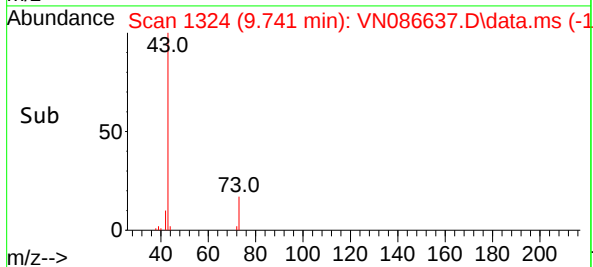
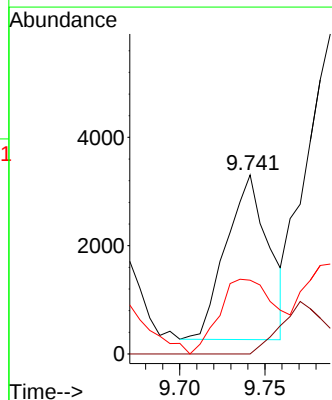
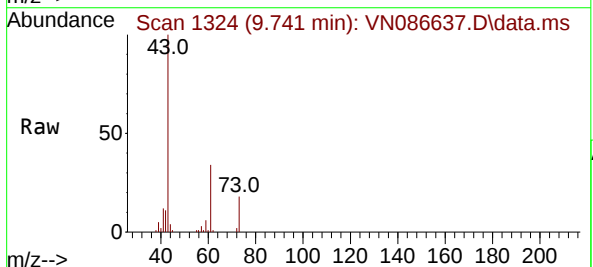
Tgt Ion: 41 Resp: 5282

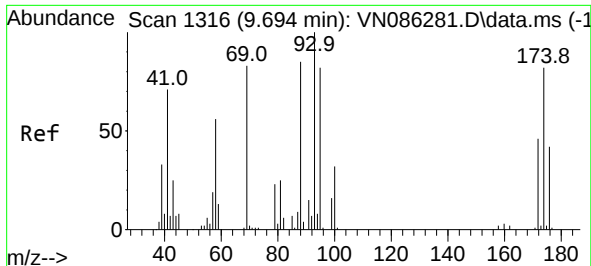
Ion Ratio Lower Upper

41 100

69 0.0 68.2 102.2#

39 61.4 45.2 67.8





#49

1,4-Dioxane

Concen: 17.315 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086637.D

Acq: 15 May 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

SILICA-GEL

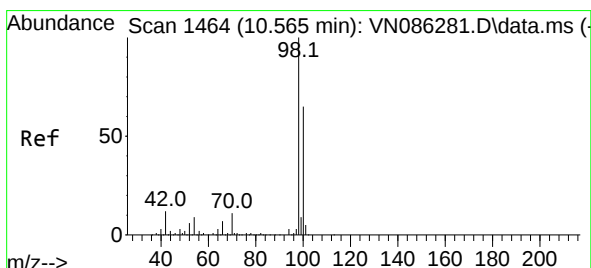
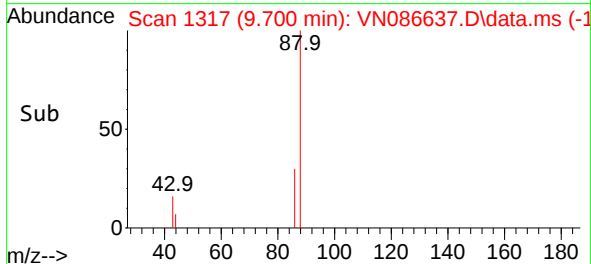
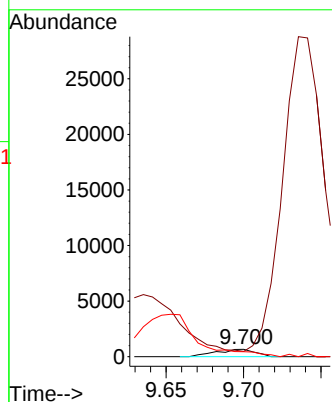
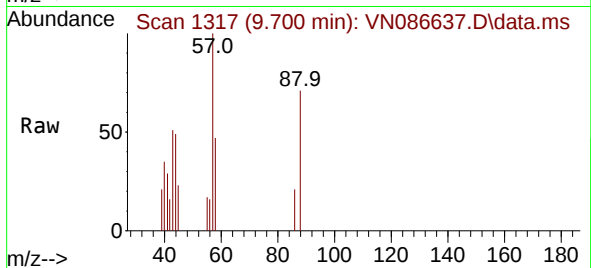
Tgt Ion: 88 Resp: 1171

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 57.4 86.2#



#50

Toluene-d8

Concen: 46.446 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086637.D

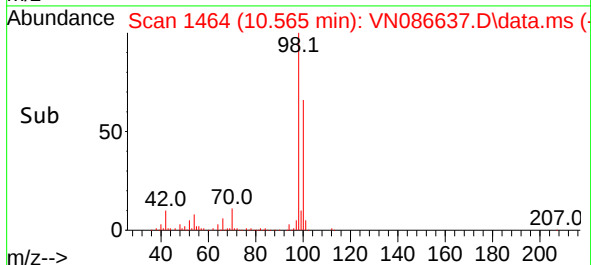
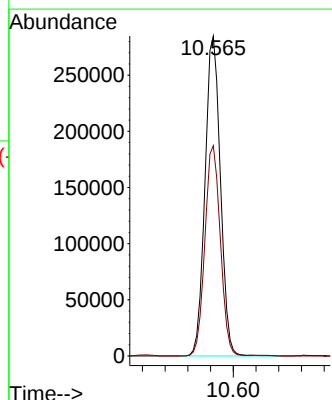
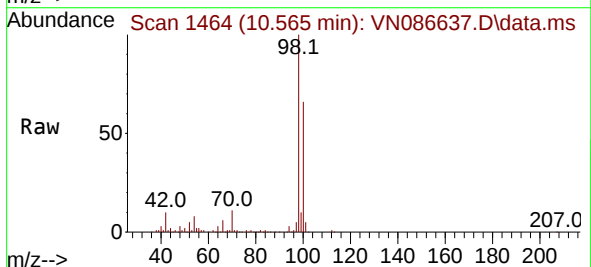
Acq: 15 May 2025 11:58

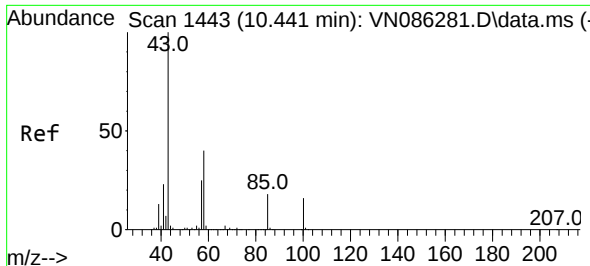
Tgt Ion: 98 Resp: 534452

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

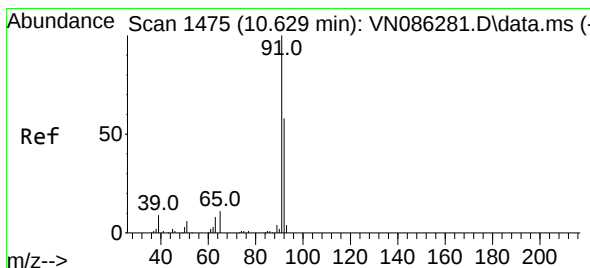
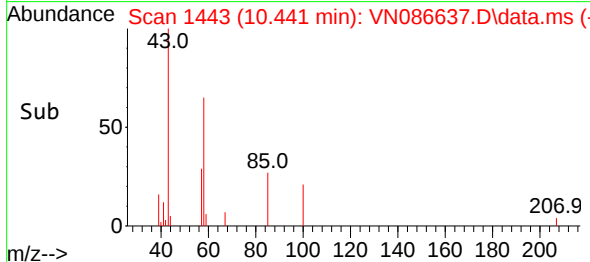
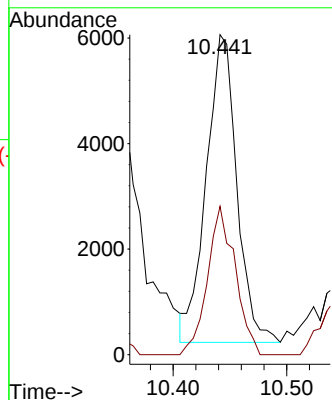
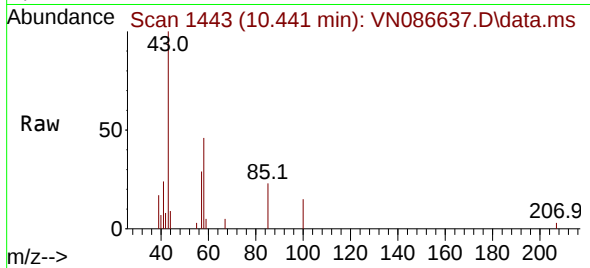




