

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084699.D
 Acq On : 05 Nov 2024 19:48
 Operator : JC\MD
 Sample : P4711-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 00:38:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

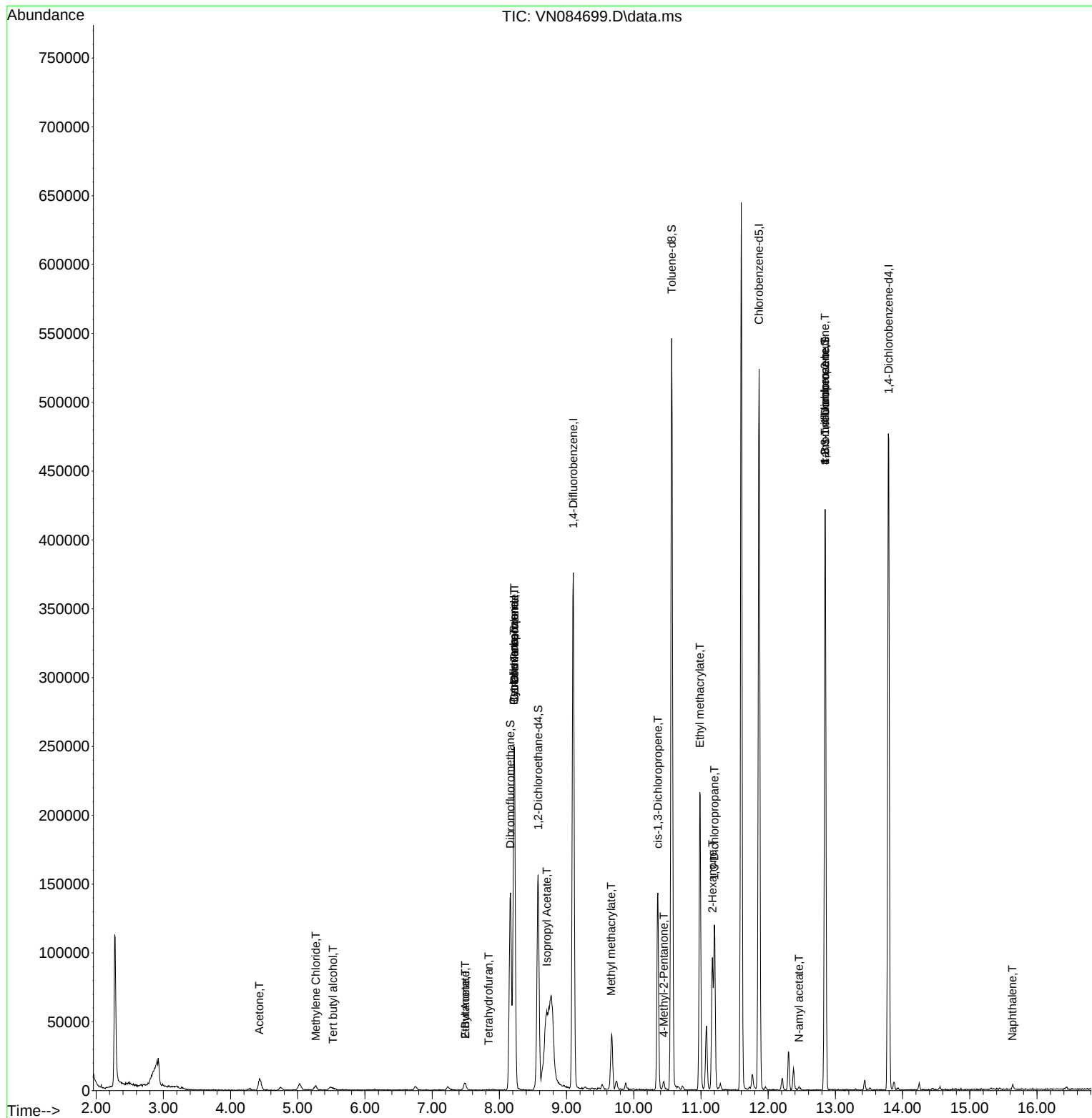
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	185109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129732	48.523	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.040%	
35) Dibromofluoromethane	8.165	113	103265	47.018	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.040%	
50) Toluene-d8	10.565	98	380097	46.981	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.960%	
62) 4-Bromofluorobenzene	12.847	95	149085	49.306	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	695	Below Cal	#	41
6) Chloroethane	3.130	64	267	Below Cal	#	45
11) Tert butyl alcohol	5.524	59	1757	4.979	ug/l #	73
16) Acetone	4.430	43	16409	18.607	ug/l	96
18) Methyl Acetate	5.030	43	9064	Below Cal	#	76
20) Methylene Chloride	5.271	84	2121	0.902	ug/l	97
25) 2-Butanone	7.494	43	9484	7.604	ug/l	99
29) Tetrahydrofuran	7.841	42	359	0.434	ug/l #	34
31) Cyclohexane	8.218	56	3814	1.033	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14568	4.783	ug/l #	50
37) Ethyl Acetate	7.494	43	9484	3.432	ug/l #	69
38) Carbon Tetrachloride	8.224	117	20284	5.958	ug/l #	16
43) Isopropyl Acetate	8.706	43	81854	15.364	ug/l #	64
48) Methyl methacrylate	9.665	41	2188	1.017	ug/l #	36
51) 4-Methyl-2-Pentanone	10.447	43	5803	2.203	ug/l #	79
54) cis-1,3-Dichloropropene	10.359	75	26523	7.093	ug/l #	60
56) Ethyl methacrylate	10.982	69	1196	0.384	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	1101	0.298	ug/l #	42
59) 2-Hexanone	11.171	43	93602	48.811	ug/l #	24
74) N-amyl acetate	12.459	43	2334	0.586	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	77076	28.859	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77076	68.464	ug/l #	11
95) Naphthalene	15.635	128	4062	0.525	ug/l #	88

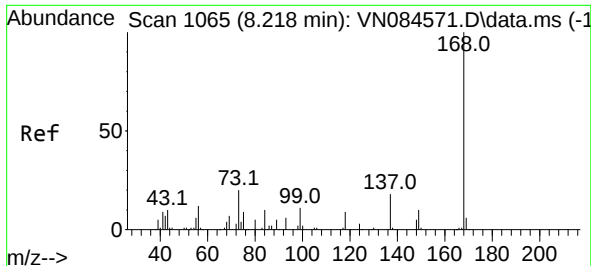
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
Data File : VN084699.D
Acq On : 05 Nov 2024 19:48
Operator : JC\MD
Sample : P4711-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

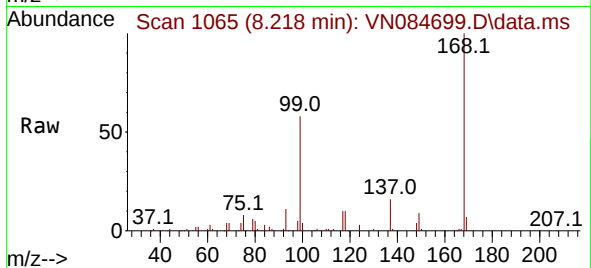
Quant Time: Nov 06 00:38:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



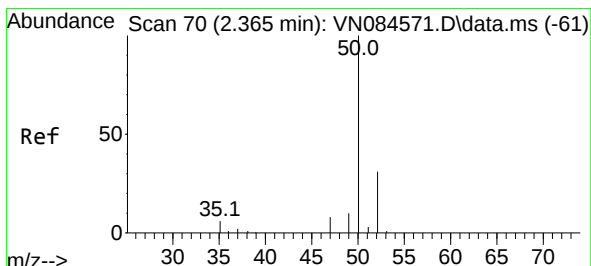
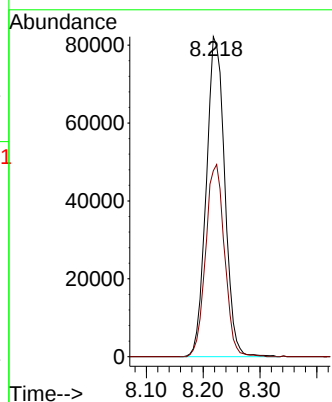
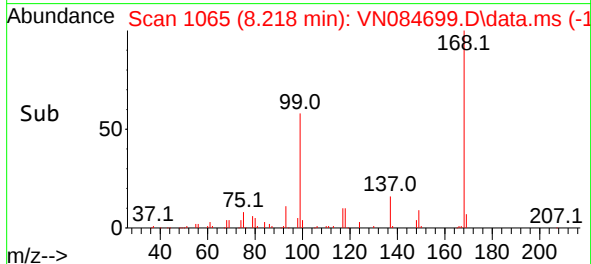


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :

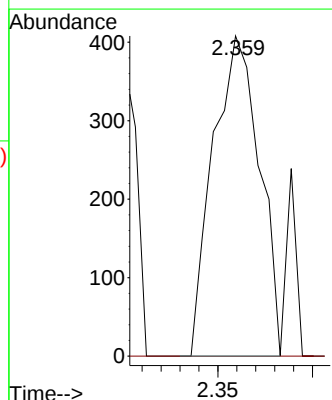
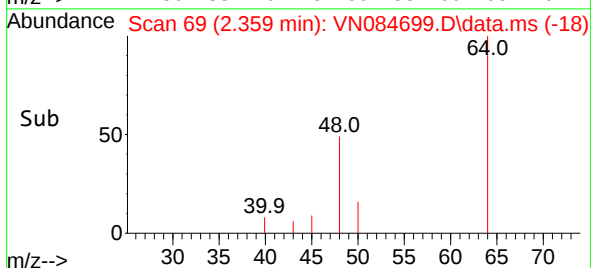
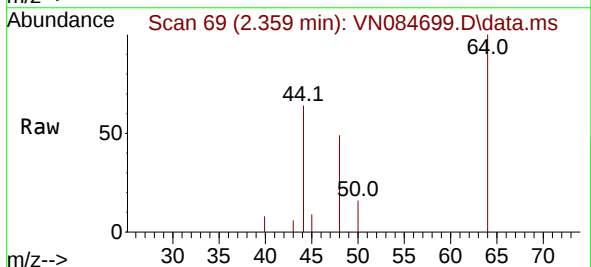


Tgt Ion:168 Resp: 185109
Ion Ratio Lower Upper
168 100
99 58.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Tgt Ion: 50 Resp: 695
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

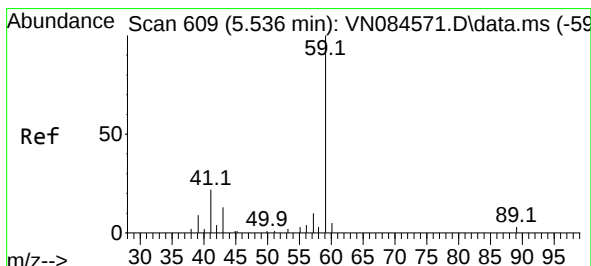
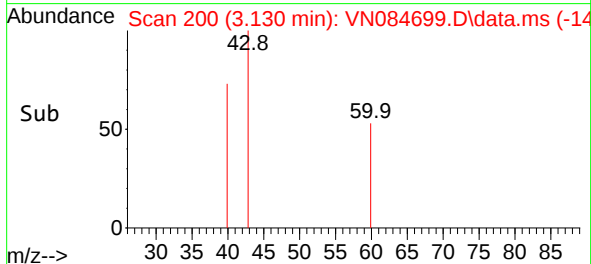
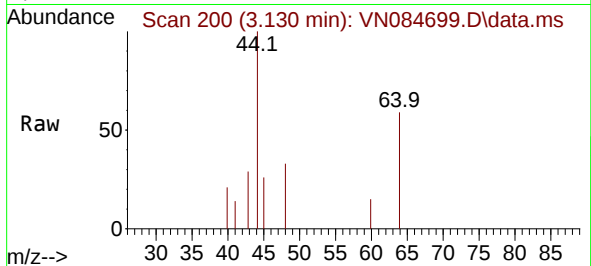




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

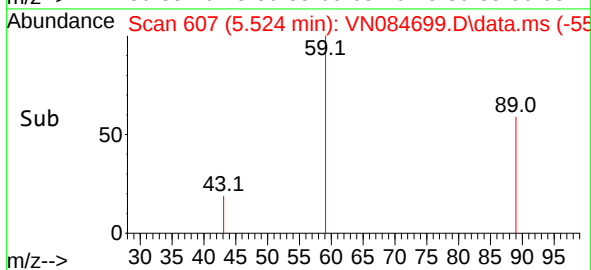
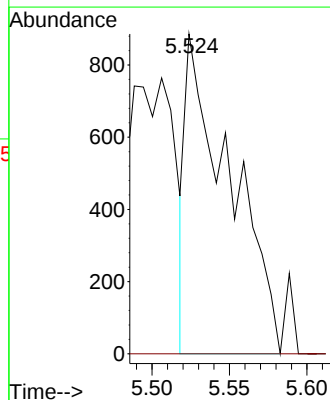
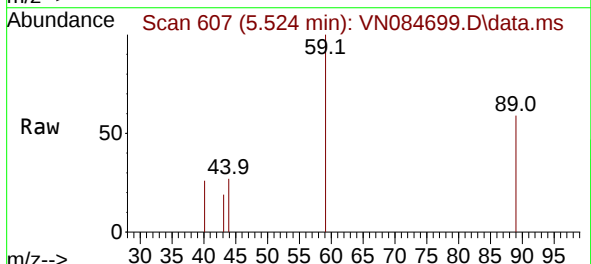
Instrument :
MSVOA_N
ClientSampleId :

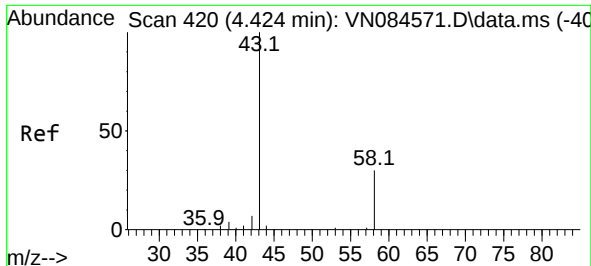
Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 4.979 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Tgt Ion: 59 Resp: 1757
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

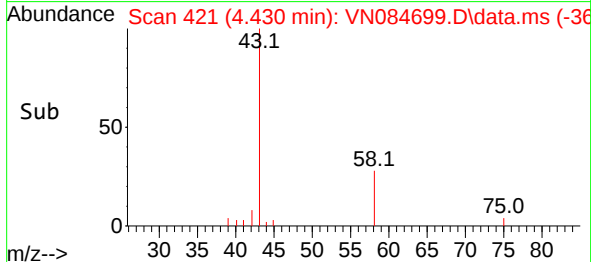
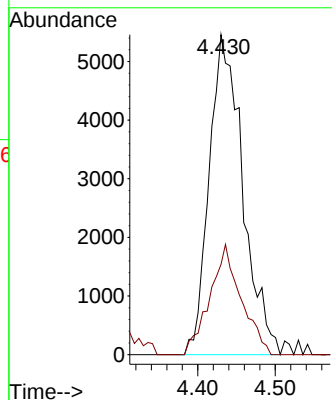
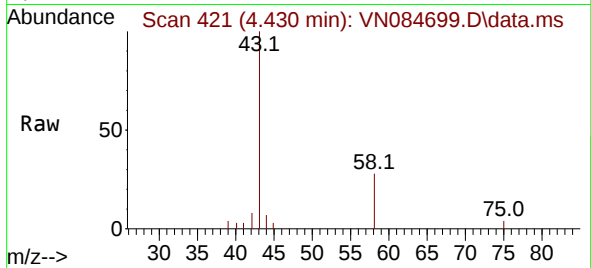




#16
Acetone
Concen: 18.607 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

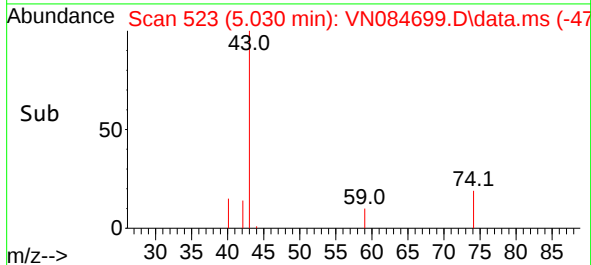
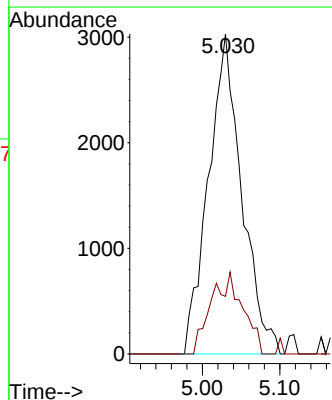
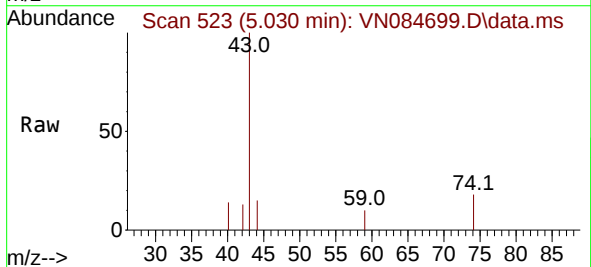
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 16409
Ion Ratio Lower Upper
43 100
58 28.2 24.4 36.6



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

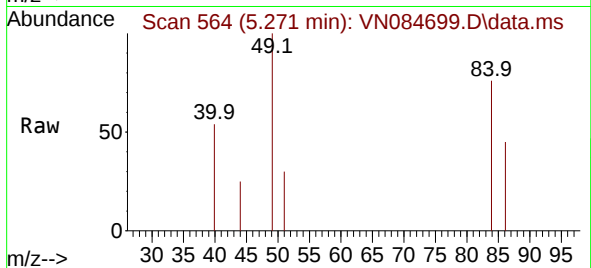
Tgt Ion: 43 Resp: 9064
Ion Ratio Lower Upper
43 100
74 12.3 19.2 28.8#



