

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085232.D
 Acq On : 17 Dec 2024 18:21
 Operator : JC\MD
 Sample : P5291-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 00:30:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

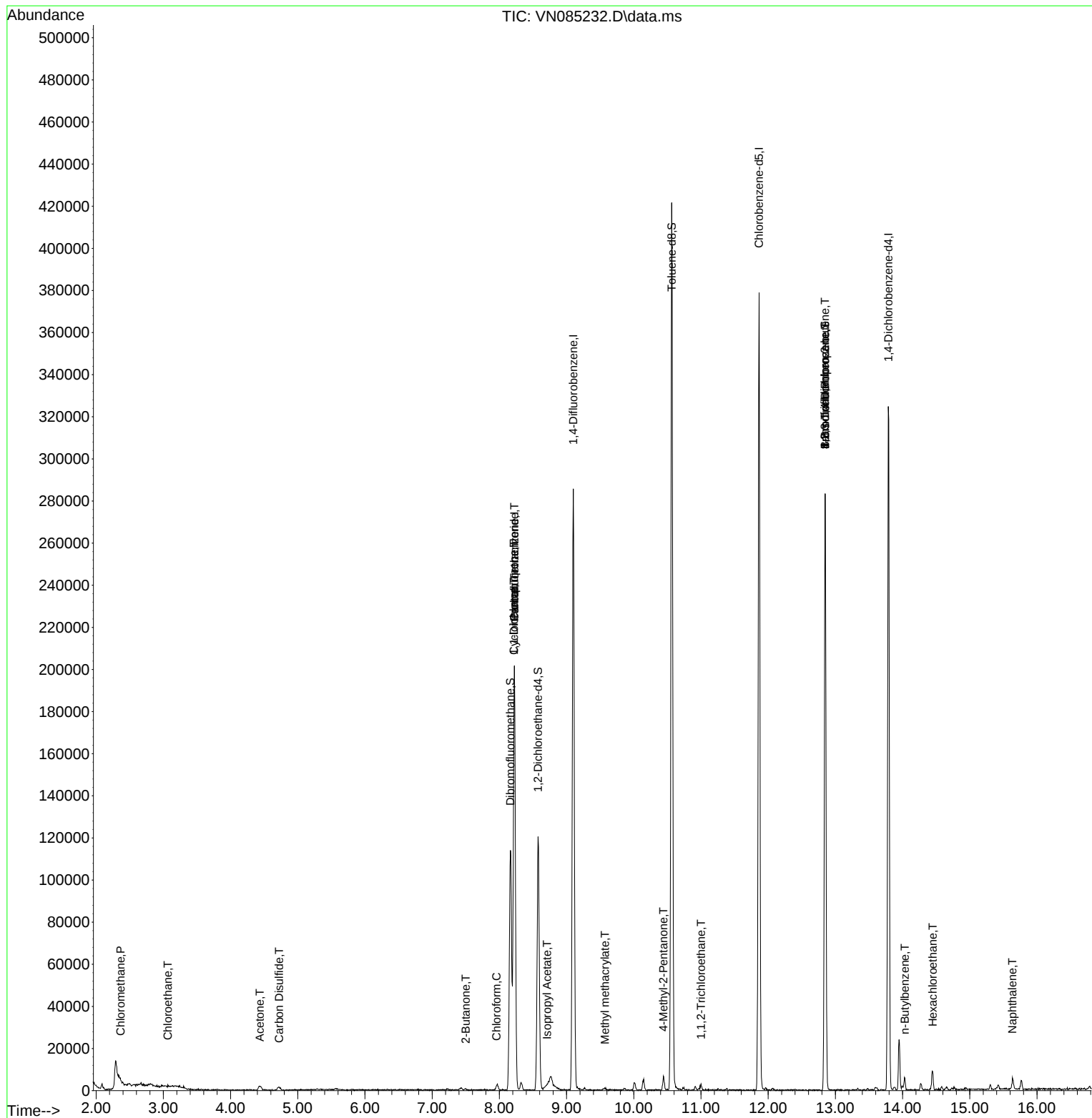
Internal Standards						
1) Pentafluorobenzene	8.224	168	141905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103007	50.960	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.920%		
35) Dibromofluoromethane	8.165	113	83293	50.323	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.640%		
50) Toluene-d8	10.565	98	288503	48.637	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.280%		
62) 4-Bromofluorobenzene	12.847	95	97926	44.145	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 88.280%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	690	0.371	ug/l #	40
6) Chloroethane	3.065	64	239	0.212	ug/l #	44
16) Acetone	4.436	43	4289	7.286	ug/l	95
17) Carbon Disulfide	4.724	76	2599	0.585	ug/l #	77
18) Methyl Acetate	5.042	43	69	Below Cal	#	50
25) 2-Butanone	7.500	43	684	0.711	ug/l #	48
30) Chloroform	7.959	83	3020	0.928	ug/l	88
31) Cyclohexane	8.218	56	3149	1.170	ug/l #	14
36) 1,1-Dichloropropene	8.218	75	10805	4.820	ug/l #	53
38) Carbon Tetrachloride	8.224	117	15151	5.855	ug/l #	15
43) Isopropyl Acetate	8.712	43	2100	0.496	ug/l #	55
48) Methyl methacrylate	9.571	41	344	0.218	ug/l #	19
51) 4-Methyl-2-Pentanone	10.441	43	4140	2.141	ug/l	94
55) 1,1,2-Trichloroethane	11.000	97	1210	0.774	ug/l #	15
71) Bromoform	12.847	173	338	0.266	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	51477	32.593	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	51477	71.950	ug/l #	10
89) n-Butylbenzene	14.035	91	1045	0.228	ug/l #	10
90) Hexachloroethane	14.447	117	5572	5.183	ug/l #	14
95) Naphthalene	15.635	128	5638	1.169	ug/l	96

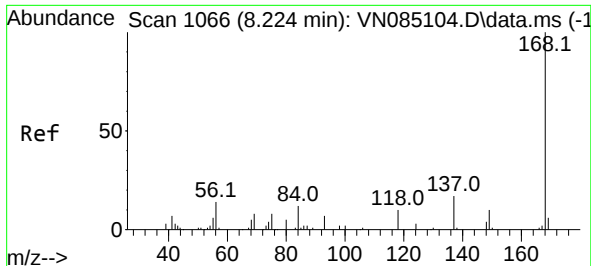
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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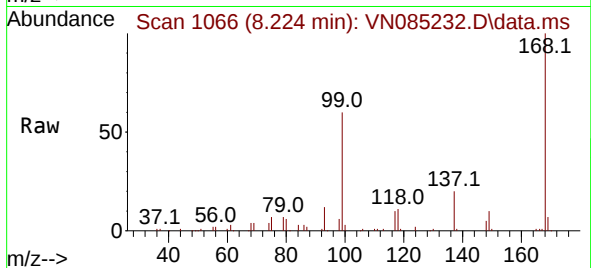
Quant Time: Dec 18 00:30:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



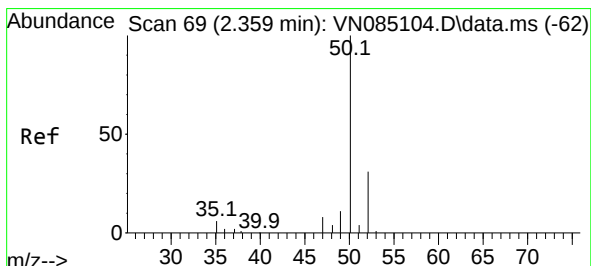
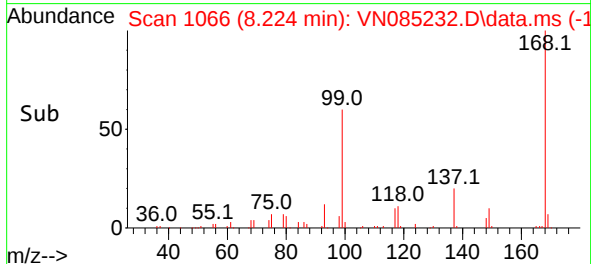
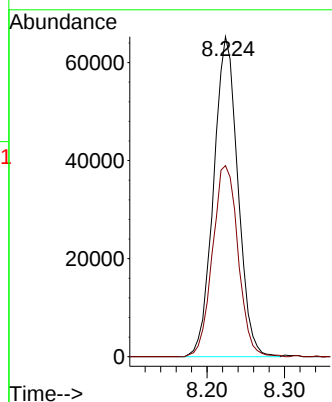