#51
4-Methyl-2-Pentanone
Concen: 2.350 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

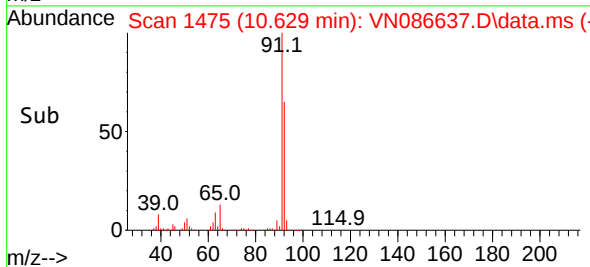
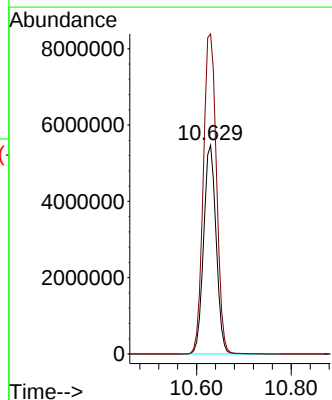
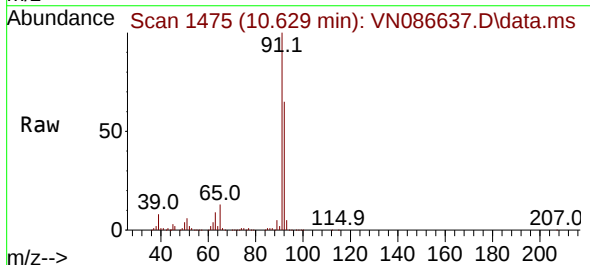
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

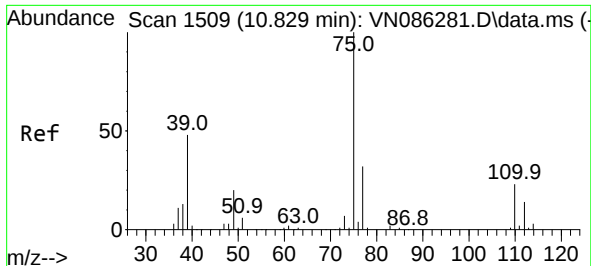
Tgt Ion: 43 Resp: 10895
Ion Ratio Lower Upper
43 100
58 43.8 32.2 48.4



#52
Toluene
Concen: 1158.863 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 92 Resp: 9962906
Ion Ratio Lower Upper
92 100
91 162.1 137.3 205.9

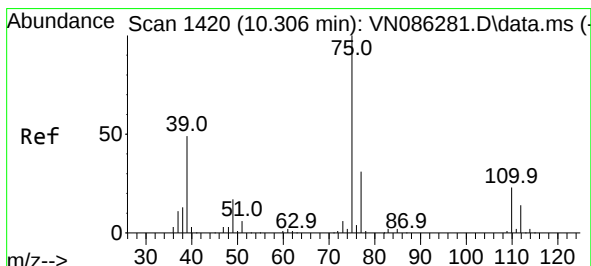
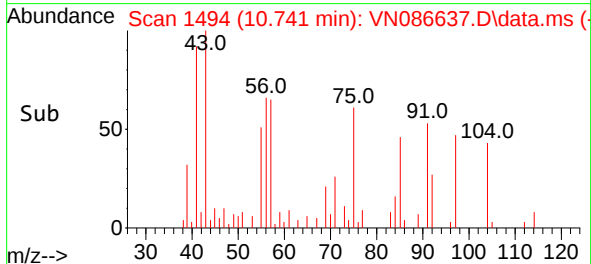
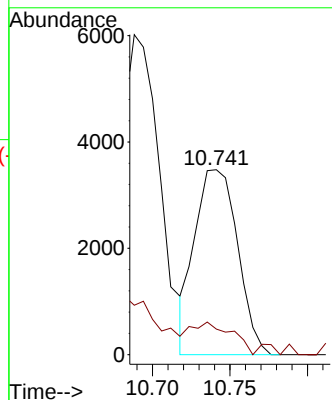
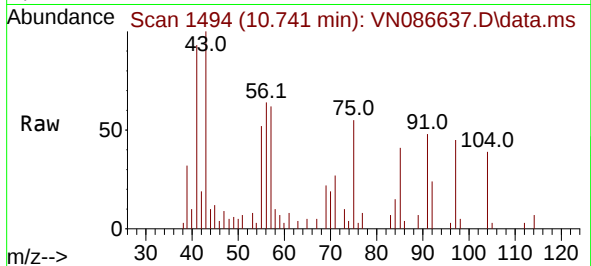




#53
 t-1,3-Dichloropropene
 Concen: 1.292 ug/l
 RT: 10.741 min Scan# 1416
 Delta R.T. -0.088 min
 Lab File: VN086637.D
 Acq: 15 May 2025 11:58

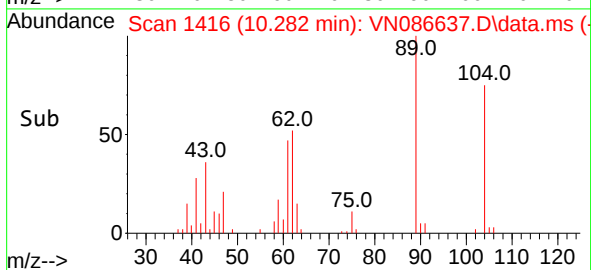
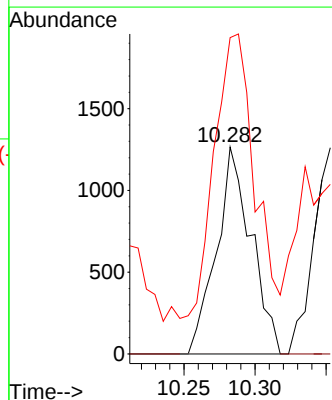
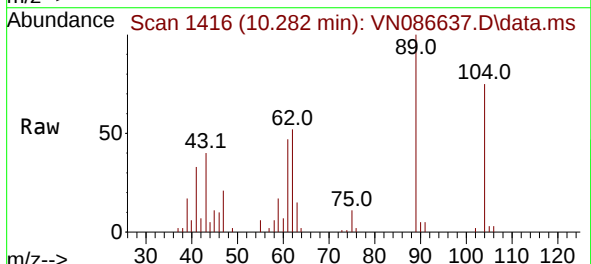
Instrument :
 MSVOA_N
 ClientSampleId :
 SILICA-GEL

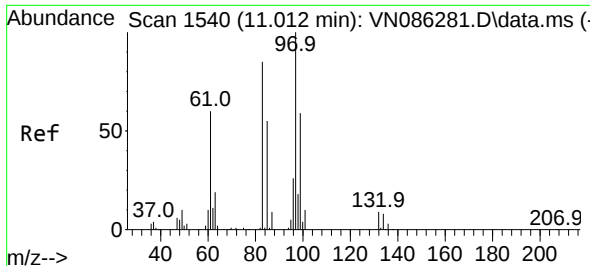
Tgt Ion: 75 Resp: 6695
 Ion Ratio Lower Upper
 75 100
 77 13.9 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 0.378 ug/l
 RT: 10.282 min Scan# 1416
 Delta R.T. -0.024 min
 Lab File: VN086637.D
 Acq: 15 May 2025 11:58

Tgt Ion: 75 Resp: 2149
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 135.8 39.3 58.9#