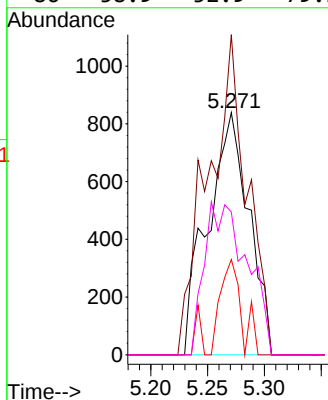
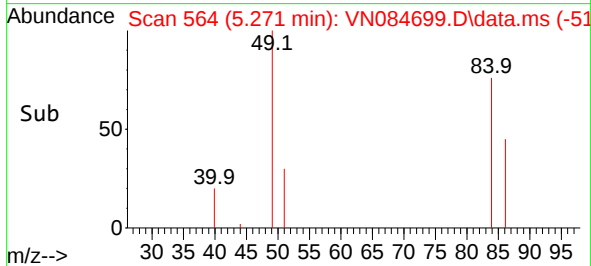


#20
Methylene Chloride
Concen: 0.902 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

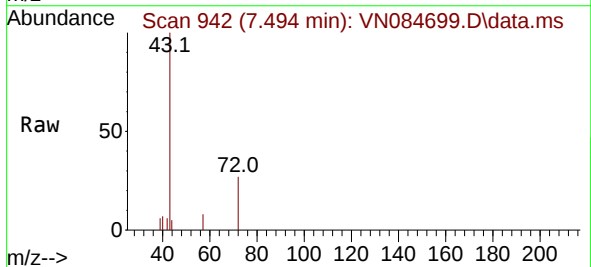
Instrument :
MSVOA_N
ClientSampleId :



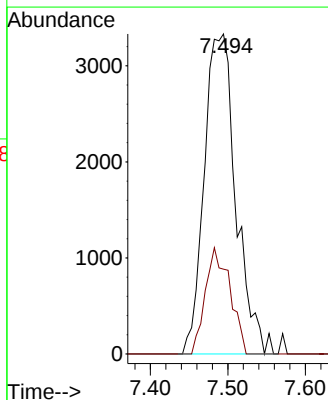
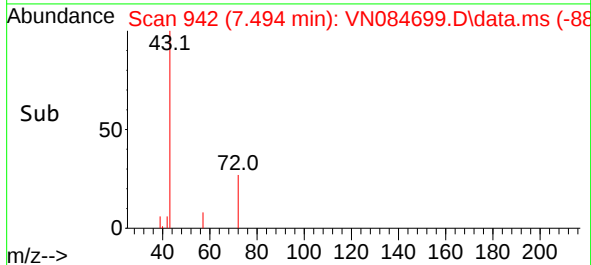
Tgt Ion:	84	Resp:	2121
Ion	Ratio	Lower	Upper
84	100		
49	132.2	107.2	160.8
51	39.3	31.8	47.8
86	58.9	52.9	79.3

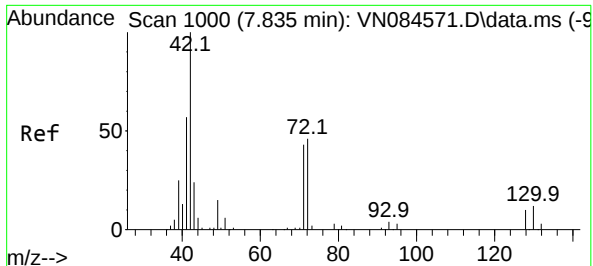


#25
2-Butanone
Concen: 7.604 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48



Tgt Ion:	43	Resp:	9484
Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.4	32.2





#29

Tetrahydrofuran

Concen: 0.434 ug/l

RT: 7.841 min Scan# 1

Delta R.T. 0.006 min

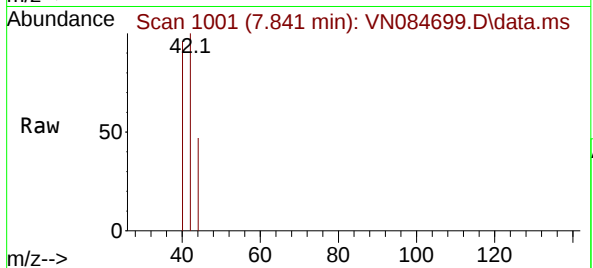
Lab File: VN084699.D

Acq: 05 Nov 2024 19:48

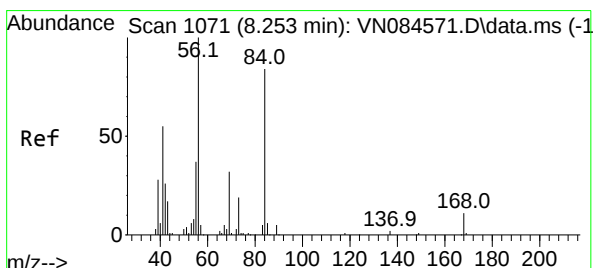
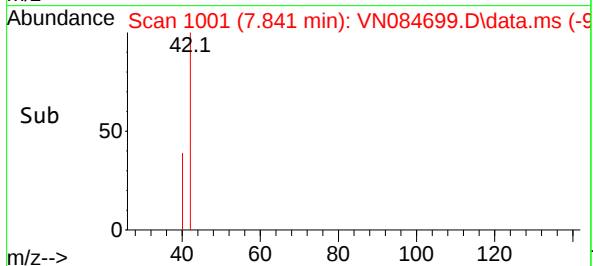
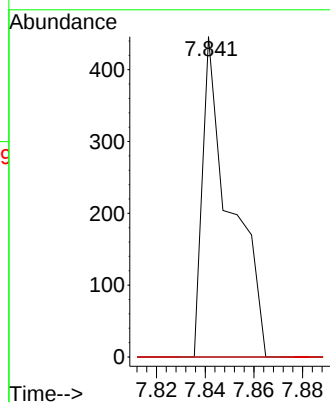
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	359
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	0.0	32.2	48.4#



#31

Cyclohexane

Concen: 1.033 ug/l

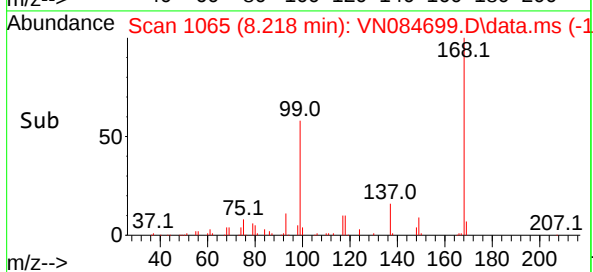
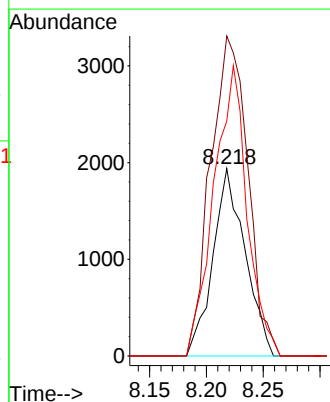
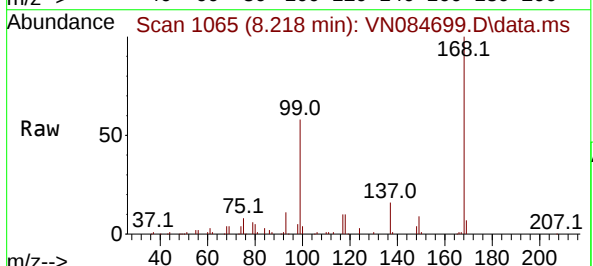
RT: 8.218 min Scan# 1065

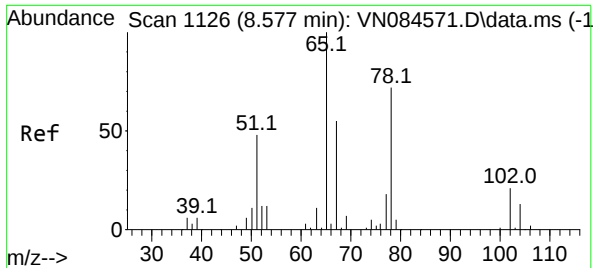
Delta R.T. -0.035 min

Lab File: VN084699.D

Acq: 05 Nov 2024 19:48

Tgt Ion:	56	Resp:	3814
Ion	Ratio	Lower	Upper
56	100		
69	170.8	23.8	35.6#
84	125.3	68.8	103.2#