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

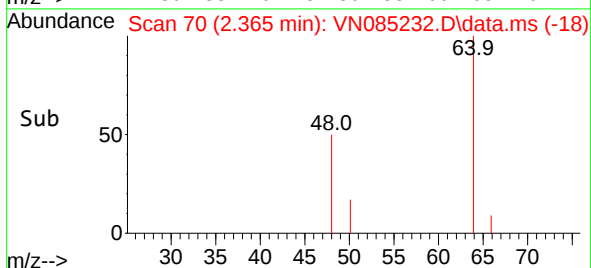
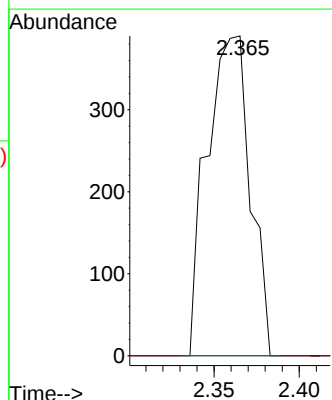
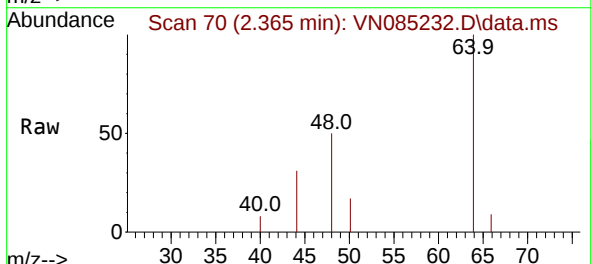


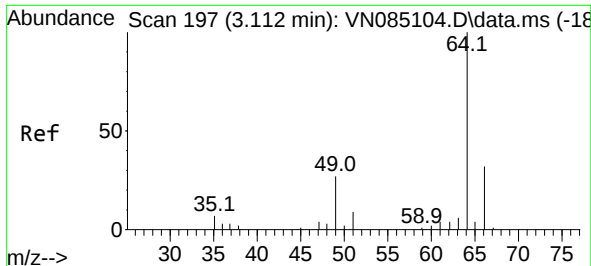
Tgt Ion:168 Resp: 141905
Ion Ratio Lower Upper
168 100
99 59.7 51.2 76.8



#3
Chloromethane
Concen: 0.371 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 50 Resp: 690
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

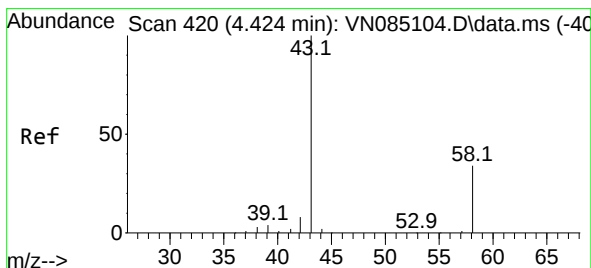
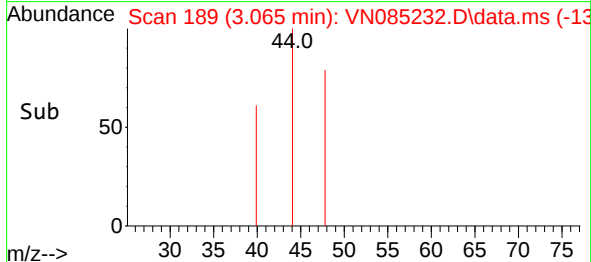
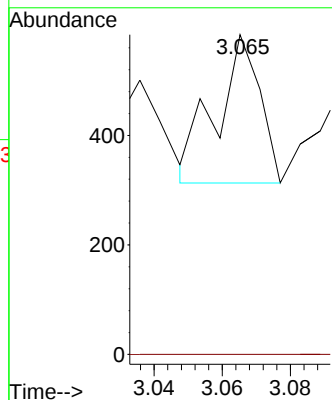
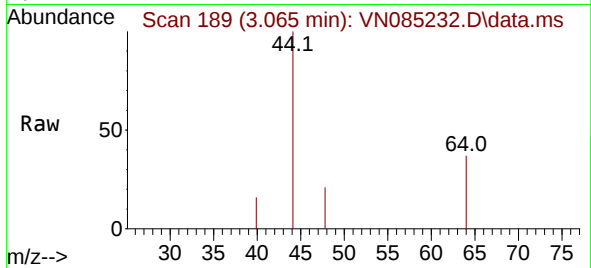




#6
Chloroethane
Concen: 0.212 ug/l
RT: 3.065 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

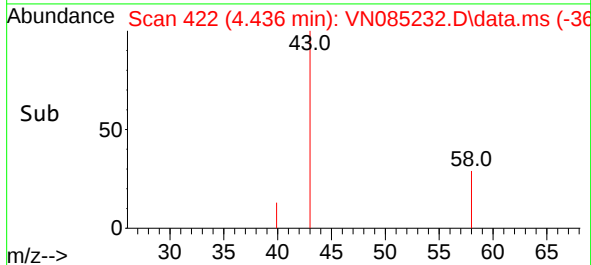
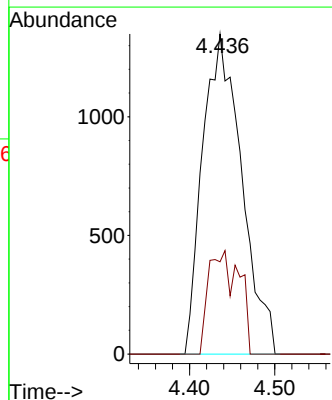
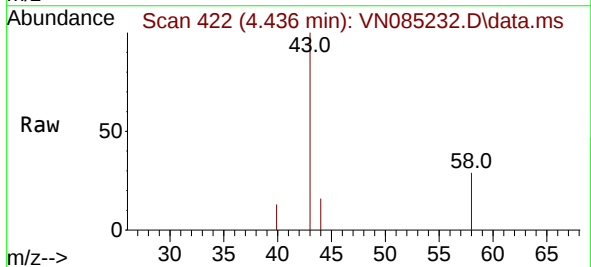
Instrument :
MSVOA_N
ClientSampleId :

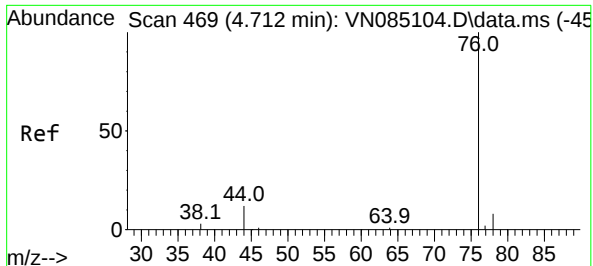
Tgt Ion: 64 Resp: 239
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#16
Acetone
Concen: 7.286 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

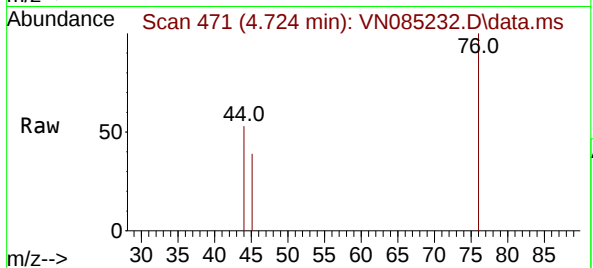
Tgt Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
58 28.8 25.4 38.2



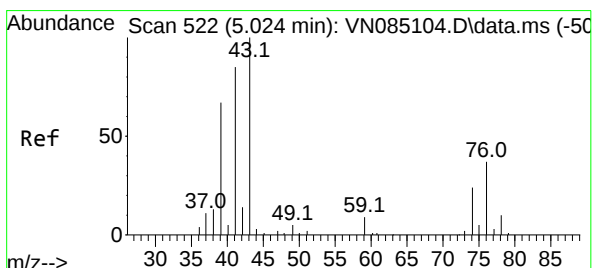
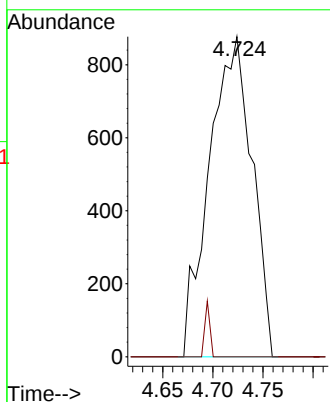
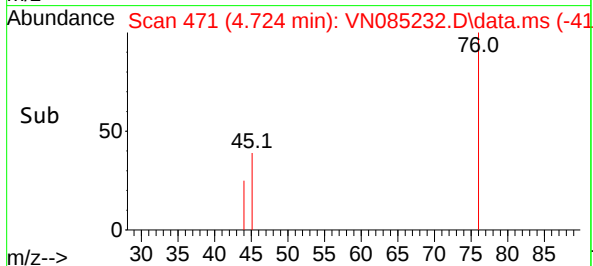