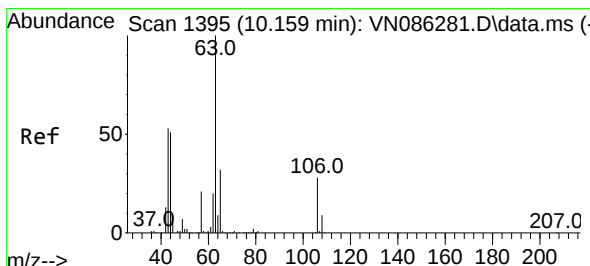
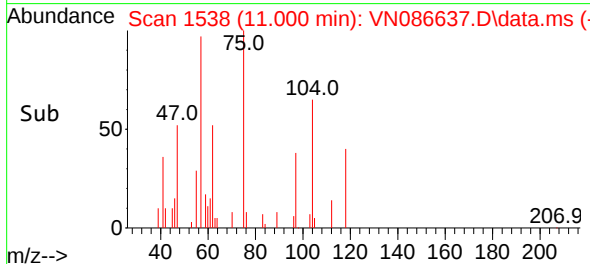
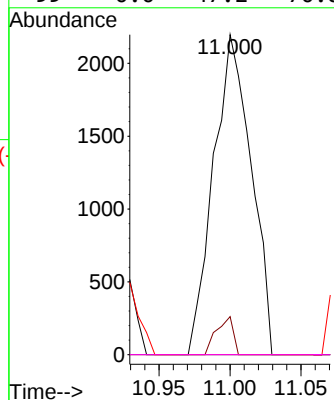
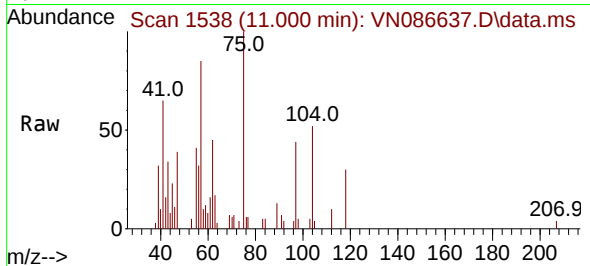




#55
1,1,2-Trichloroethane
Concen: 1.312 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

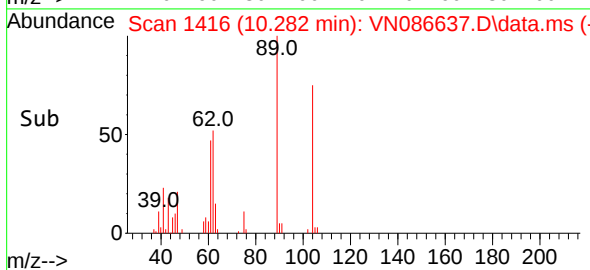
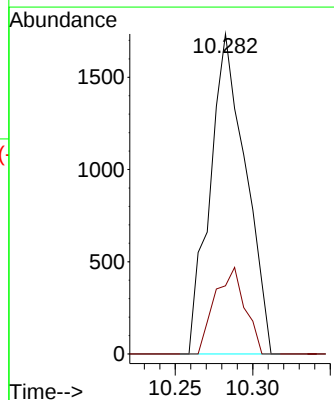
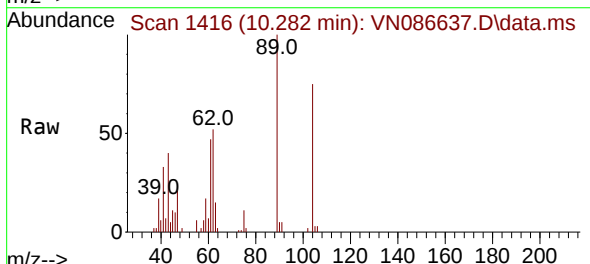
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

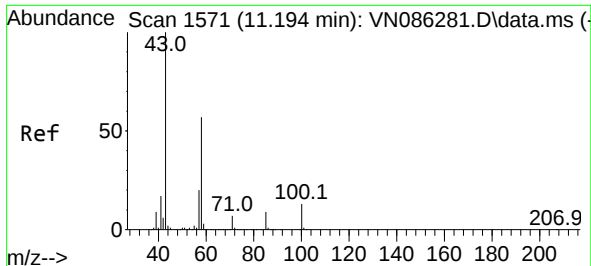
Tgt Ion: 97	Resp: 4059
Ion Ratio	Lower Upper
97 100	
83 11.9	68.4 102.6#
85 0.0	43.9 65.9#
99 0.0	47.2 70.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.029 ug/l
RT: 10.282 min Scan# 1416
Delta R.T. 0.124 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 63	Resp: 2776
Ion Ratio	Lower Upper
63 100	
106 22.8	22.2 33.2

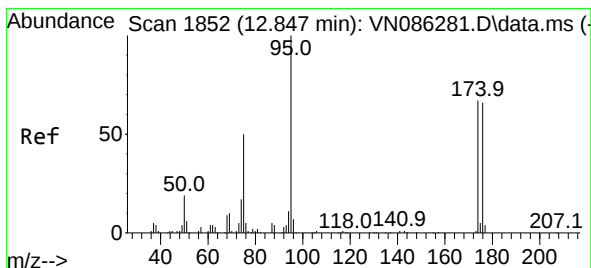
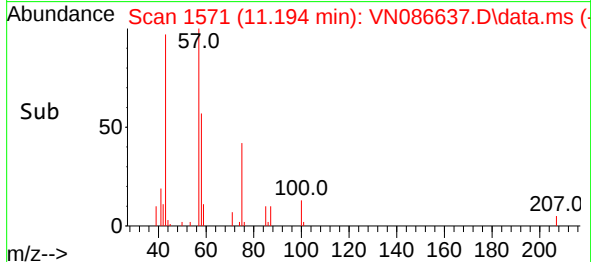
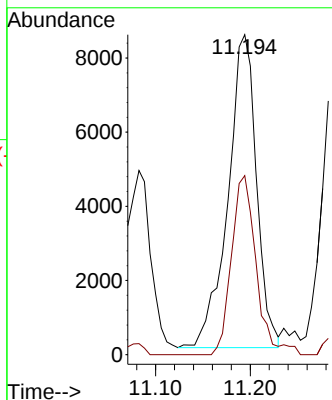
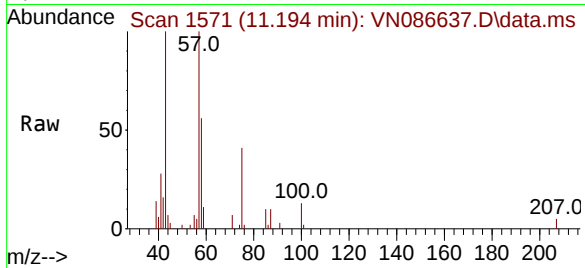




#59
2-Hexanone
Concen: 5.145 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

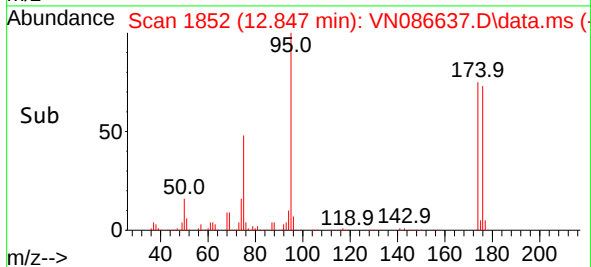
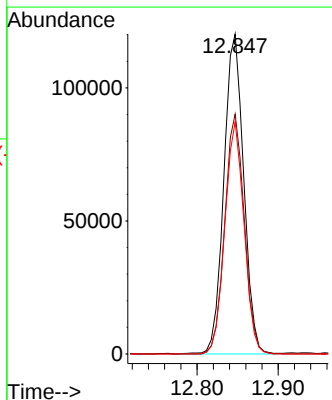
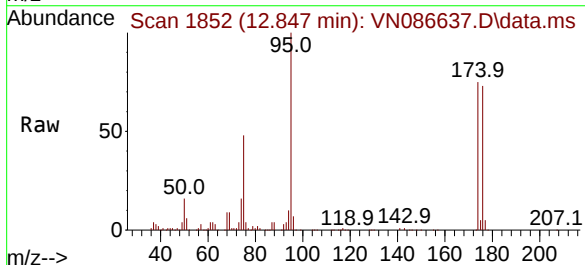
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

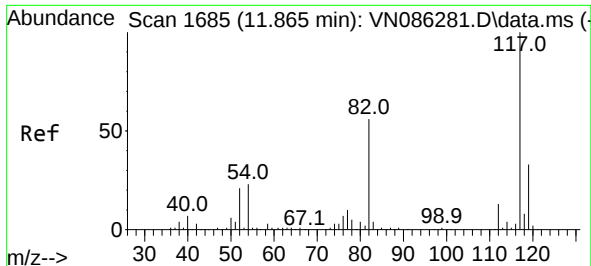
Tgt Ion: 43 Resp: 17692
Ion Ratio Lower Upper
43 100
58 49.4 28.3 85.0