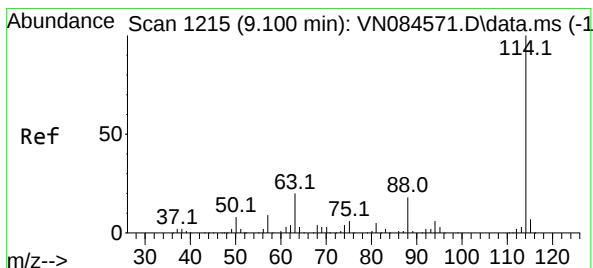
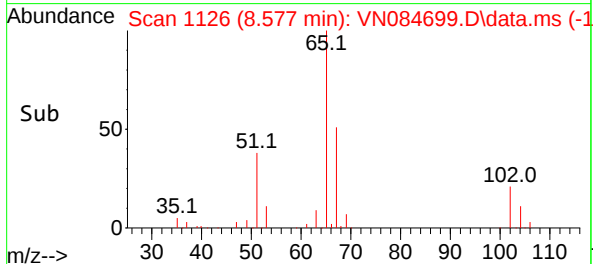
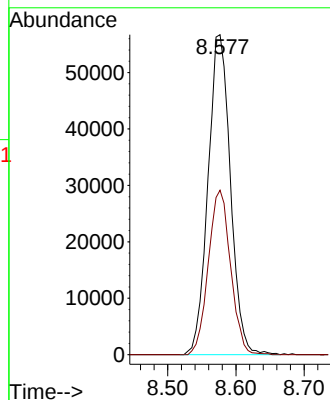
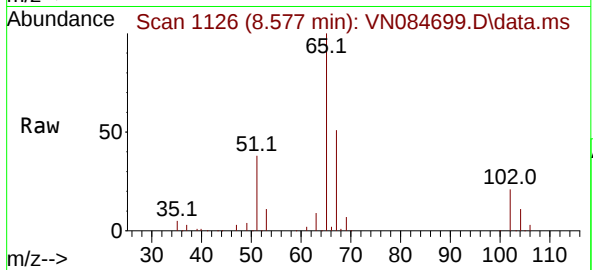




#33
 1,2-Dichloroethane-d4
 Concen: 48.523 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084699.D
 Acq: 05 Nov 2024 19:48

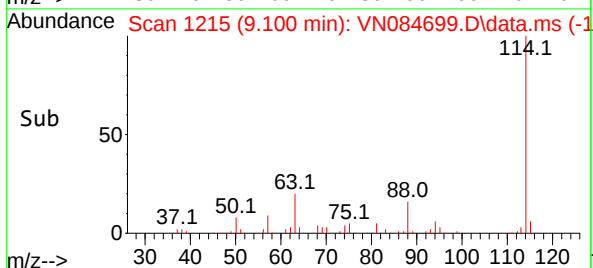
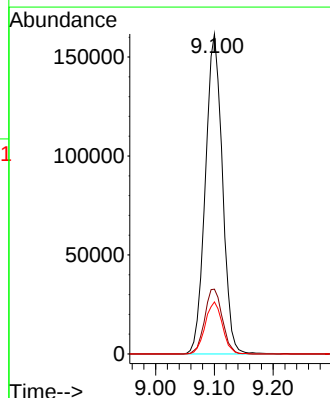
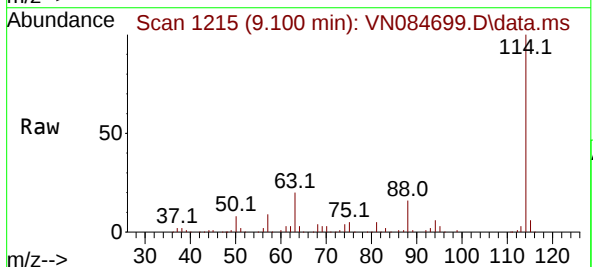
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 65 Resp: 129732
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084699.D
 Acq: 05 Nov 2024 19:48

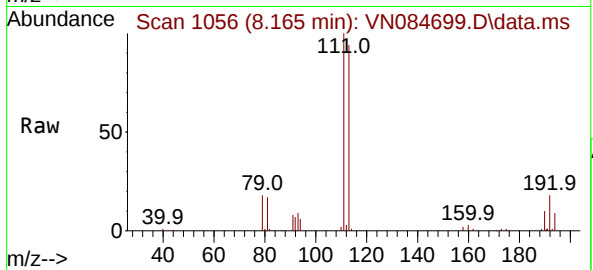
Tgt Ion: 114 Resp: 324473
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.8
 88 16.3 0.0 31.6



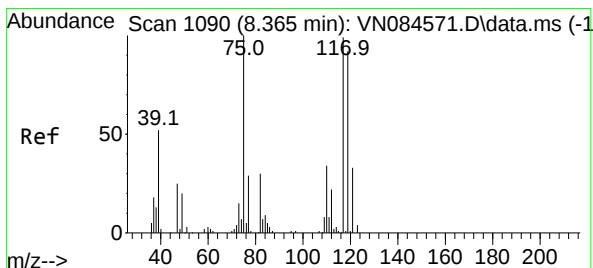
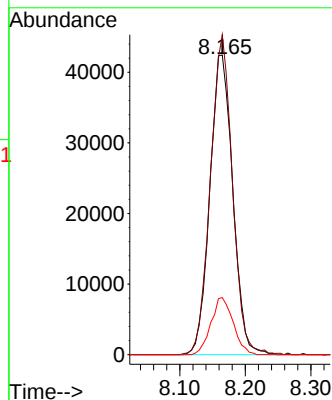
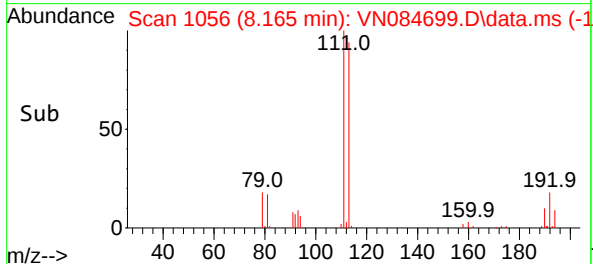


#35
Dibromofluoromethane
Concen: 47.018 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :

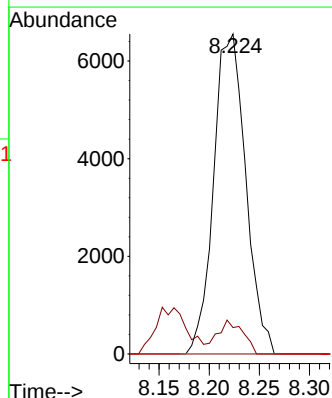
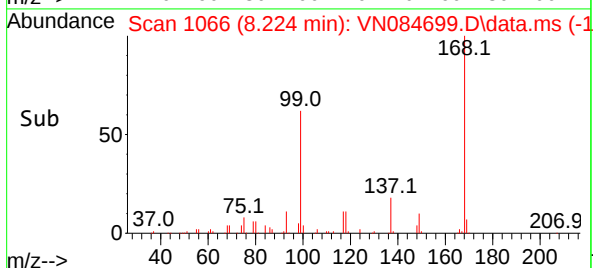
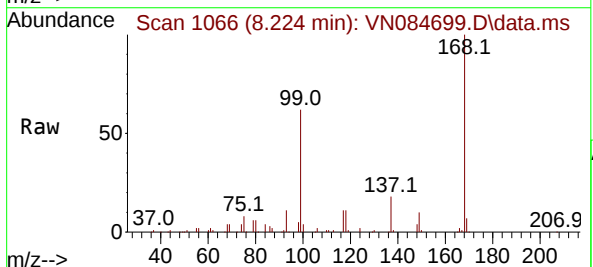


Tgt Ion:113 Resp: 103265
Ion Ratio Lower Upper
113 100
111 102.3 83.3 124.9
192 18.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

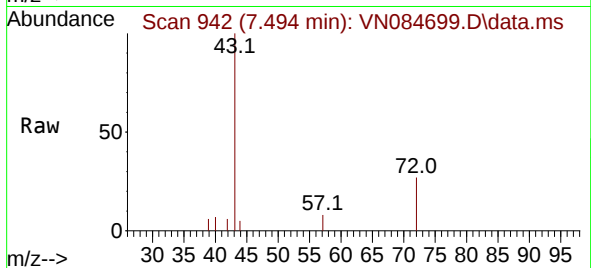
Tgt Ion: 75 Resp: 14568
Ion Ratio Lower Upper
75 100
110 8.5 16.9 50.7#
77 0.0 24.7 37.1#



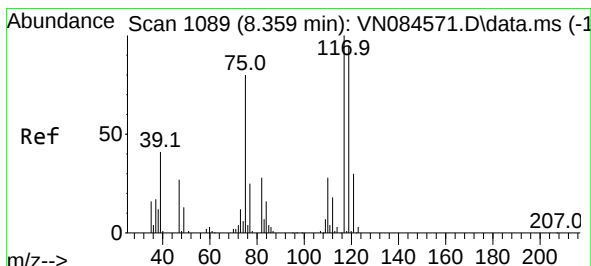
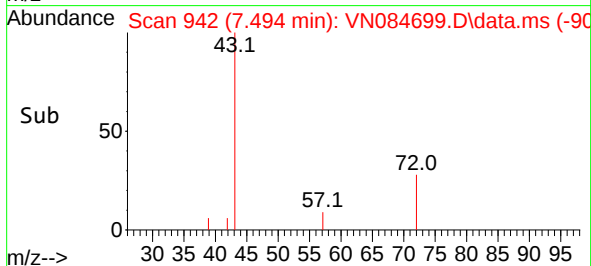
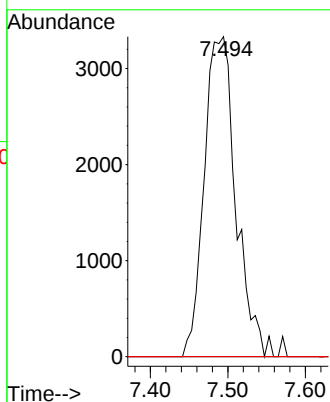