#17
Carbon Disulfide
Concen: 0.585 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

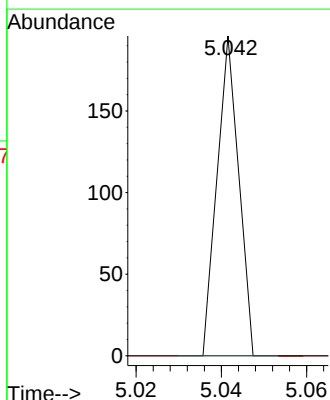
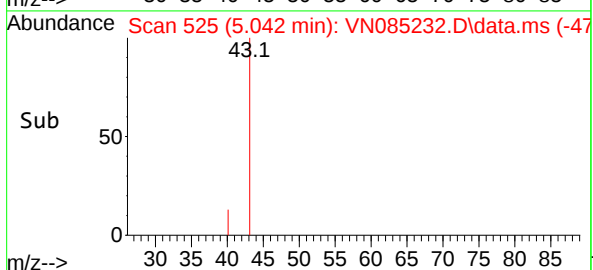
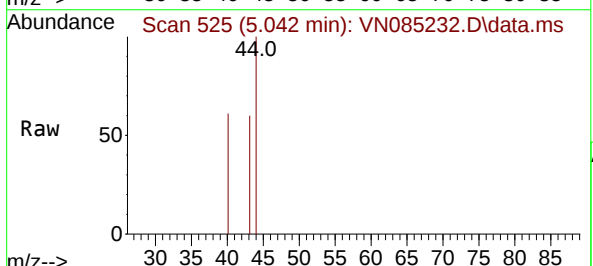


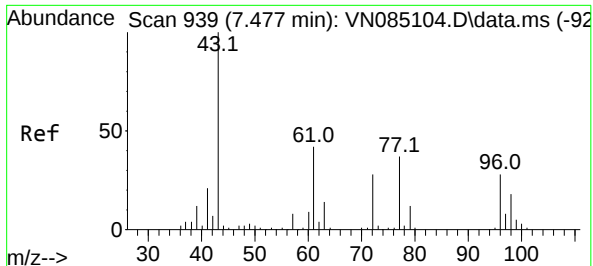
Tgt Ion: 76 Resp: 2599
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 525
Delta R.T. 0.023 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#

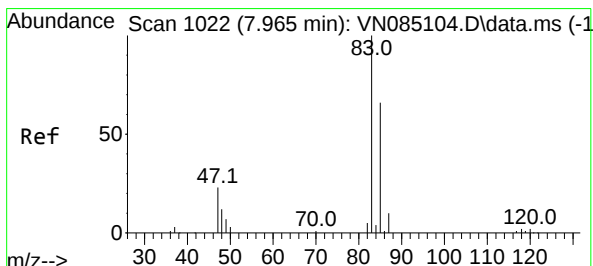
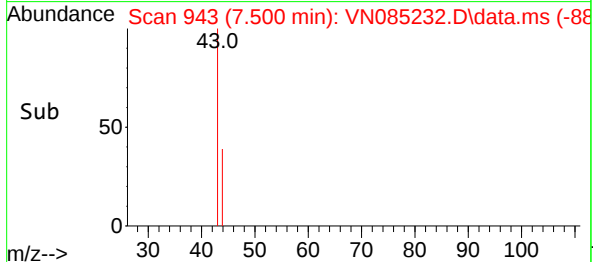
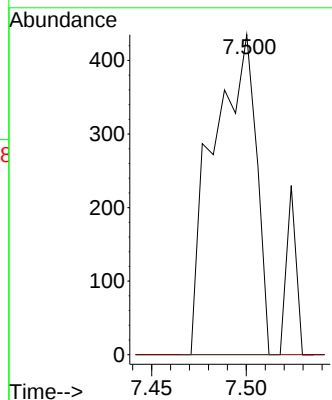
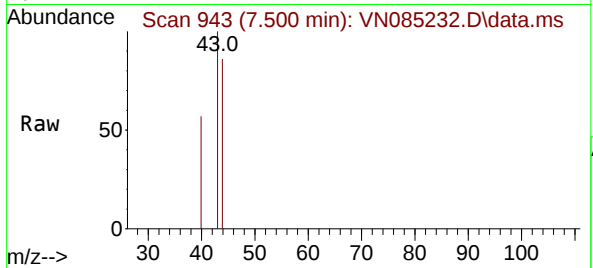




#25
2-Butanone
Concen: 0.711 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

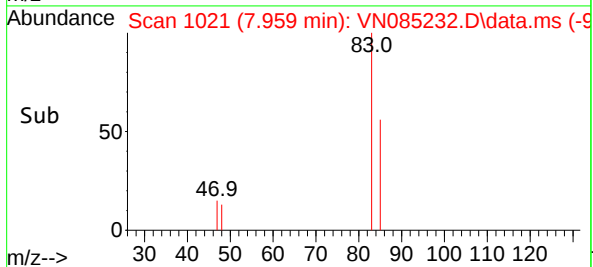
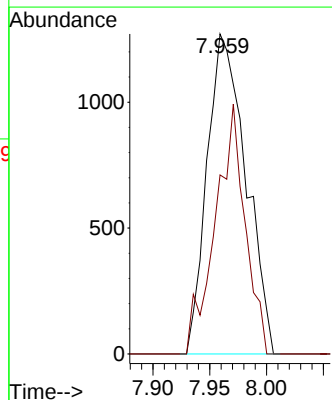
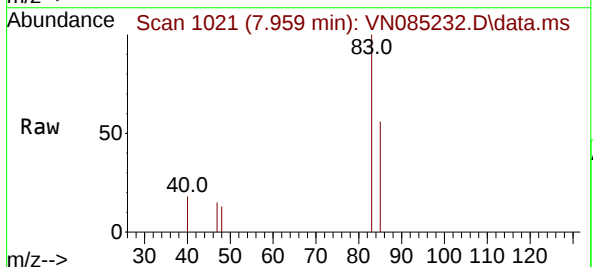
Instrument :
MSVOA_N
ClientSampleId :

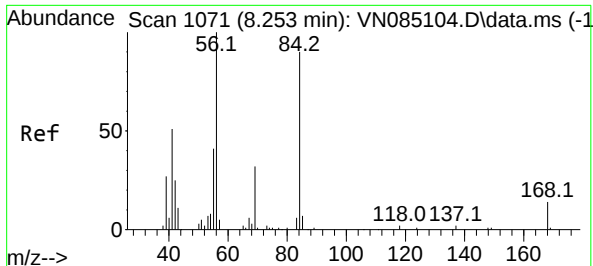
Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#30
Chloroform
Concen: 0.928 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

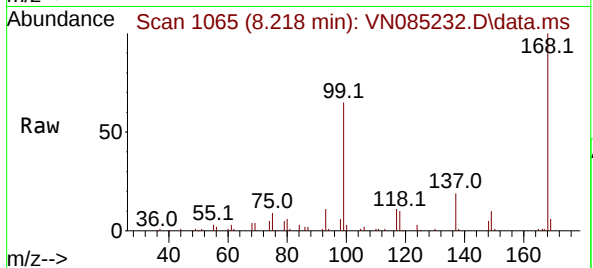
Tgt Ion: 83 Resp: 3020
Ion Ratio Lower Upper
83 100
85 55.9 52.6 78.8