#62
4-Bromofluorobenzene
Concen: 48.591 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 95 Resp: 203939
Ion Ratio Lower Upper
95 100
174 73.8 0.0 133.4
176 70.2 0.0 129.2

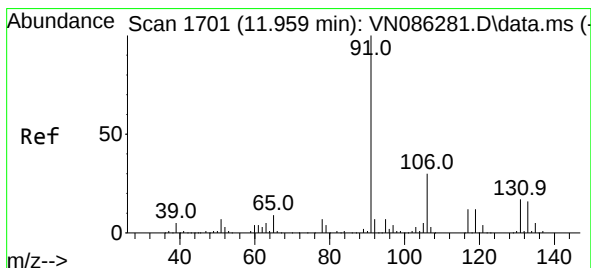
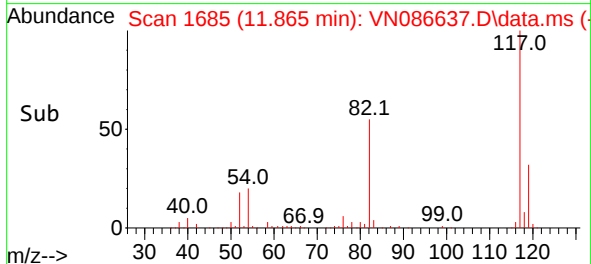
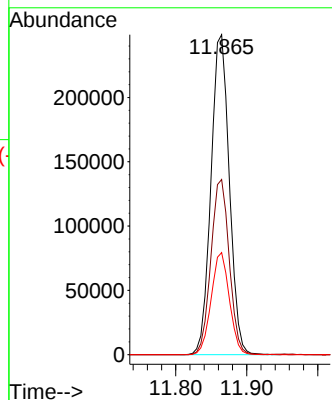
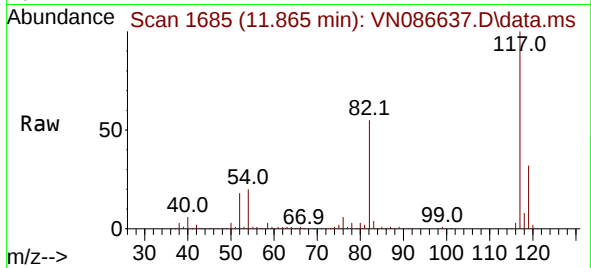




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

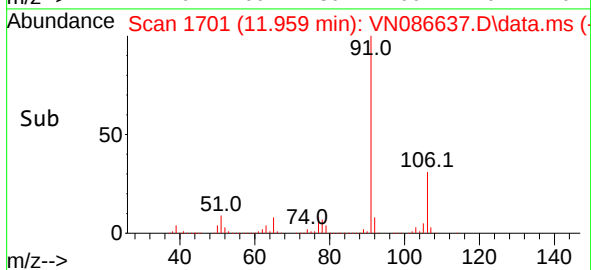
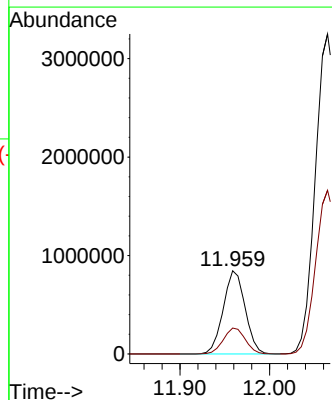
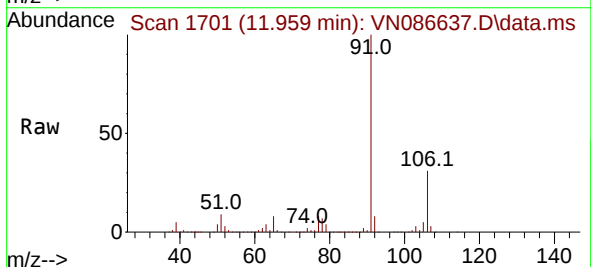
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

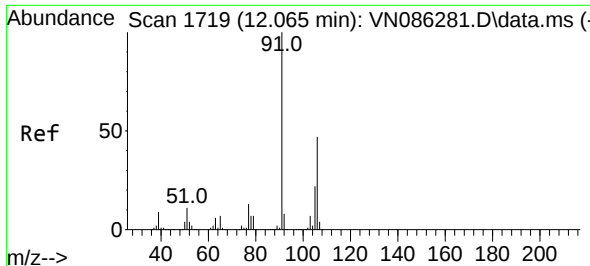
Tgt Ion:117 Resp: 445563
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 31.9 26.4 39.6



#67
Ethyl Benzene
Concen: 79.576 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 91 Resp: 1427851
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5

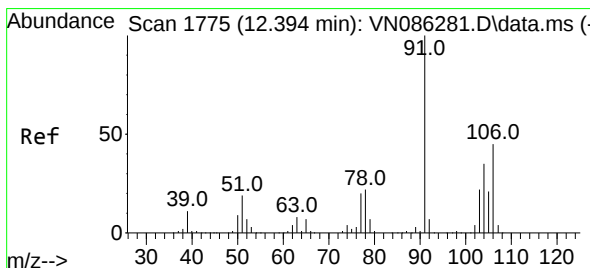
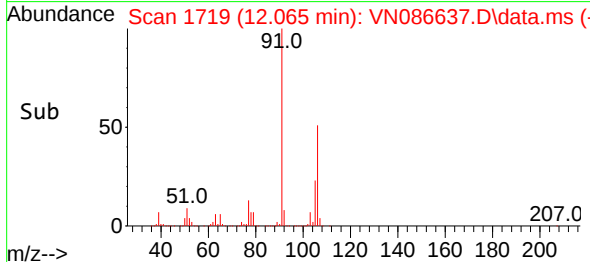
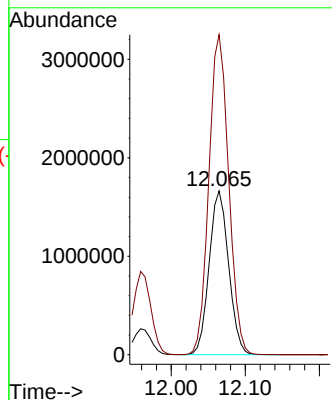
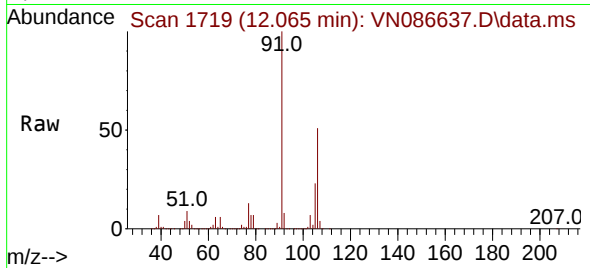




#68
m/p-Xylenes
Concen: 451.616 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

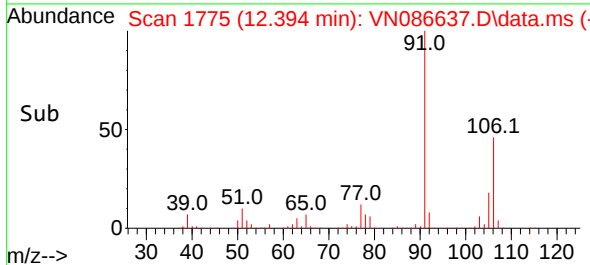
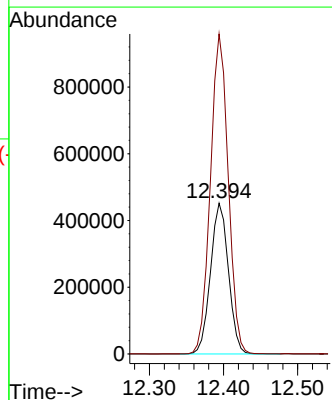
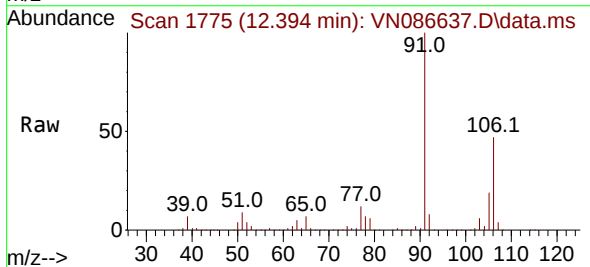
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