#37
Ethyl Acetate
Concen: 3.432 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.065 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :

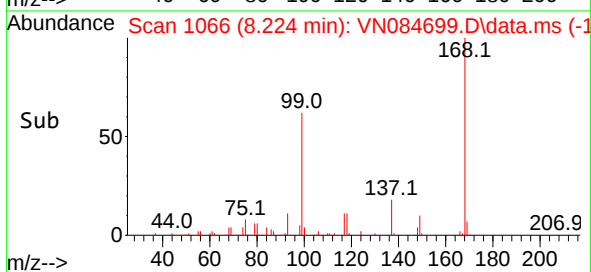
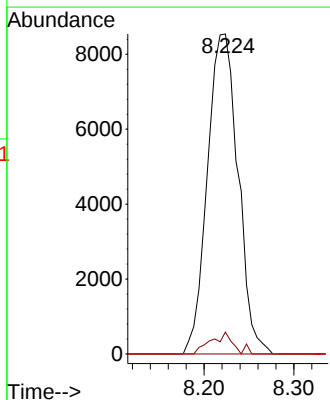
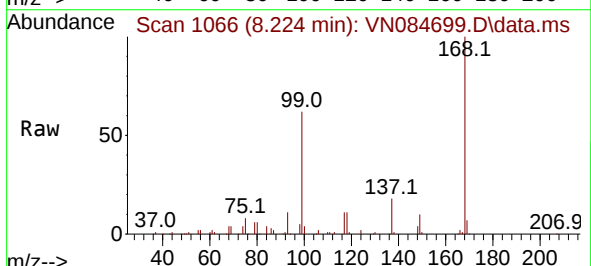


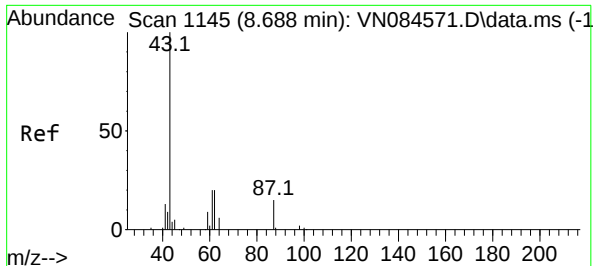
Tgt Ion: 43 Resp: 9484
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Tgt Ion: 117 Resp: 20284
Ion Ratio Lower Upper
117 100
119 6.8 78.7 118.1#
121 0.0 24.4 36.6#

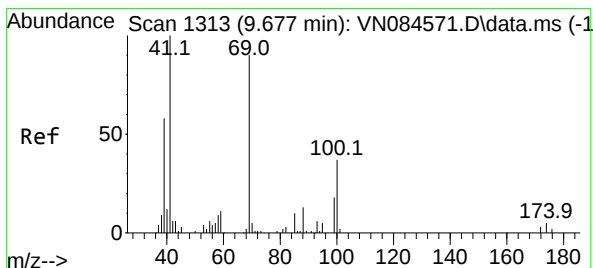
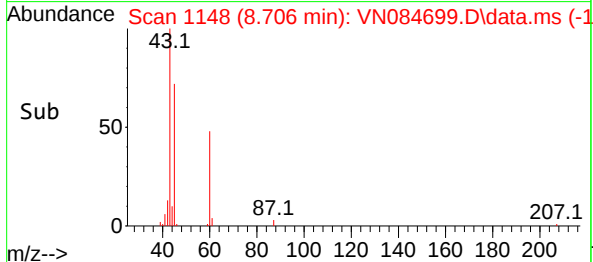
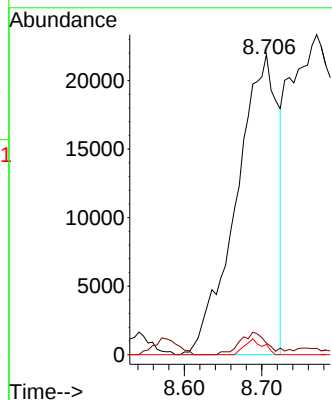
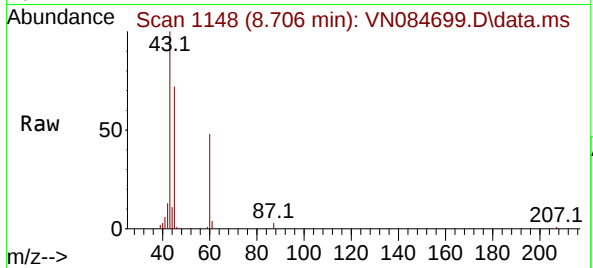




#43
Isopropyl Acetate
Concen: 15.364 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

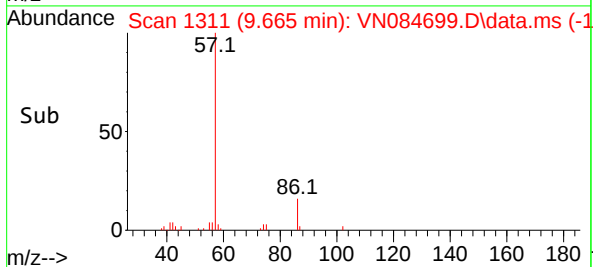
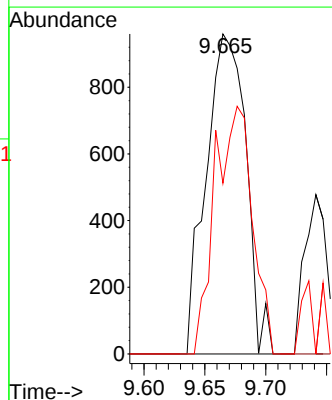
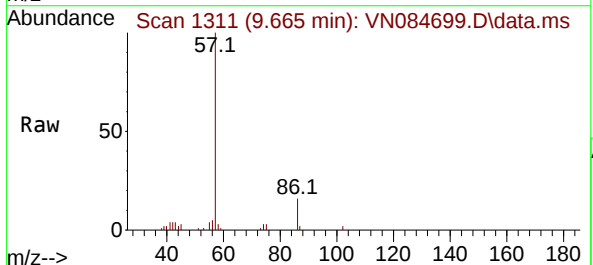
Instrument :
MSVOA_N
ClientSampleId :

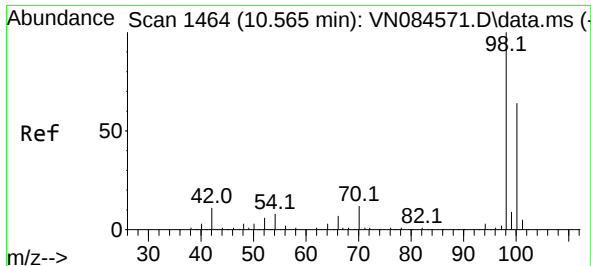
Tgt Ion: 43 Resp: 81854
Ion Ratio Lower Upper
43 100
61 4.9 20.4 30.6#
87 2.3 10.3 15.5#



#48
Methyl methacrylate
Concen: 1.017 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.012 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Tgt Ion: 41 Resp: 2188
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 72.8 45.8 68.6#

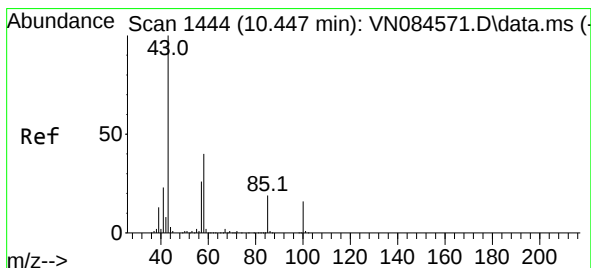
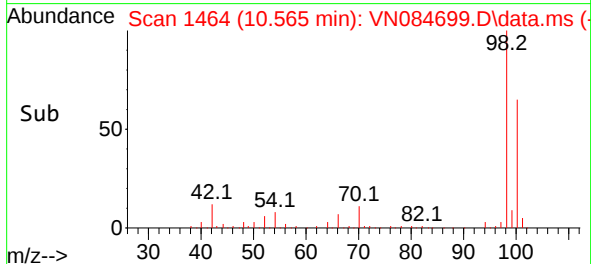
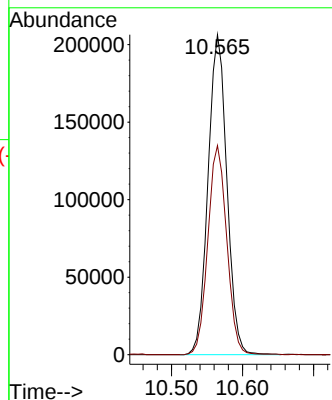
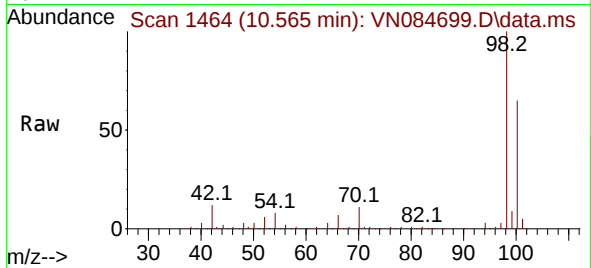