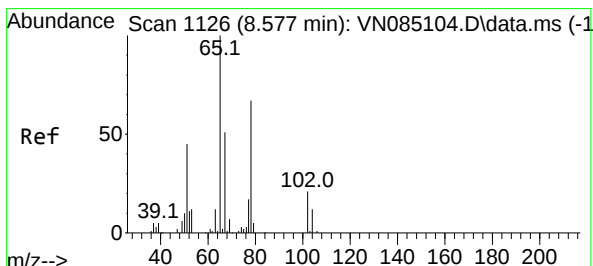
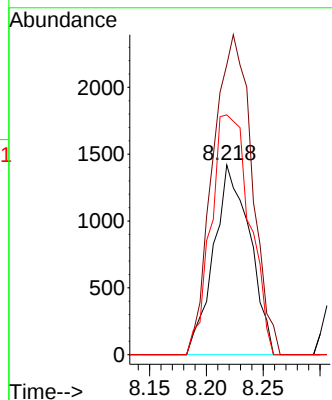
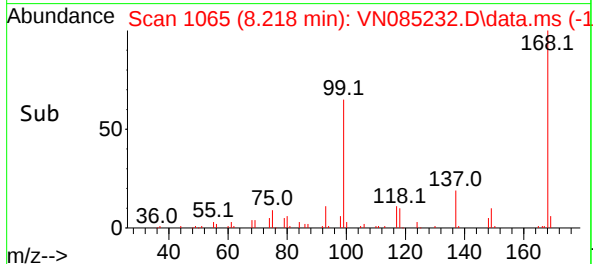


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

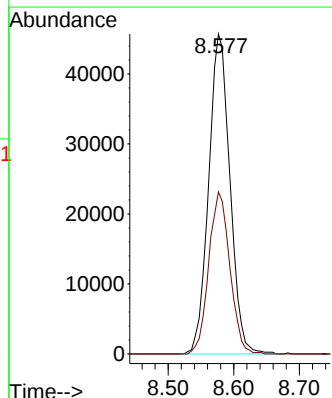
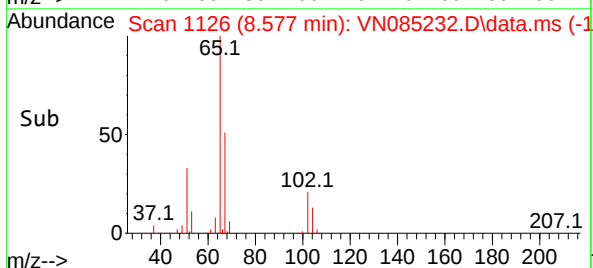
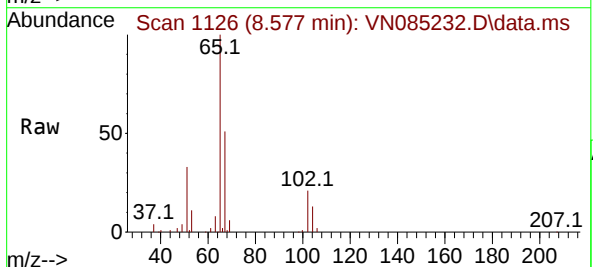


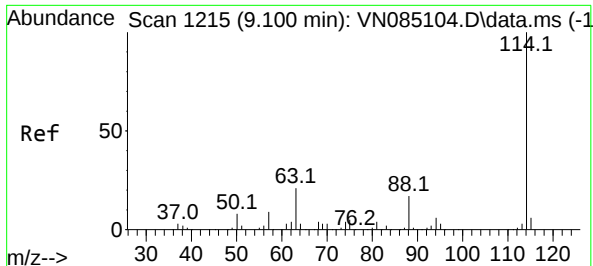
Tgt Ion: 56 Resp: 3149
Ion Ratio Lower Upper
56 100
69 152.7 24.6 36.8#
84 126.3 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 50.960 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 65 Resp: 103007
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.0

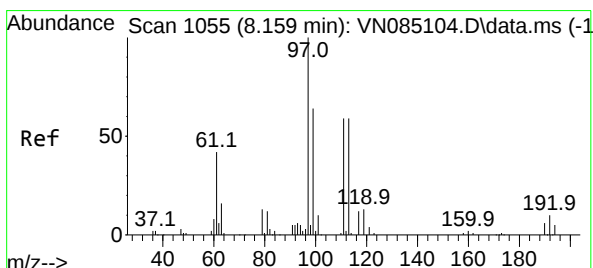
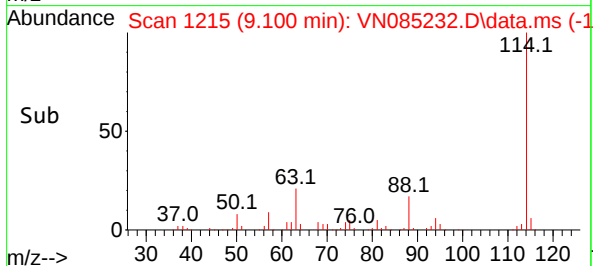
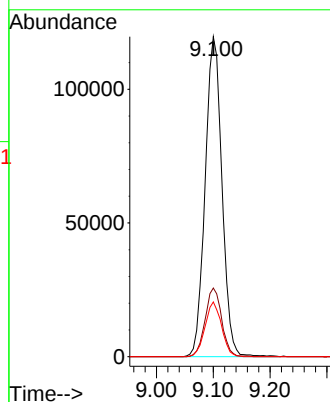
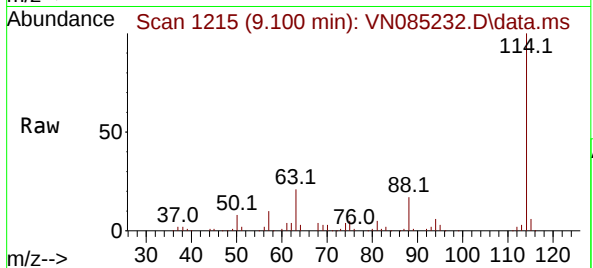




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

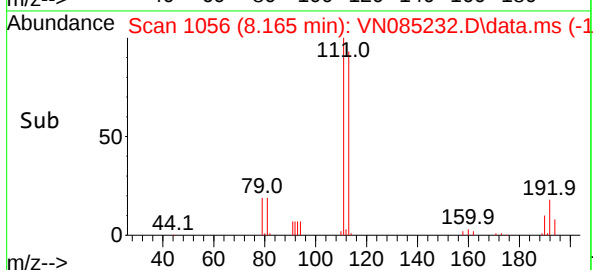
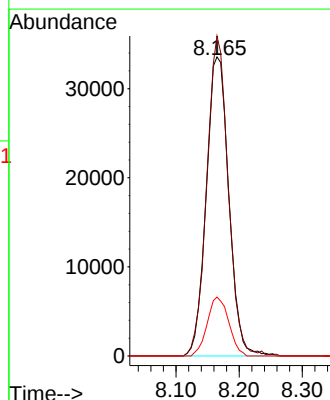
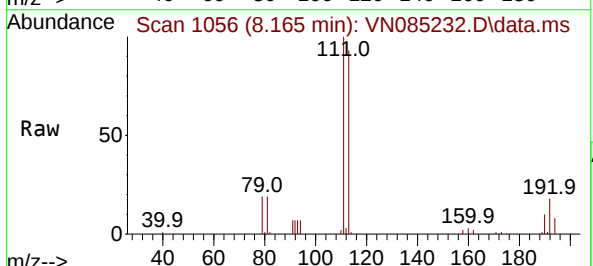
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ClientSampleId :

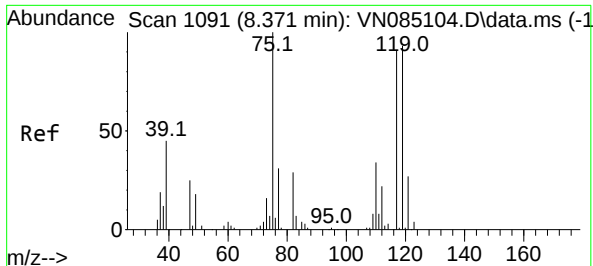
Tgt Ion:114 Resp: 245442
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.0
88 17.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.323 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Tgt Ion:113 Resp: 83293
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 18.8 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.820 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085232.D