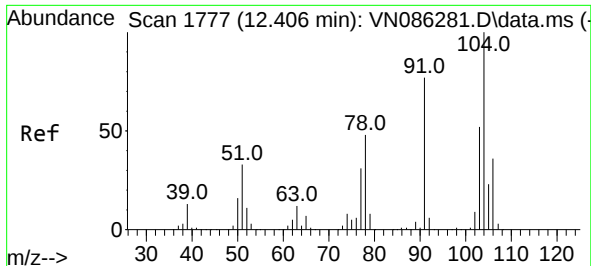
Tgt Ion:106 Resp: 3036335
Ion Ratio Lower Upper
106 100
91 198.6 166.5 249.7



#69
o-Xylene
Concen: 114.173 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion:106 Resp: 759129
Ion Ratio Lower Upper
106 100
91 211.0 109.7 329.0

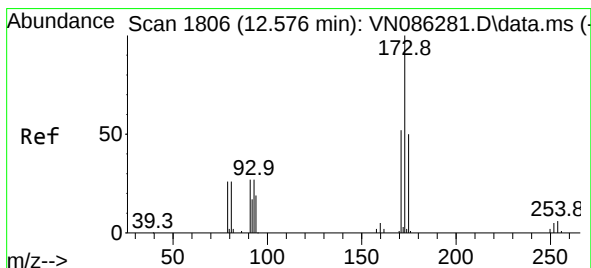
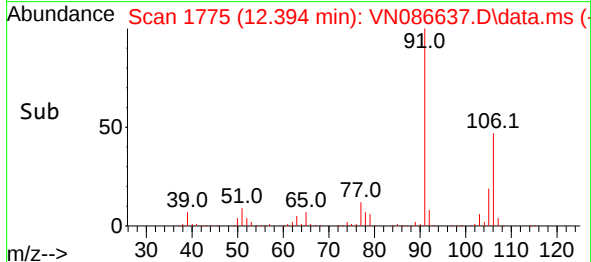
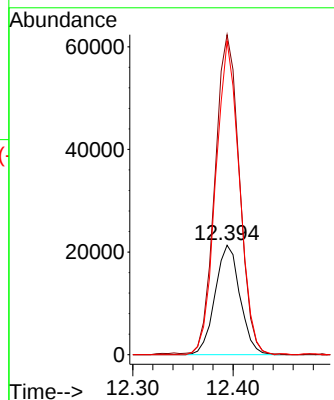
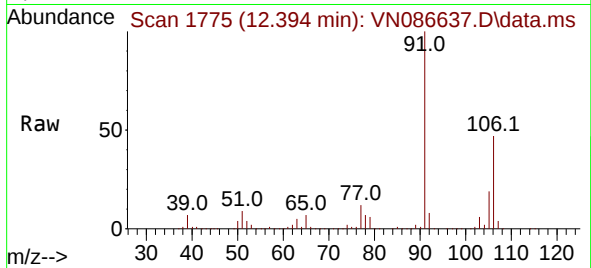




#70
Styrene
Concen: 3.323 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

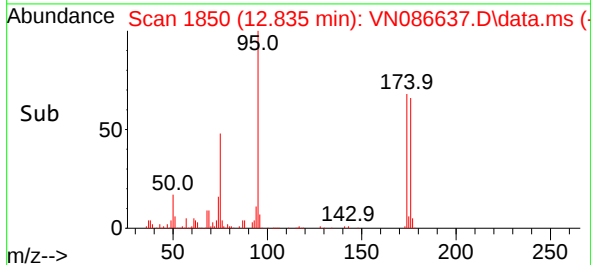
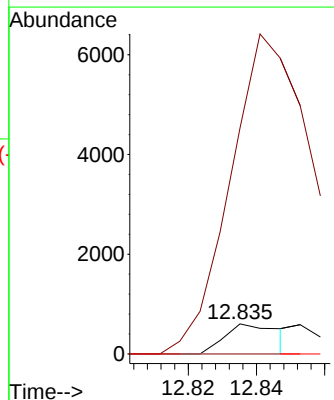
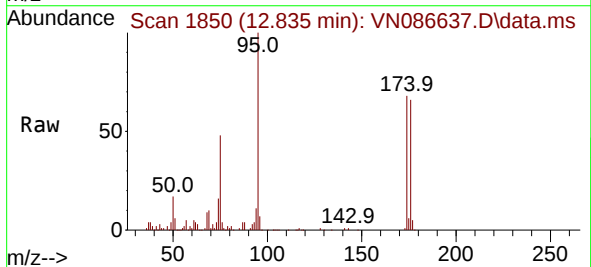
Instrument :
MSVOA_N
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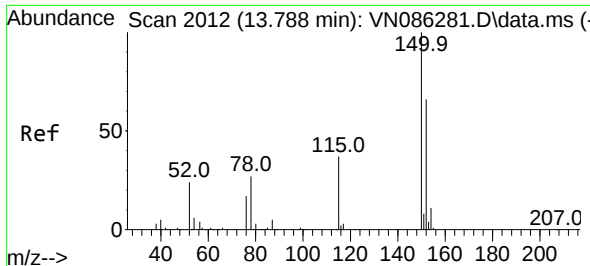
Tgt Ion:104 Resp: 36812
Ion Ratio Lower Upper
104 100
78 287.6 40.6 61.0#
103 273.7 43.6 65.4#



#71
Bromoform
Concen: 0.270 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.259 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion:173 Resp: 667
Ion Ratio Lower Upper
173 100
175 1344.5 24.6 73.6#
254 0.0 0.0 0.0

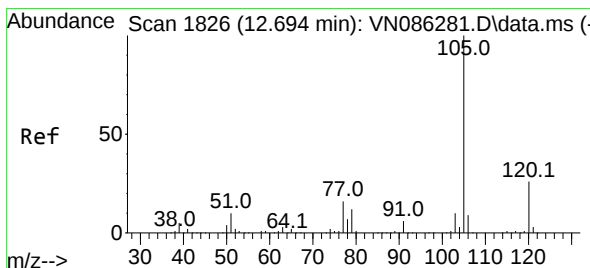
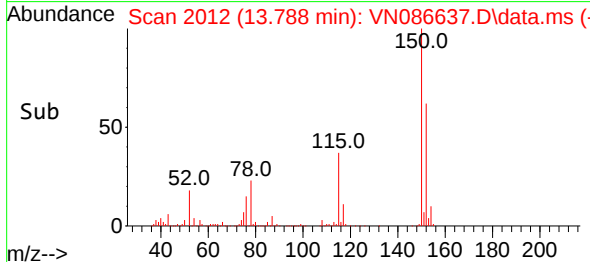
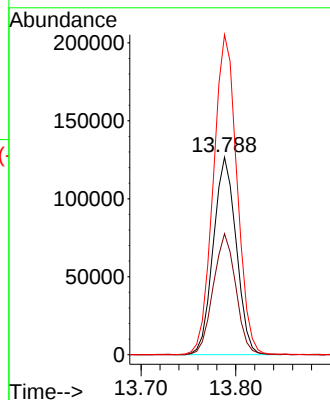
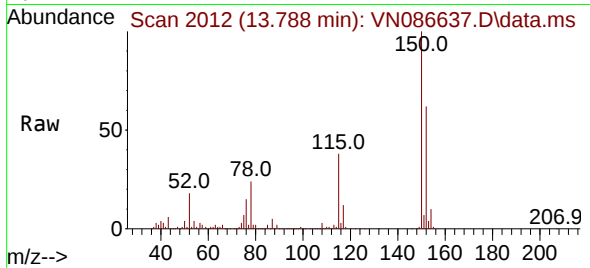