#50
Toluene-d8
Concen: 46.981 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

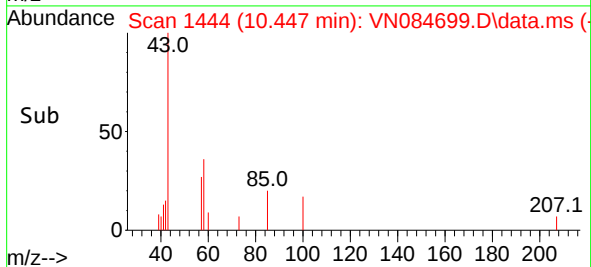
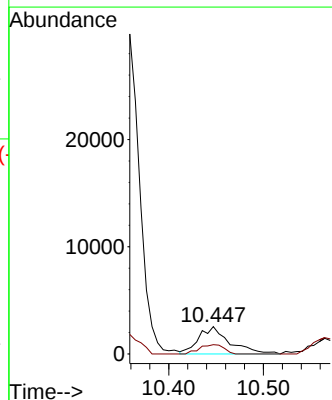
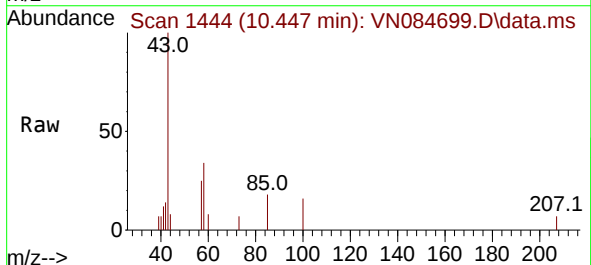
Instrument :
MSVOA_N
ClientSampleId :

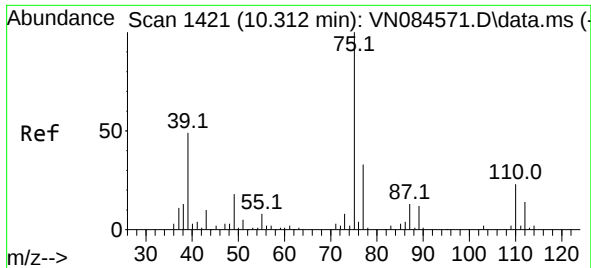
Tgt Ion: 98 Resp: 380097
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 2.203 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Tgt Ion: 43 Resp: 5803
Ion Ratio Lower Upper
43 100
58 26.8 31.6 47.4#

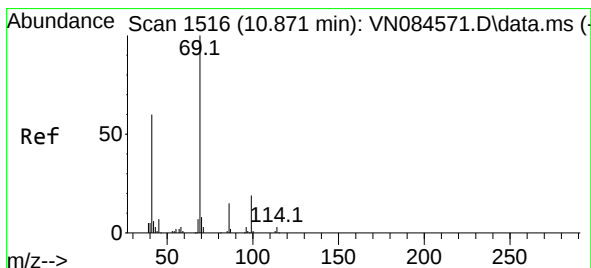
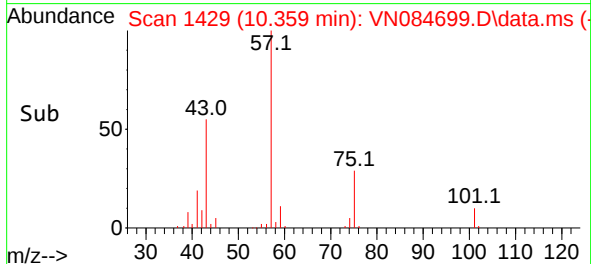
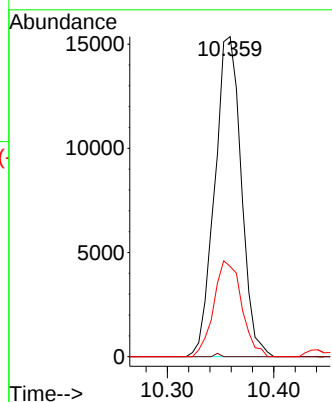
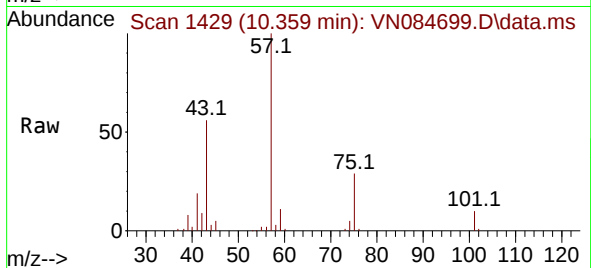




#54
 cis-1,3-Dichloropropene
 Concen: 7.093 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN084699.D
 Acq: 05 Nov 2024 19:48

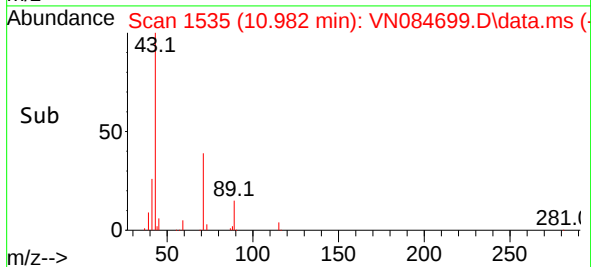
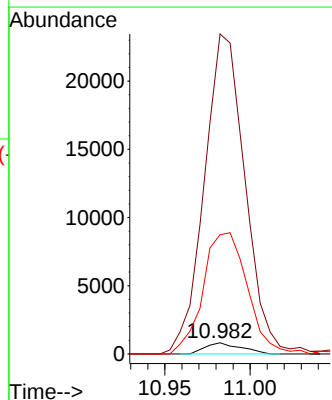
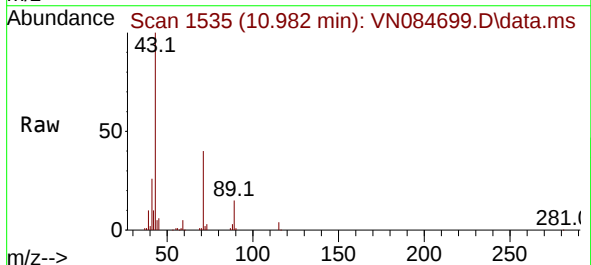
Instrument :
 MSVOA_N
 ClientSampleId :

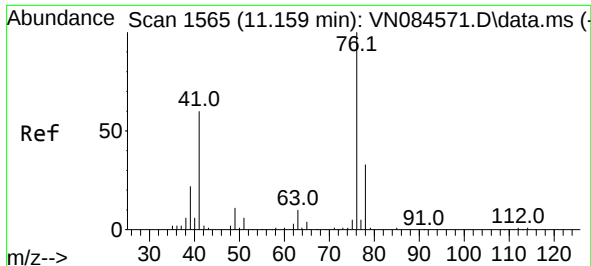
Tgt Ion: 75 Resp: 26523
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.2 36.2#
 39 28.2 38.7 58.1#



#56
 Ethyl methacrylate
 Concen: 0.384 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.112 min
 Lab File: VN084699.D
 Acq: 05 Nov 2024 19:48

Tgt Ion: 69 Resp: 1196
 Ion Ratio Lower Upper
 69 100
 41 3273.8 53.3 79.9#
 39 1345.5 28.8 43.2#





#57

1,3-Dichloropropane

Concen: 0.298 ug/l

RT: 11.200 min Scan# 1101

Delta R.T. 0.041 min

Lab File: VN084699.D

Acq: 05 Nov 2024 19:48

Instrument :