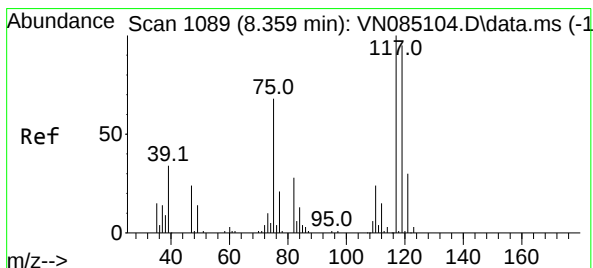
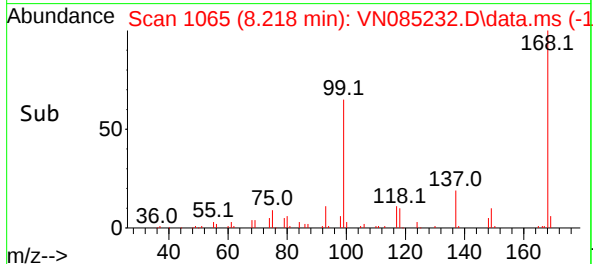
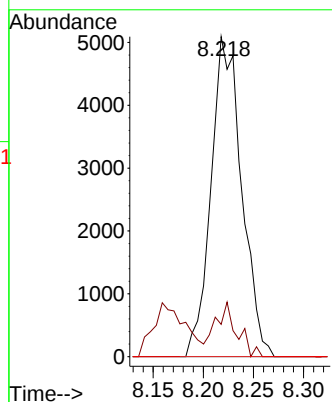
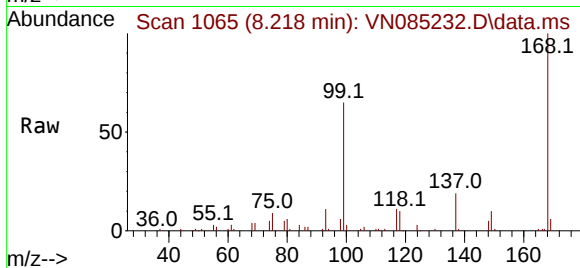
Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	10805
Ion	Ratio	Lower	Upper
75	100		
110	11.9	17.2	51.6#
77	0.0	24.2	36.4#



#38

Carbon Tetrachloride

Concen: 5.855 ug/l

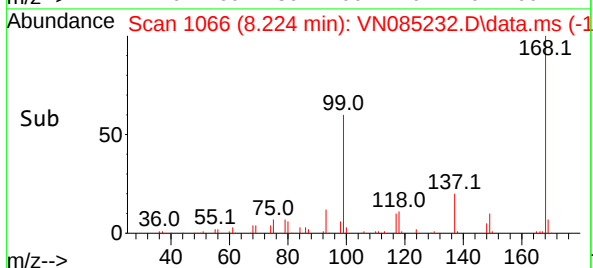
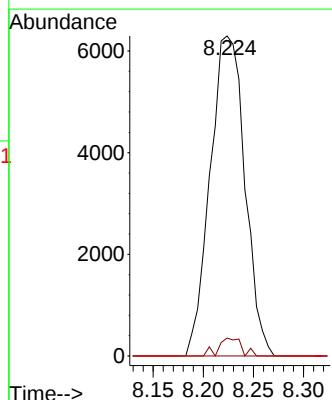
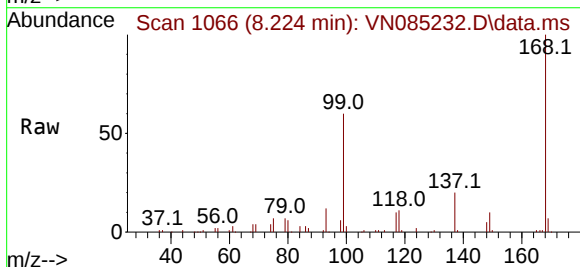
RT: 8.224 min Scan# 1066

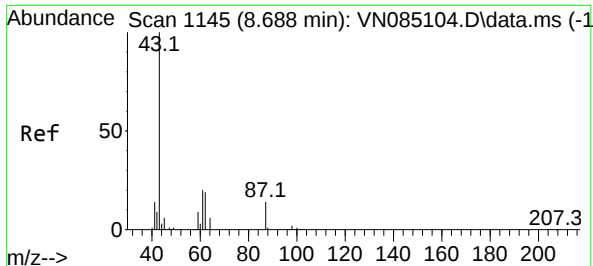
Delta R.T. -0.130 min

Lab File: VN085232.D

Acq: 17 Dec 2024 18:21

Tgt Ion:	117	Resp:	15151
Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.6	117.8#
121	0.0	24.2	36.2#

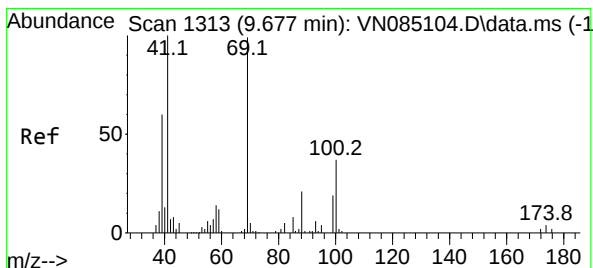
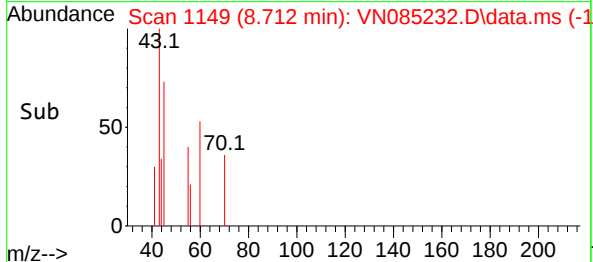
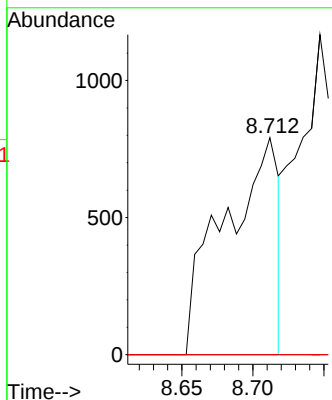
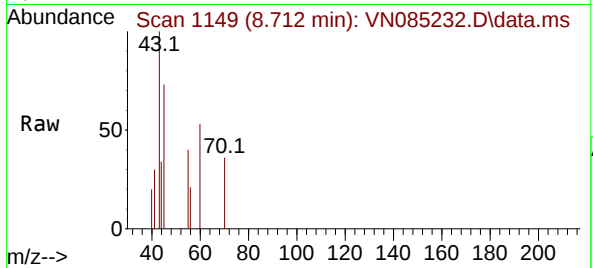




#43
Isopropyl Acetate
Concen: 0.496 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.029 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

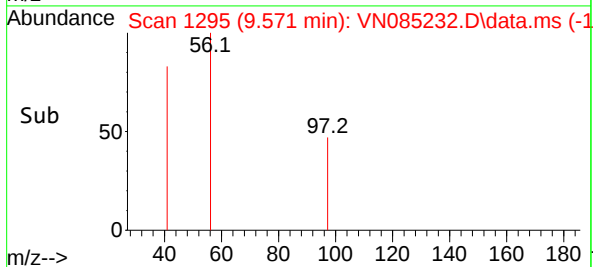
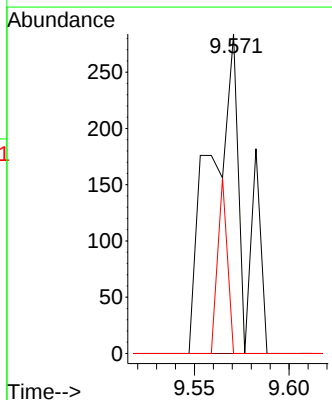
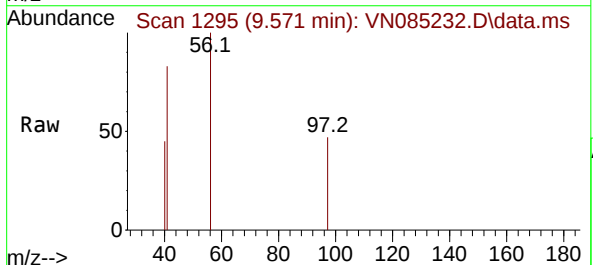
Instrument :
MSVOA_N
ClientSampleId :

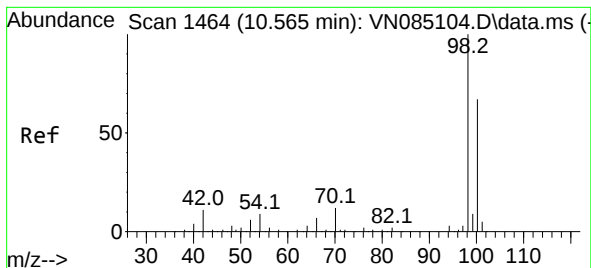
Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#



#48
Methyl methacrylate
Concen: 0.218 ug/l
RT: 9.571 min Scan# 1295
Delta R.T. -0.106 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 41 Resp: 344
Ion Ratio Lower Upper
41 100
69 0.0 73.2 109.8#
39 16.0 46.2 69.4#