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

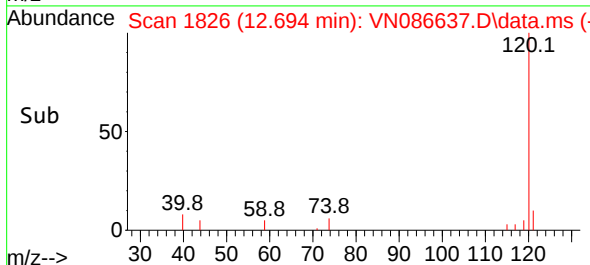
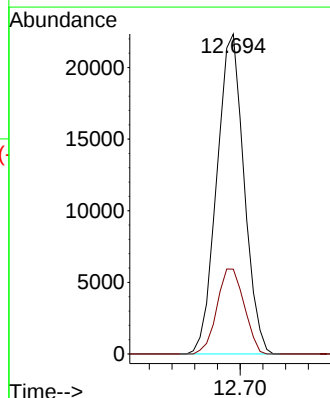
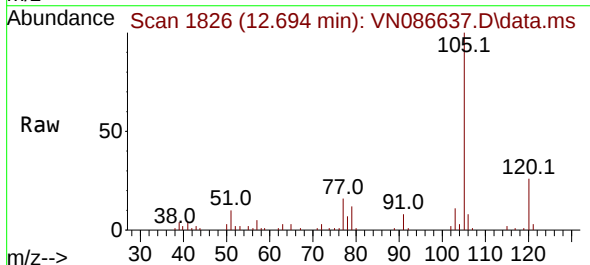
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

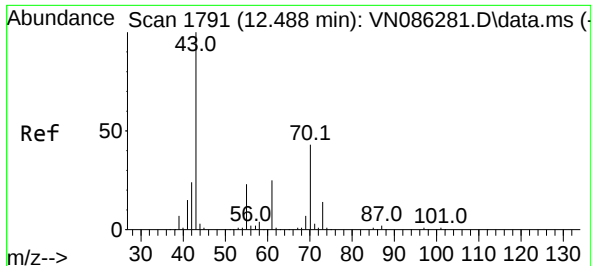
Tgt Ion:152 Resp: 212682
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.9
150 167.6 0.0 352.0



#73
Isopropylbenzene
Concen: 2.137 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion:105 Resp: 37182
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

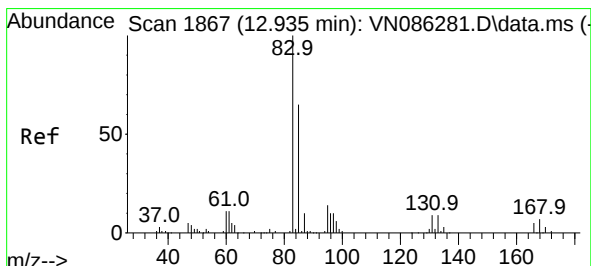
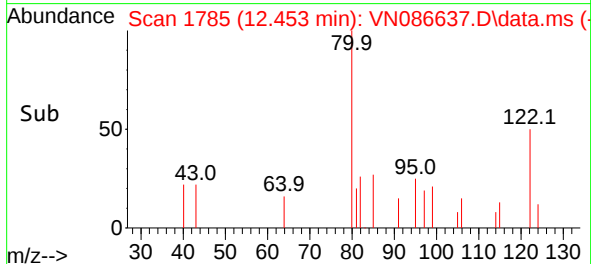
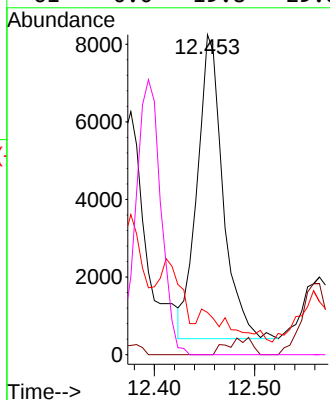
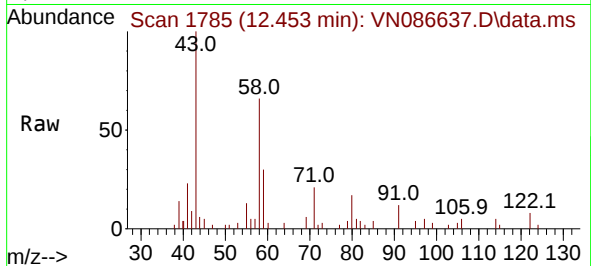




#74
N-amy1 acetate
Concen: 1.615 ug/l
RT: 12.453 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

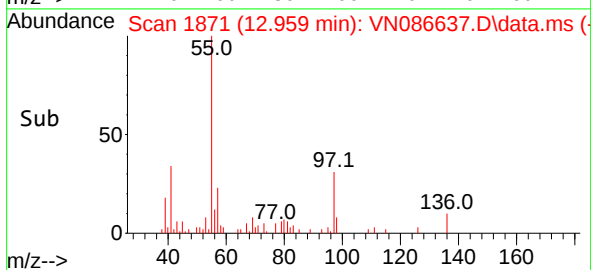
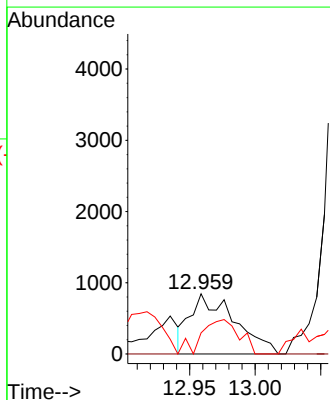
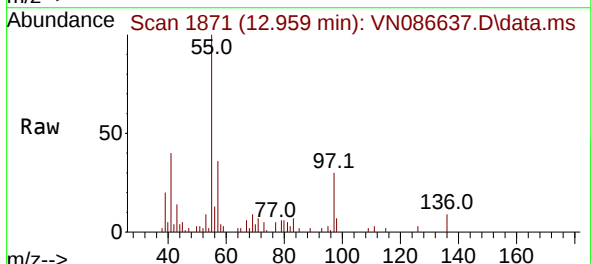
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

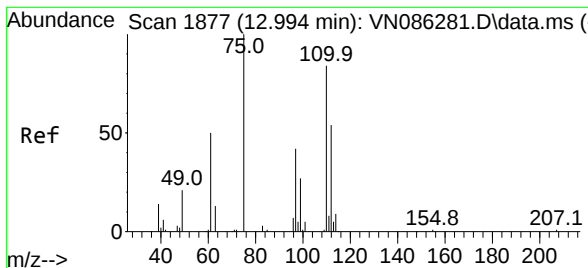
Tgt Ion: 43	Resp: 13989
Ion Ratio	Lower Upper
43 100	
70 0.0	35.0 52.4#
55 12.6	19.0 28.4#
61 0.0	19.8 29.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.399 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.024 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 83	Resp: 1995
Ion Ratio	Lower Upper
83 100	
131 0.0	4.7 14.1#
85 0.0	32.7 98.1#

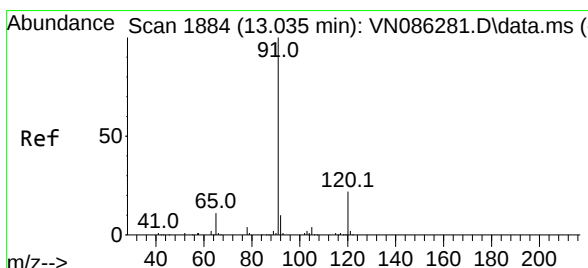
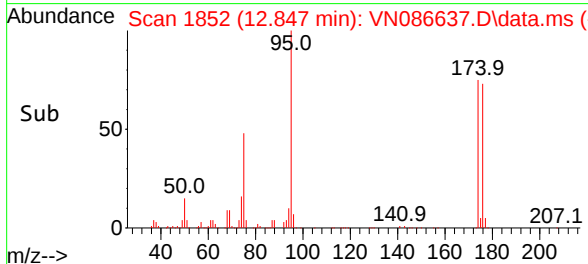
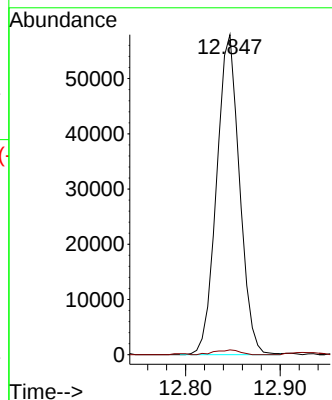
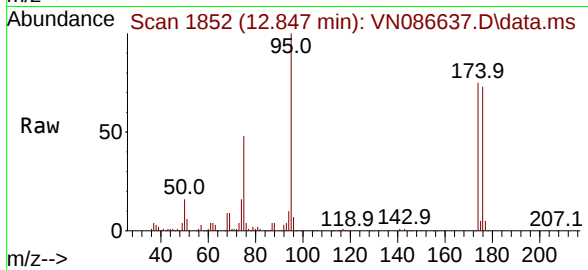




#76
1,2,3-Trichloropropane
Concen: 19.401 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