MSVOA_N

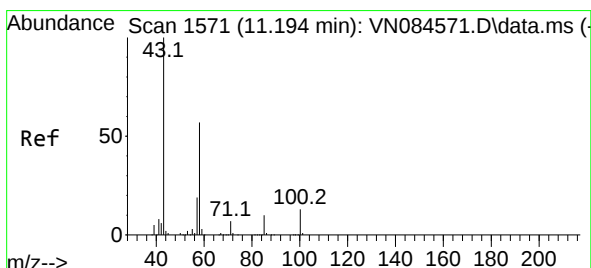
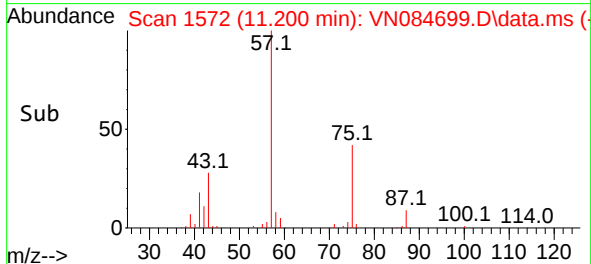
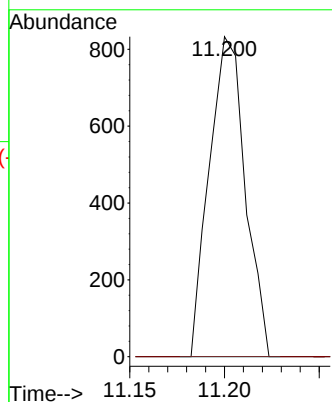
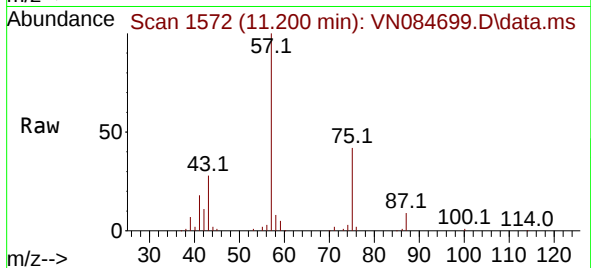
ClientSampleId :

Tgt Ion: 76 Resp: 1101

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 48.811 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN084699.D

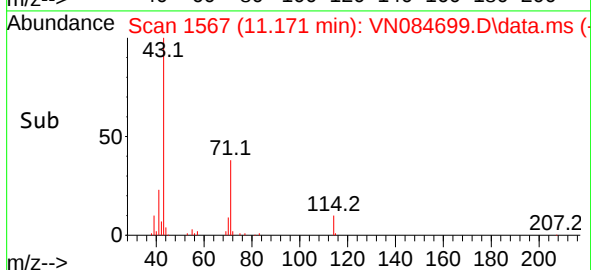
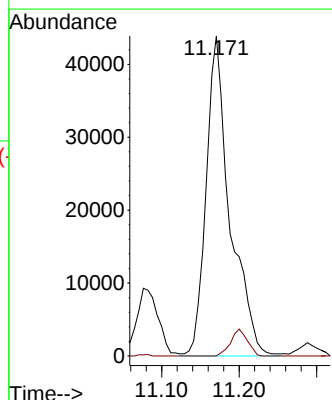
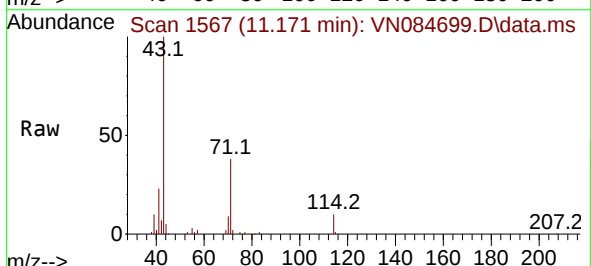
Acq: 05 Nov 2024 19:48

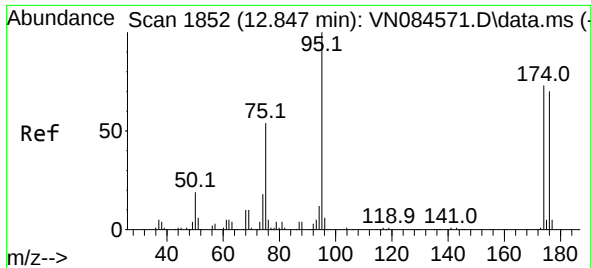
Tgt Ion: 43 Resp: 93602

Ion Ratio Lower Upper

43 100

58 0.0 27.3 81.8#

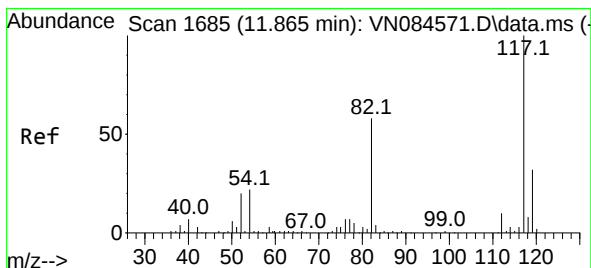
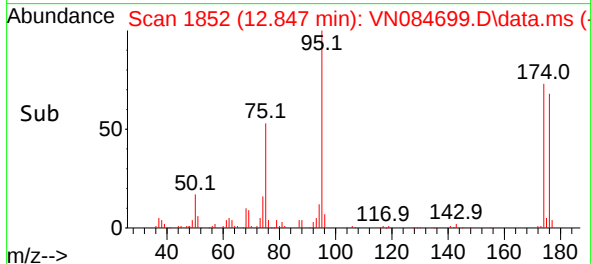
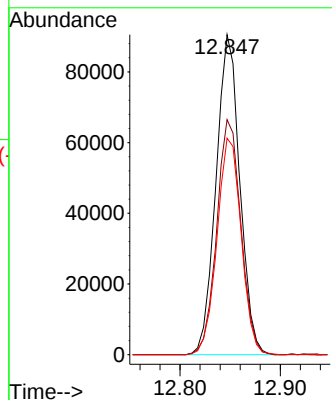
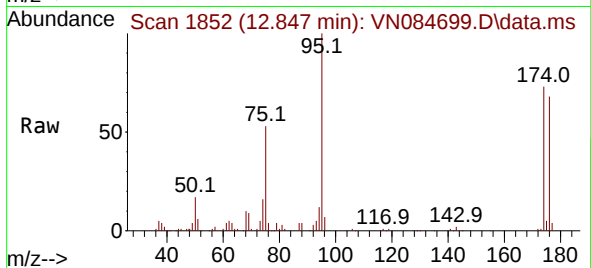




#62
4-Bromofluorobenzene
Concen: 49.306 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

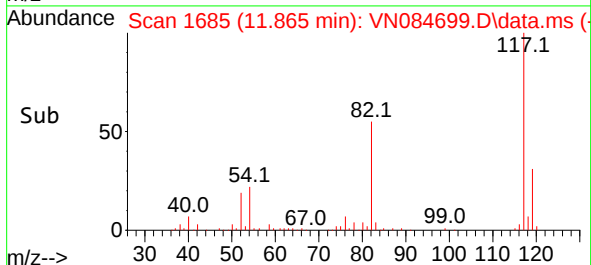
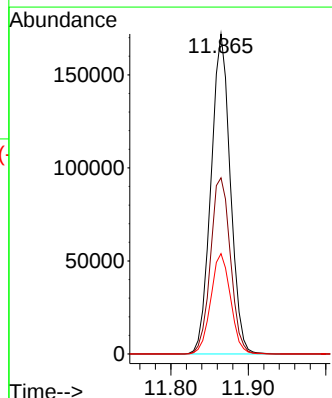
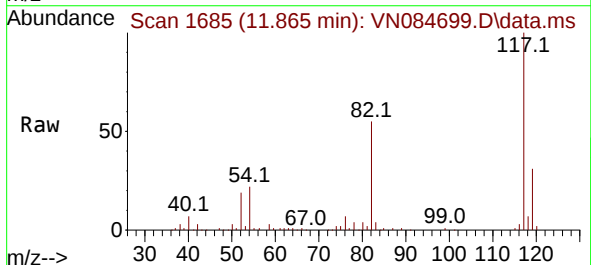
Instrument :
MSVOA_N
ClientSampleId :

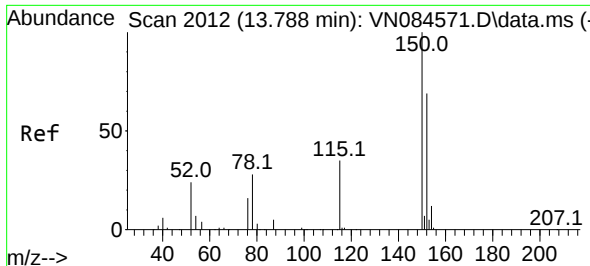
Tgt Ion: 95 Resp: 149085
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 68.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

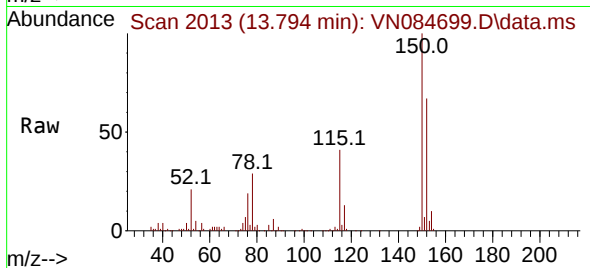
Tgt Ion: 117 Resp: 297767
Ion Ratio Lower Upper
117 100
82 55.0 47.2 70.8
119 31.4 25.4 38.0