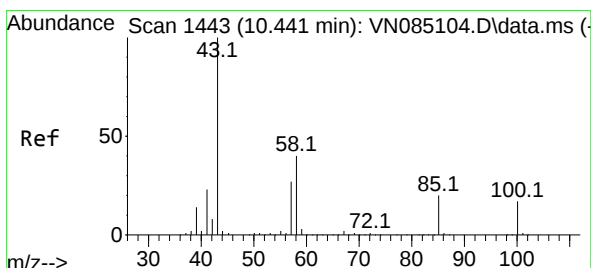
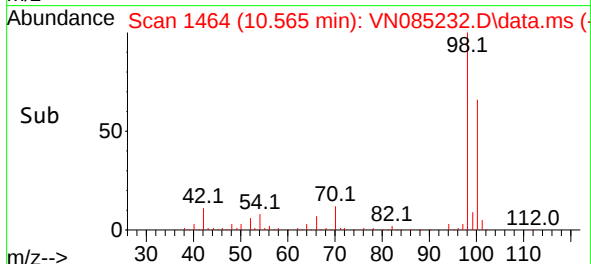
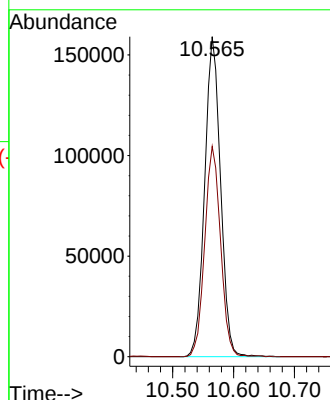
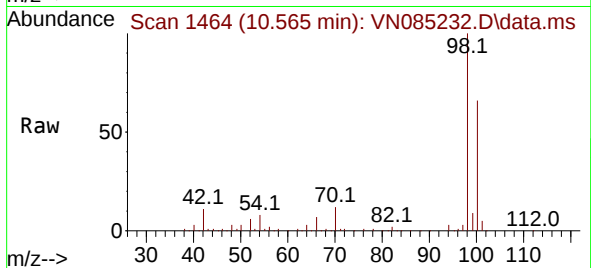




#50
Toluene-d8
Concen: 48.637 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

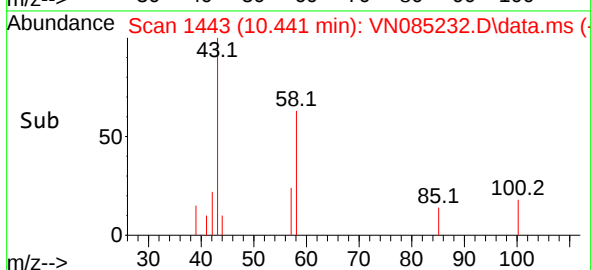
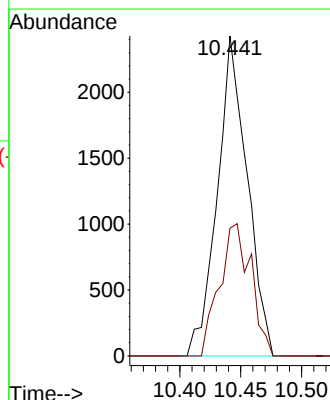
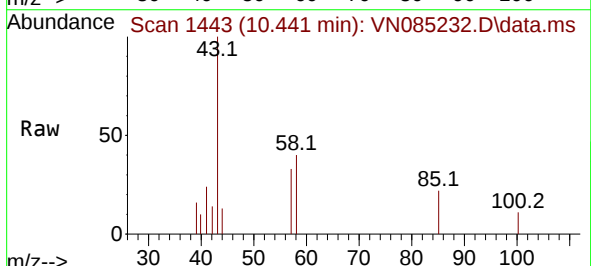
Instrument :
MSVOA_N
ClientSampleId :

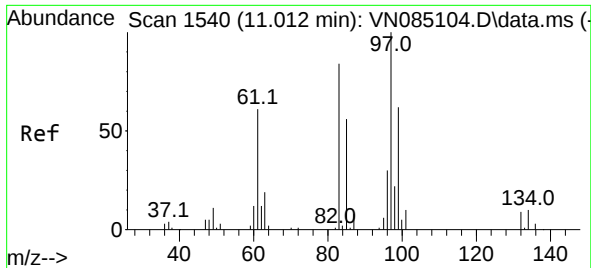
Tgt Ion: 98 Resp: 288503
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 2.141 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

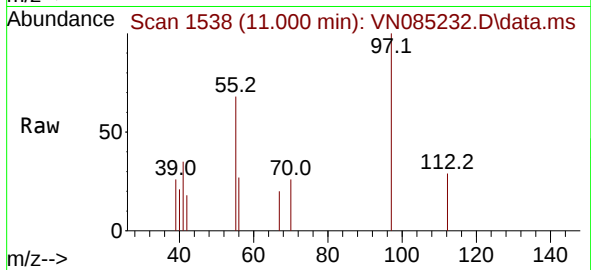
Tgt Ion: 43 Resp: 4140
Ion Ratio Lower Upper
43 100
58 43.6 32.1 48.1



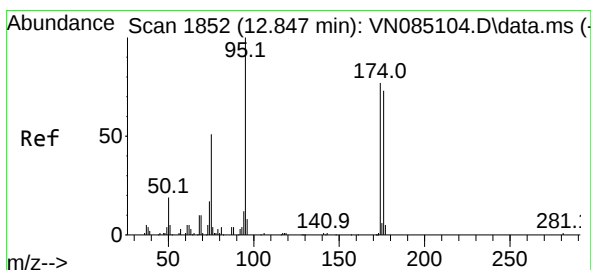
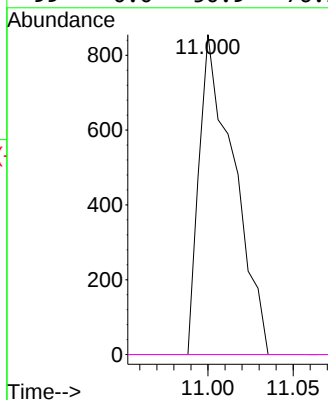
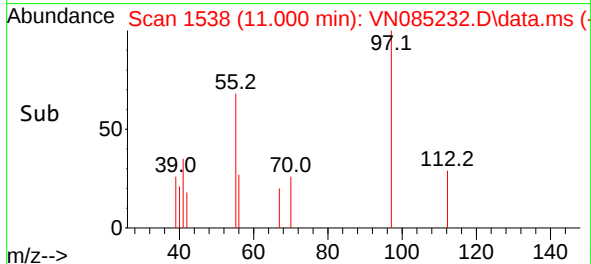


#55
 1,1,2-Trichloroethane
 Concen: 0.774 ug/l
 RT: 11.000 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VN085232.D
 Acq: 17 Dec 2024 18:21

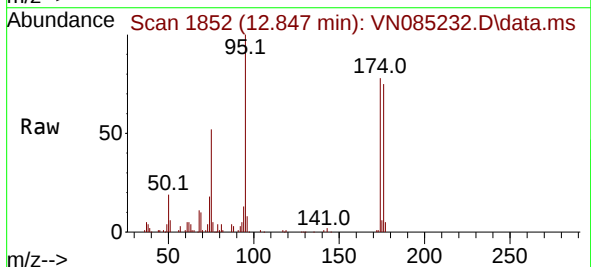
Instrument :
 MSVOA_N
 ClientSampleId :



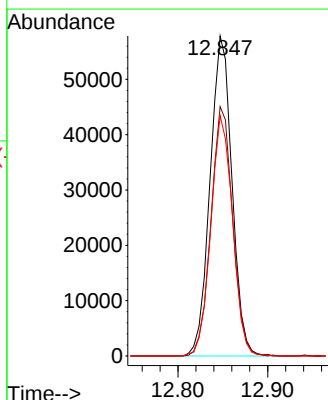
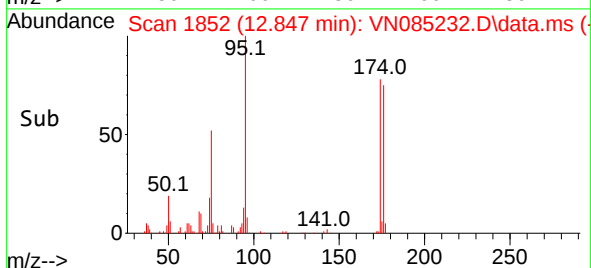
Tgt Ion: 97	Resp:	1210
Ion Ratio	Lower	Upper
97	100	
83	0.0	67.4 101.2#
85	0.0	43.1 64.7#
99	0.0	50.9 76.3#