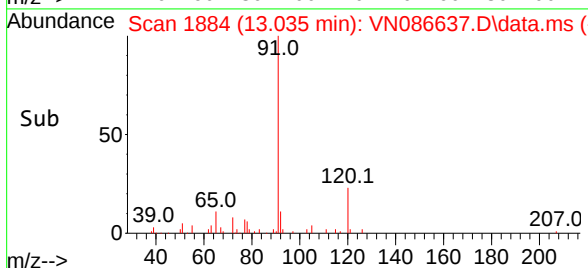
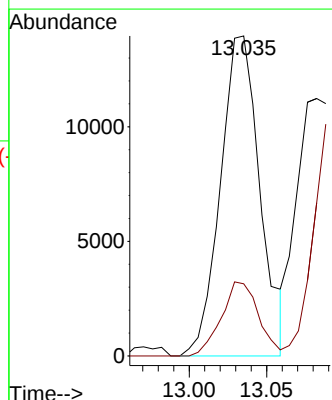
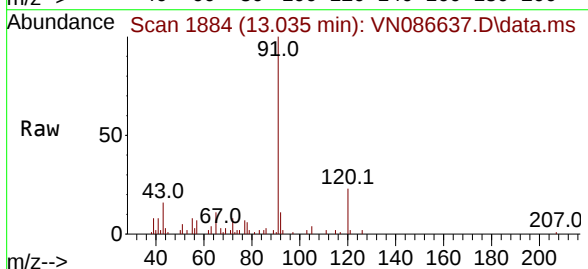
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

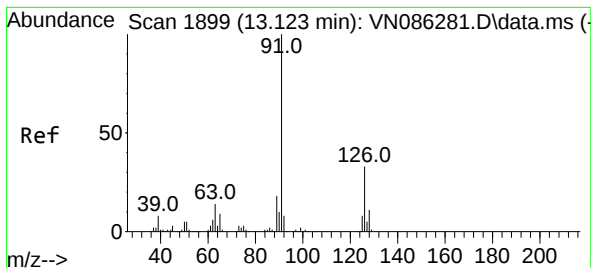
Tgt Ion: 75 Resp: 97373
Ion Ratio Lower Upper
75 100
77 1.6 98.8 296.4#



#78
n-propylbenzene
Concen: 1.208 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 91 Resp: 24771
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.3

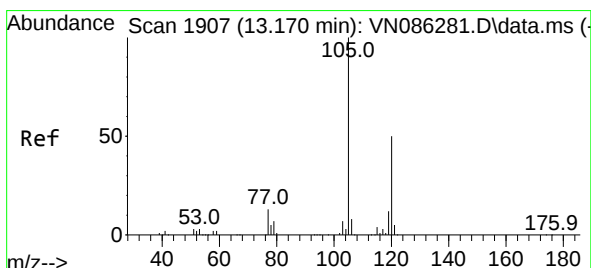
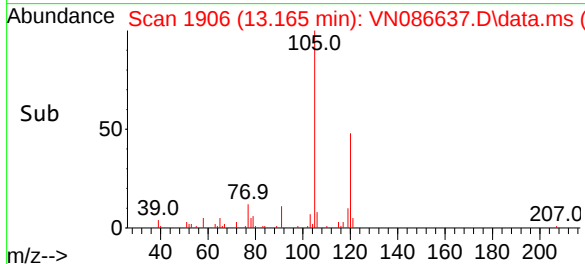
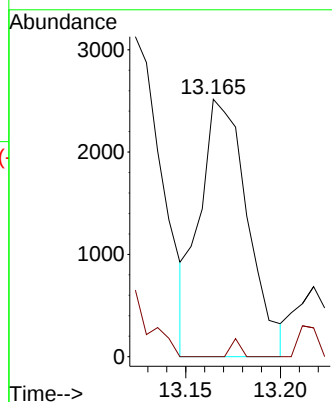
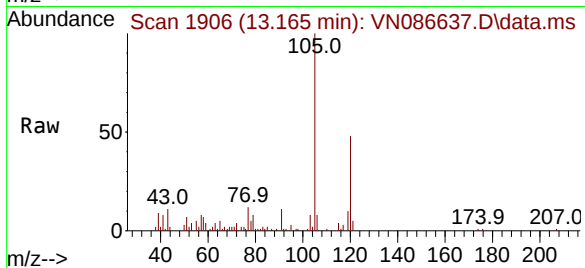




#79
2-Chlorotoluene
Concen: 0.345 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. 0.041 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

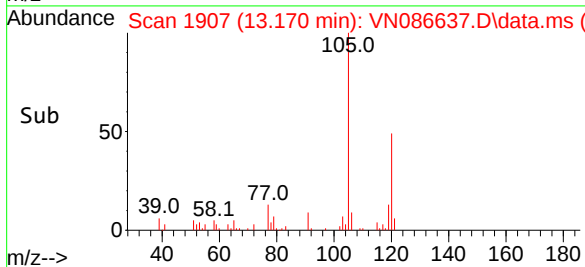
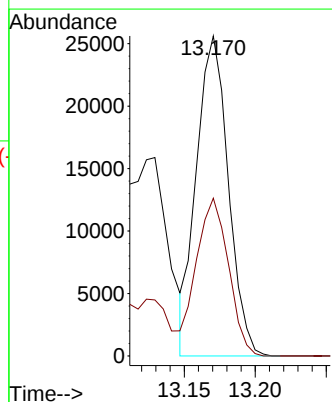
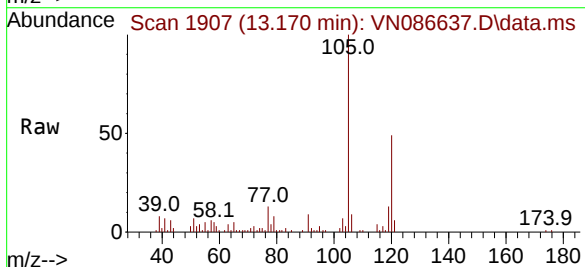
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

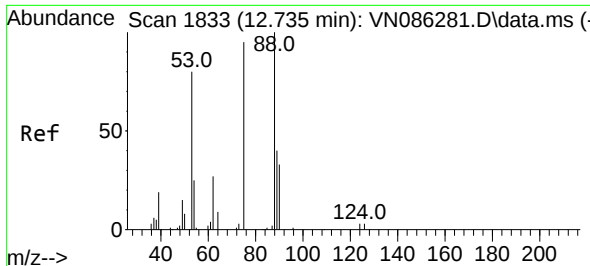
Tgt Ion: 91 Resp: 4429
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.2#



#80
1,3,5-Trimethylbenzene
Concen: 2.800 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 105 Resp: 39866
Ion Ratio Lower Upper
105 100
120 51.4 24.5 73.5

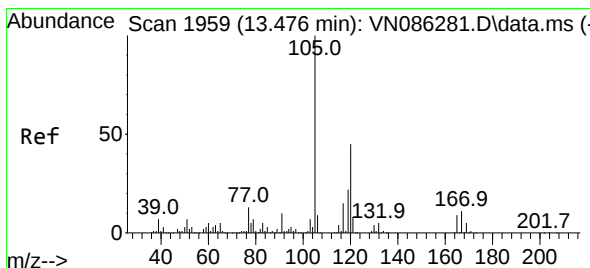
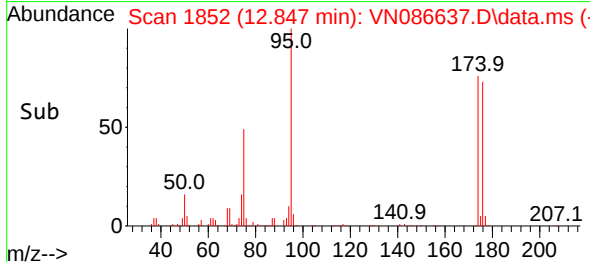
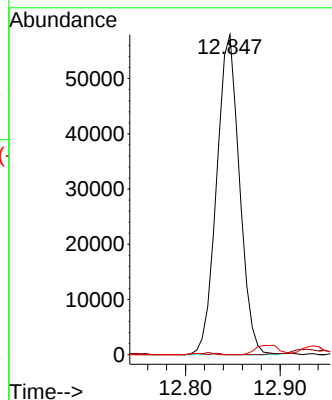
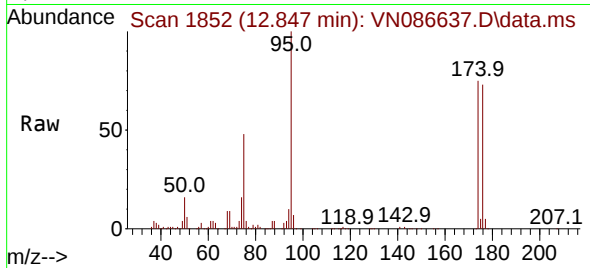