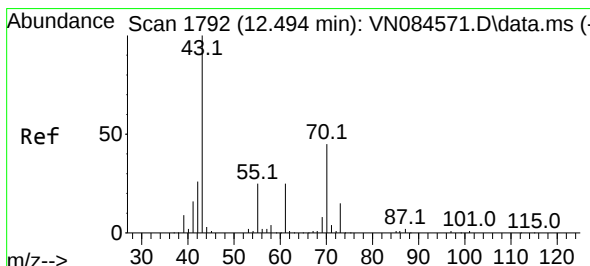
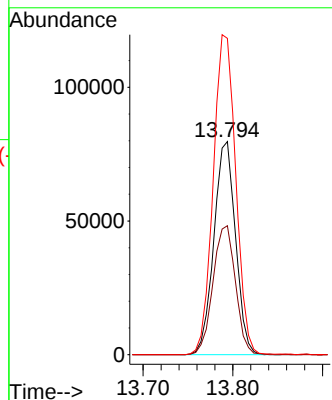
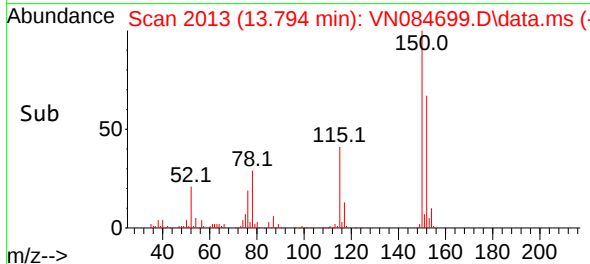


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :

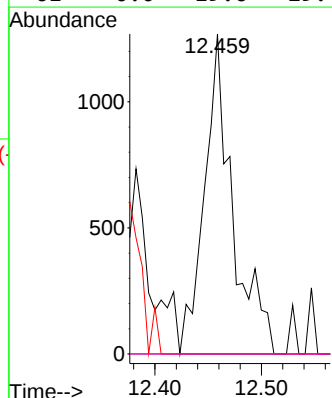
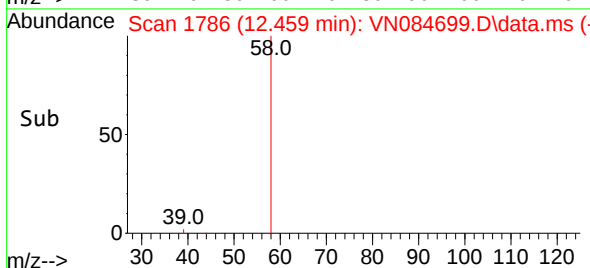
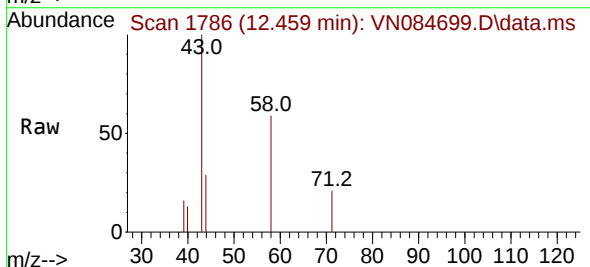


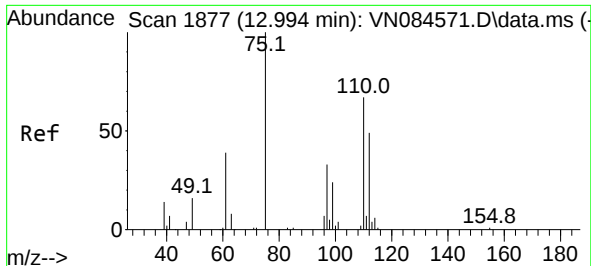
Tgt Ion:152 Resp: 133611
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.9
150 156.5 0.0 349.8



#74
N-ethyl acetate
Concen: 0.586 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Tgt Ion: 43 Resp: 2334
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 19.6 29.4#
61 0.0 19.6 29.4#

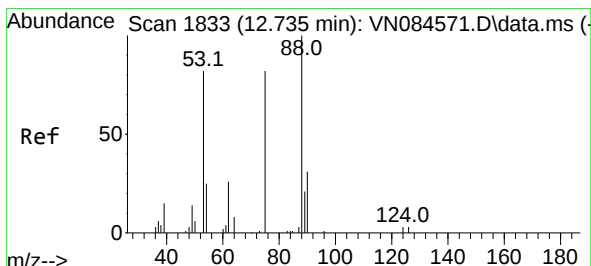
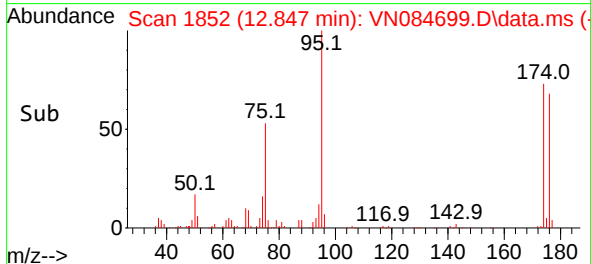
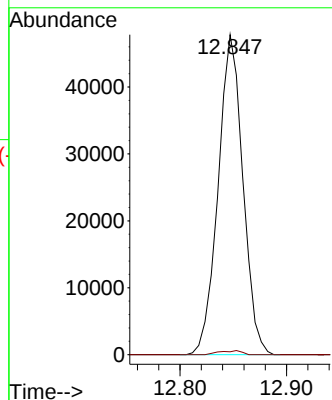
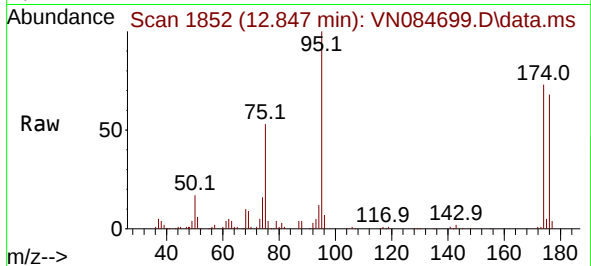




#76
1,2,3-Trichloropropane
Concen: 28.859 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

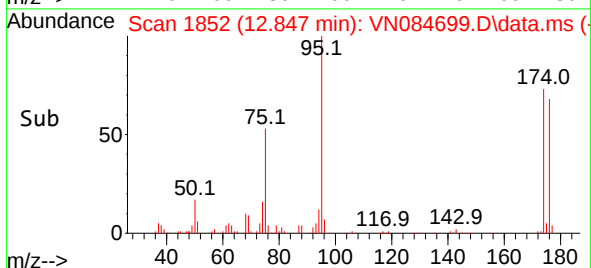
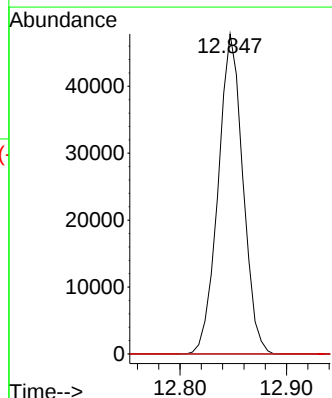
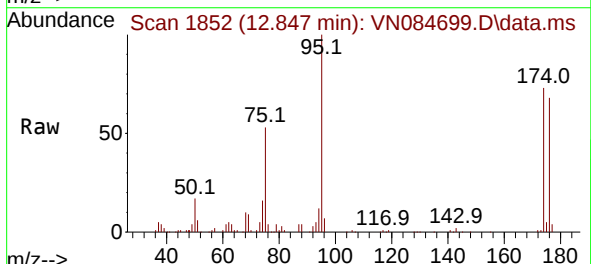
Instrument :
MSVOA_N
ClientSampleId :

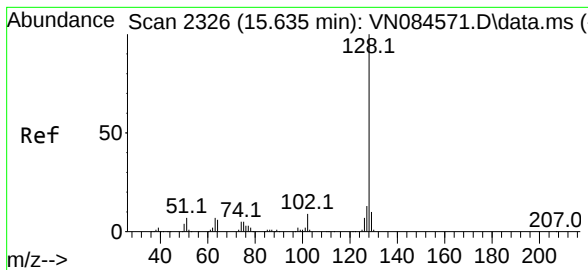
Tgt Ion: 75 Resp: 77076
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.464 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

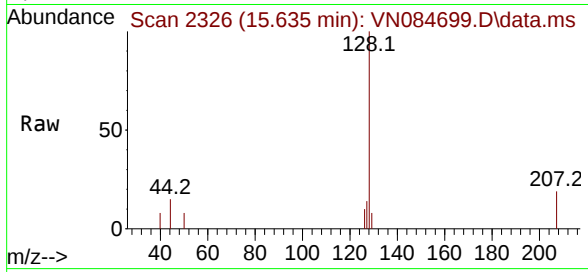
Tgt Ion: 75 Resp: 77076
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#95
Naphthalene
Concen: 0.525 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084699.D
Acq: 05 Nov 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	4062
Ion	Ratio	Lower	Upper
128	100		
127	8.4	10.5	15.7#
129	6.5	8.7	13.1#