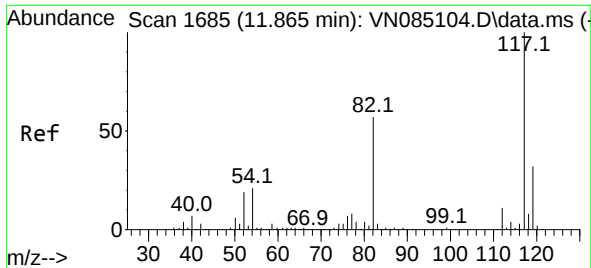


#62
 4-Bromofluorobenzene
 Concen: 44.145 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN085232.D
 Acq: 17 Dec 2024 18:21



Tgt Ion: 95	Resp:	97926
Ion Ratio	Lower	Upper
95	100	
174	77.4	0.0 146.6
176	74.3	0.0 141.8

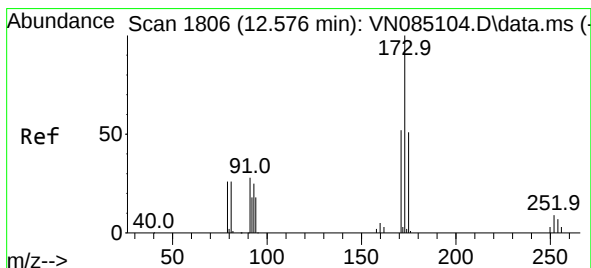
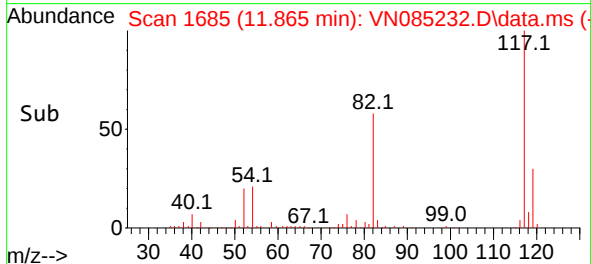
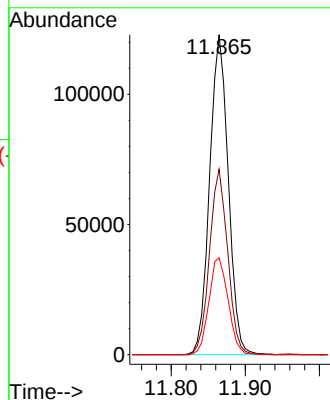
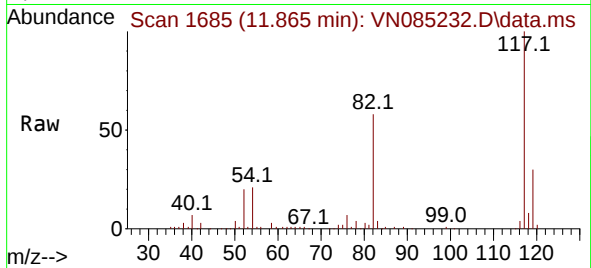




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

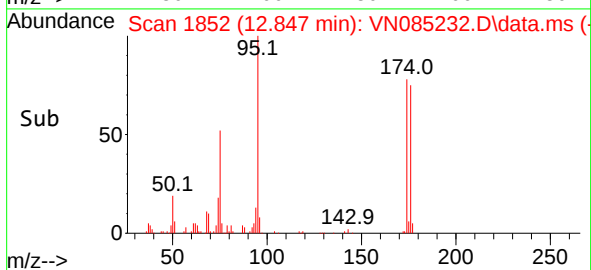
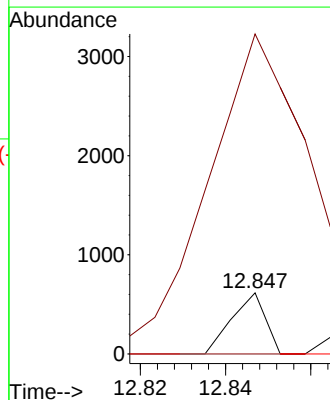
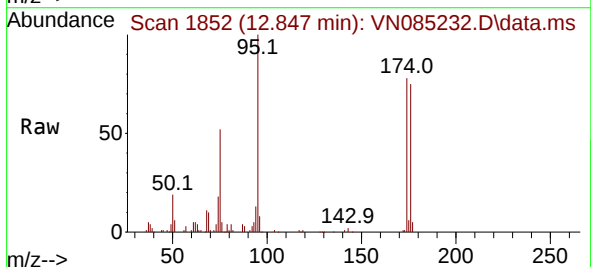
Instrument :
MSVOA_N
ClientSampleId :

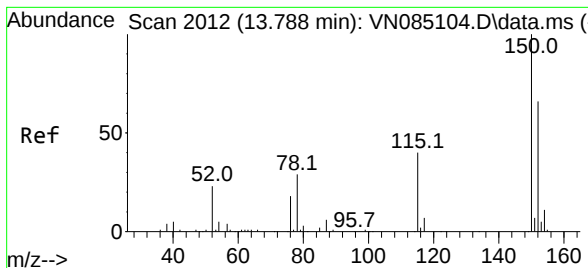
Tgt Ion:117 Resp: 214558
Ion Ratio Lower Upper
117 100
82 58.0 46.0 69.0
119 30.3 25.6 38.4



#71
Bromoform
Concen: 0.266 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Tgt Ion:173 Resp: 338
Ion Ratio Lower Upper
173 100
175 1191.7 23.8 71.2#
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: VN085232.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_N

ClientSampleId :

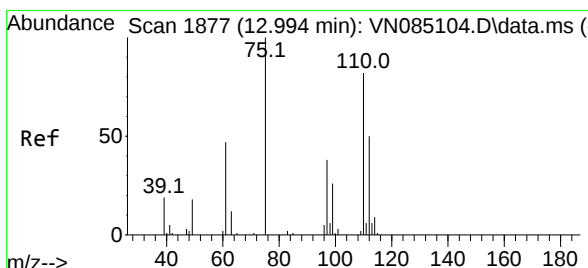
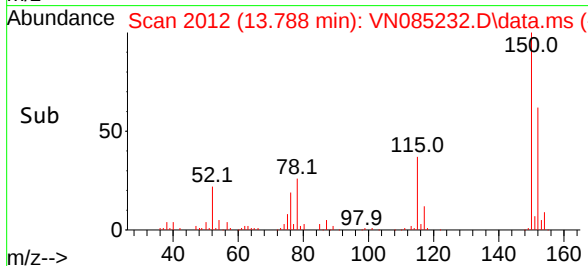
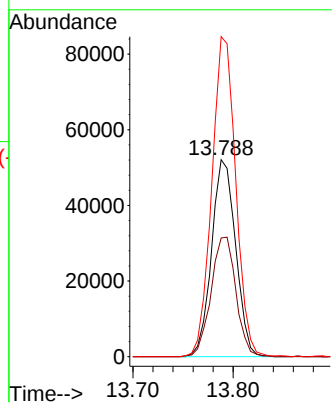
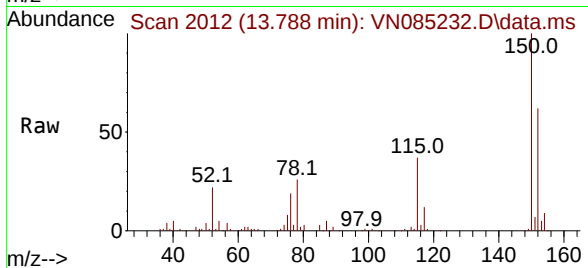
Tgt Ion:152 Resp: 86832

Ion Ratio Lower Upper

152 100

115 62.8 31.7 95.1

150 161.9 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 32.593 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085232.D