#81
trans-1,4-Dichloro-2-butene
Concen: 46.594 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

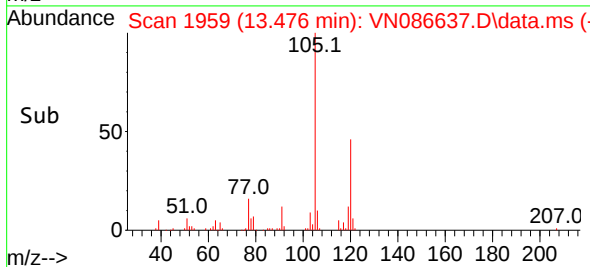
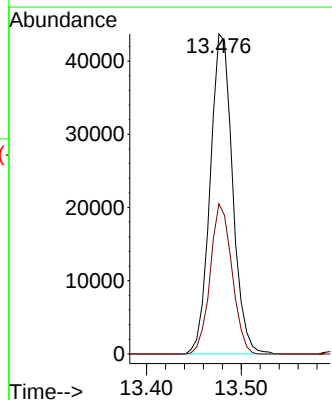
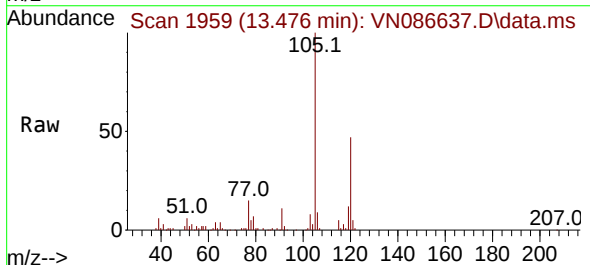
Instrument :
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ClientSampleId :
SILICA-GEL

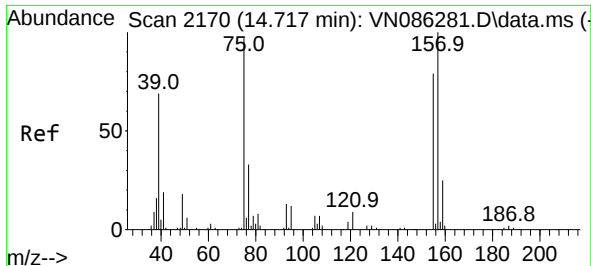
Tgt Ion: 75 Resp: 97373
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 4.959 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Tgt Ion: 105 Resp: 71872
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3

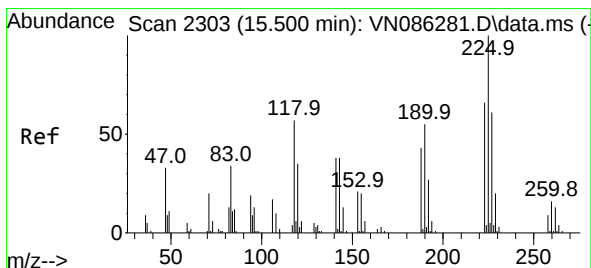
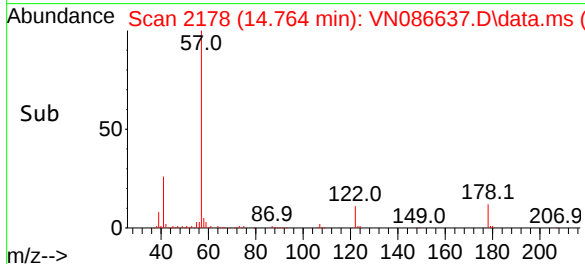
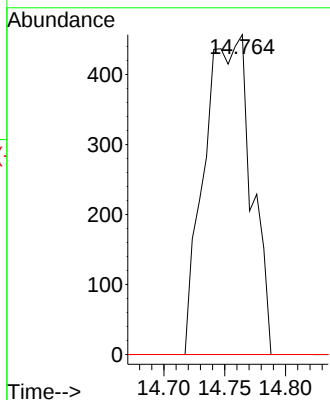
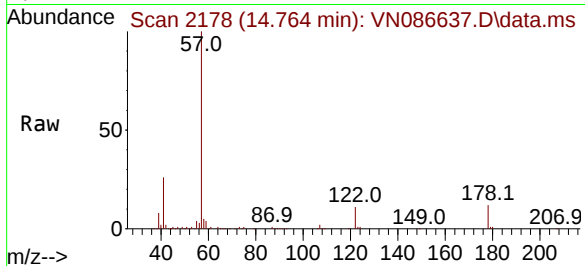




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.203 ug/l
 RT: 14.764 min Scan# 2170
 Delta R.T. 0.047 min
 Lab File: VN086637.D
 Acq: 15 May 2025 11:58

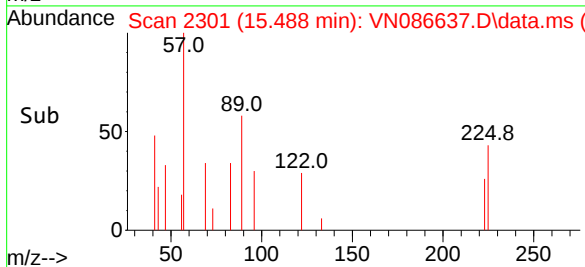
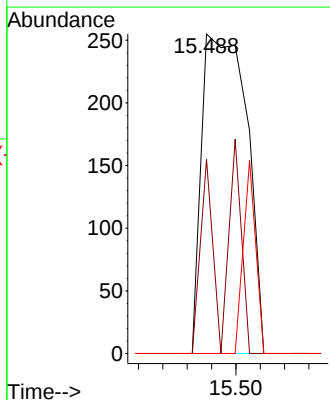
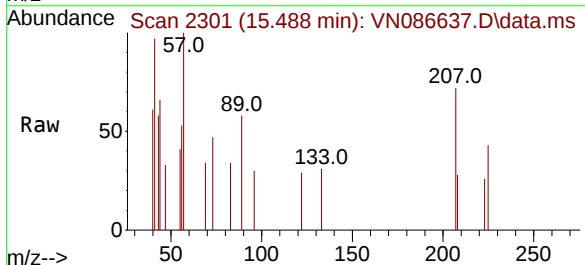
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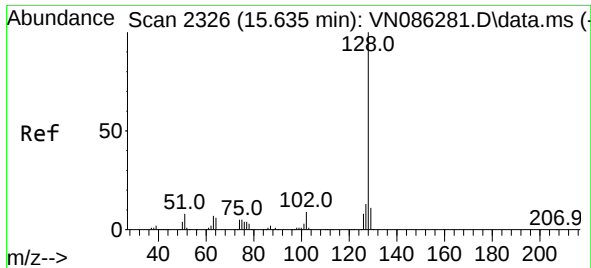
Tgt Ion: 75 Resp: 1213
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.3 120.9#
 157 0.0 49.0 147.2#



#94
 Hexachlorobutadiene
 Concen: 0.257 ug/l
 RT: 15.488 min Scan# 2301
 Delta R.T. -0.012 min
 Lab File: VN086637.D
 Acq: 15 May 2025 11:58

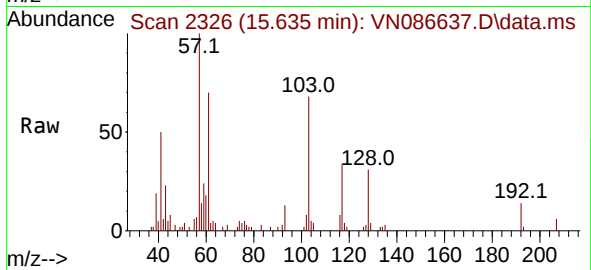
Tgt Ion: 225 Resp: 326
 Ion Ratio Lower Upper
 225 100
 223 35.3 32.8 98.3
 227 16.6 31.4 94.0#





#95
Naphthalene
Concen: 0.541 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086637.D
Acq: 15 May 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL



Tgt Ion:128 Resp: 6456
Ion Ratio Lower Upper
128 100
127 10.0 10.2 15.4#
129 7.1 8.6 13.0#