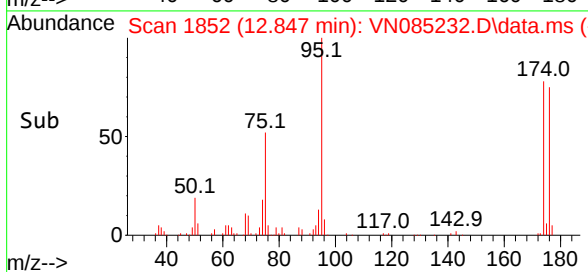
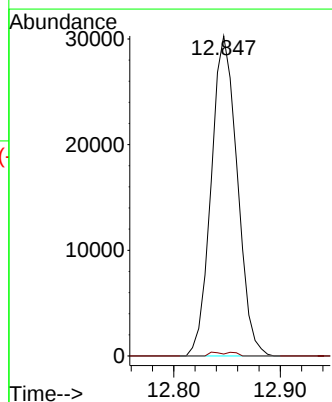
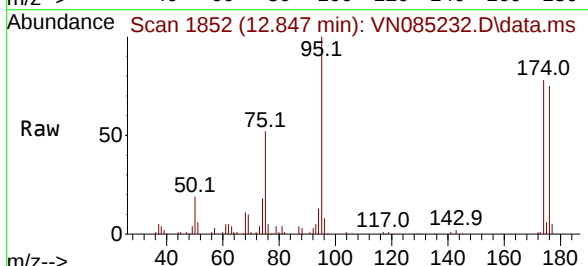
Acq: 17 Dec 2024 18:21

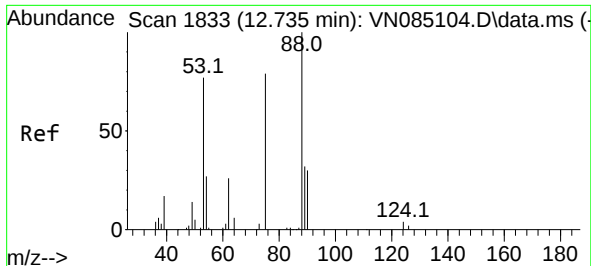
Tgt Ion: 75 Resp: 51477

Ion Ratio Lower Upper

75 100

77 0.6 109.1 327.4#

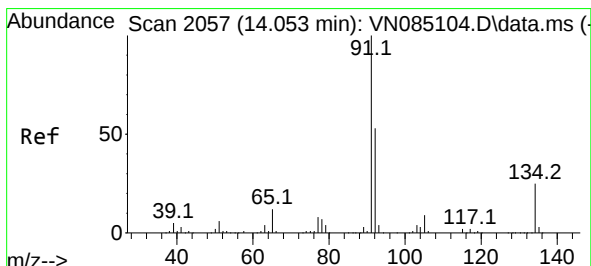
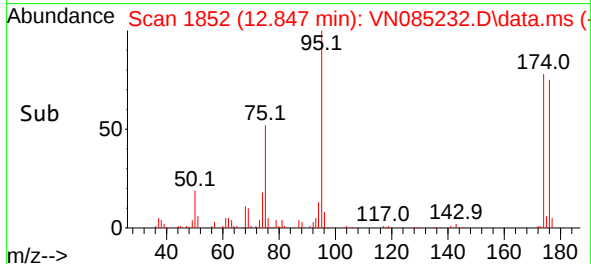
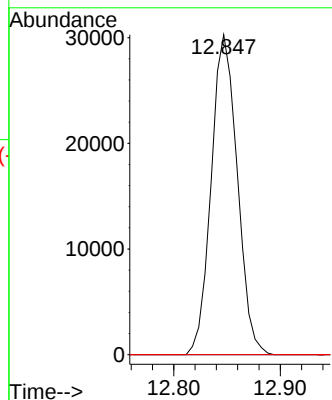
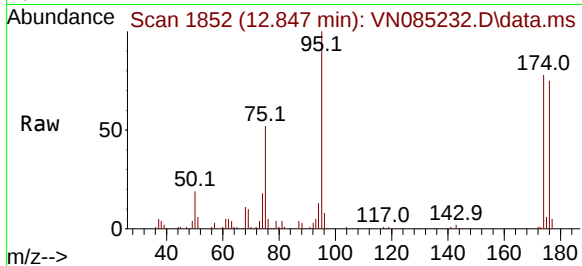




#81
trans-1,4-Dichloro-2-butene
Concen: 71.950 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

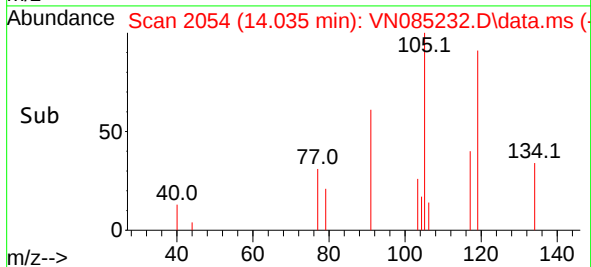
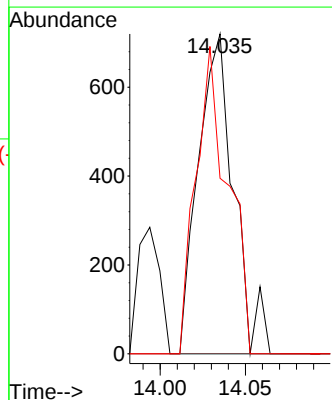
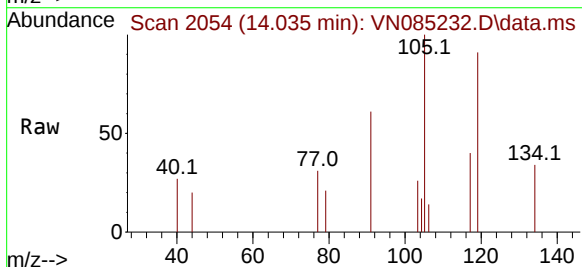
Instrument :
MSVOA_N
ClientSampleId :

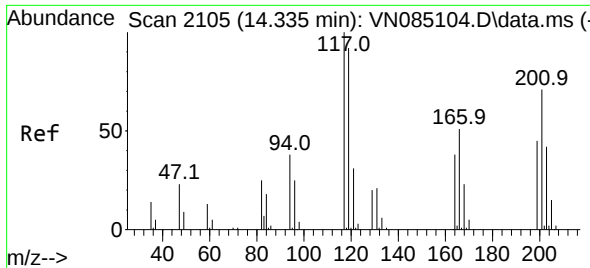
Tgt Ion: 75 Resp: 51477
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



#89
n-Butylbenzene
Concen: 0.228 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.018 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 91 Resp: 1045
Ion Ratio Lower Upper
91 100
92 0.0 26.8 80.3#
134 86.9 12.8 38.4#

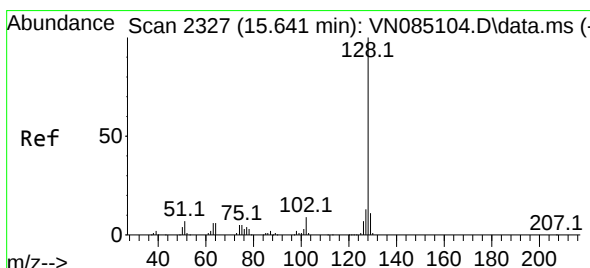
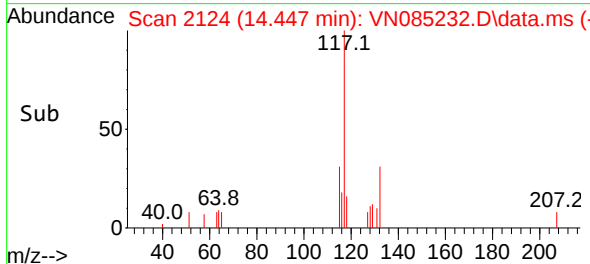
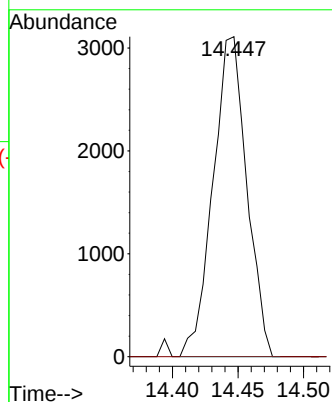
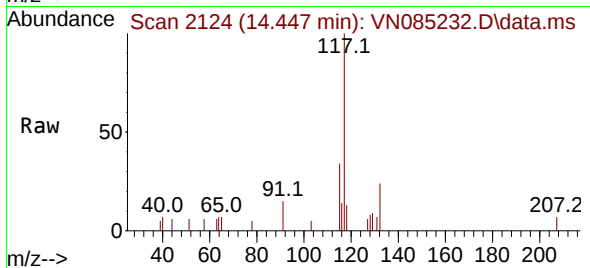




#90
Hexachloroethane
Concen: 5.183 ug/l
RT: 14.447 min Scan# 2105
Delta R.T. 0.118 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 5572
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#



#95
Naphthalene
Concen: 1.169 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085232.D
Acq: 17 Dec 2024 18:21

Tgt Ion:128 Resp: 5638
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 9.0 8.6 12.8

