

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085194.D
 Acq On : 13 Dec 2024 14:16
 Operator : JC\MD
 Sample : P5270-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 23:33:33 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)

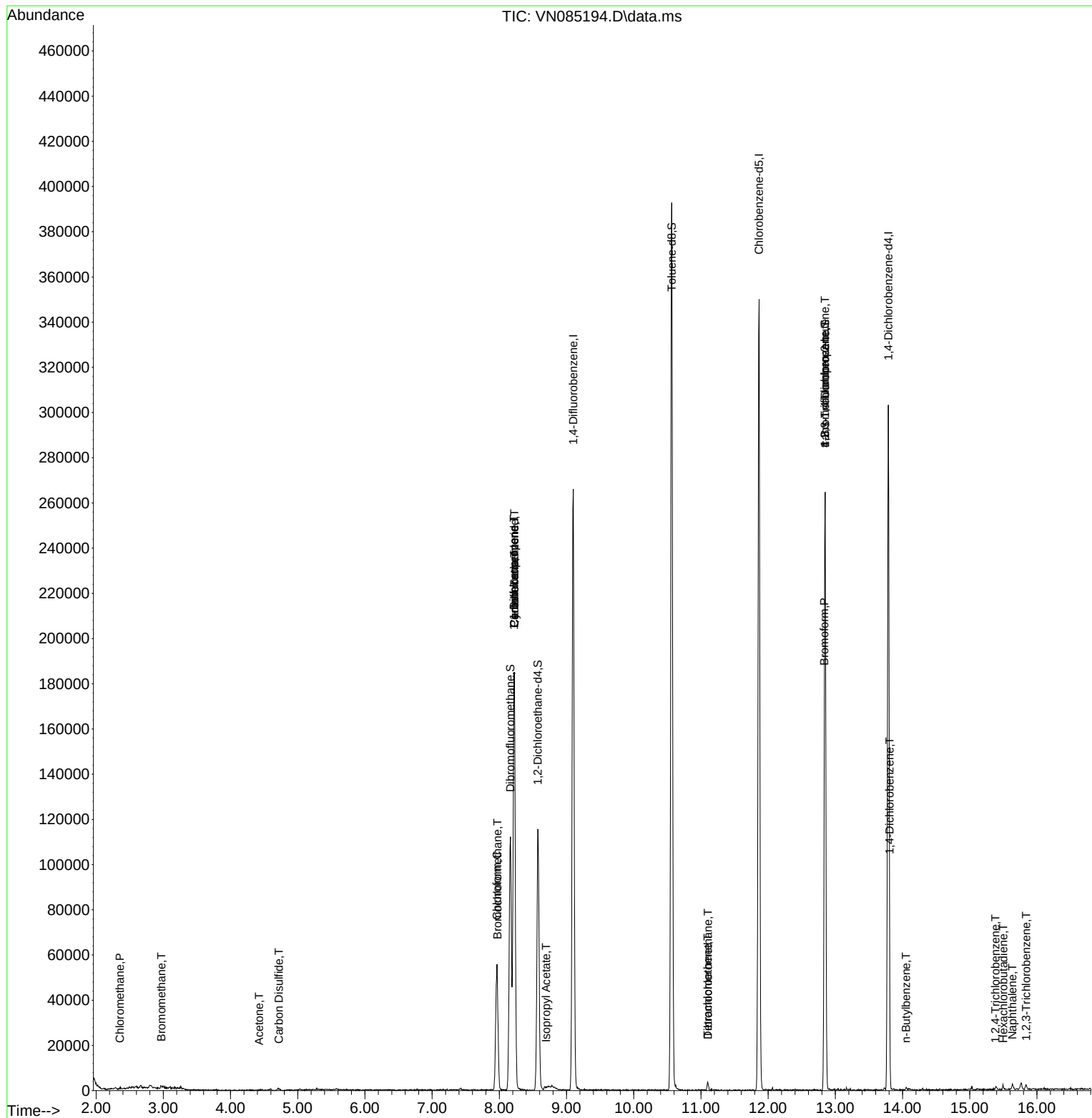
Internal Standards						
1) Pentafluorobenzene	8.224	168	134343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	97217	50.803	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.600%	
35) Dibromofluoromethane	8.165	113	81390	51.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.280%	
50) Toluene-d8	10.565	98	275639	48.804	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.600%	
62) 4-Bromofluorobenzene	12.847	95	93207	44.130	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	653	0.371	ug/l	89
5) Bromomethane	2.971	94	602	0.678	ug/l	84
16) Acetone	4.424	43	184	0.330	ug/l #	43
17) Carbon Disulfide	4.718	76	1078	0.256	ug/l #	77
18) Methyl Acetate	5.024	43	231	Below Cal	#	50
28) Bromochloromethane	7.971	49	4025	3.683	ug/l #	14
30) Chloroform	7.965	83	52513	17.051	ug/l	97
31) Cyclohexane	8.224	56	2786	1.093	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11265	5.277	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14022	5.691	ug/l #	16
43) Isopropyl Acetate	8.694	43	1155	0.287	ug/l #	55
60) Dibromochloromethane	11.106	129	793	0.436	ug/l #	10
64) Tetrachloroethene	11.100	164	923	0.677	ug/l #	73
71) Bromoform	12.835	173	663	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	48518	32.646	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	48518	72.069	ug/l #	10
88) 1,4-Dichlorobenzene	13.806	146	922	0.295	ug/l #	9
89) n-Butylbenzene	14.053	91	938	0.217	ug/l #	84
93) 1,2,4-Trichlorobenzene	15.382	180	636	0.399	ug/l #	81
94) Hexachlorobutadiene	15.500	225	400	0.544	ug/l	83
95) Naphthalene	15.635	128	3085	0.680	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.841	180	1015	0.668	ug/l	92

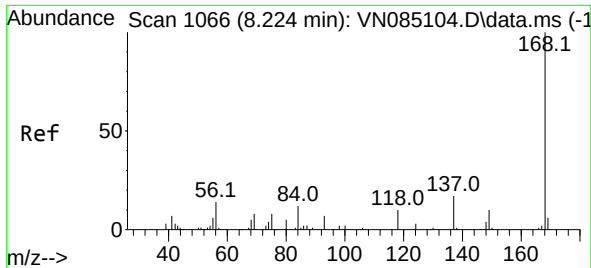
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
Data File : VN085194.D
Acq On : 13 Dec 2024 14:16
Operator : JC\MD
Sample : P5270-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 13 23:33:33 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

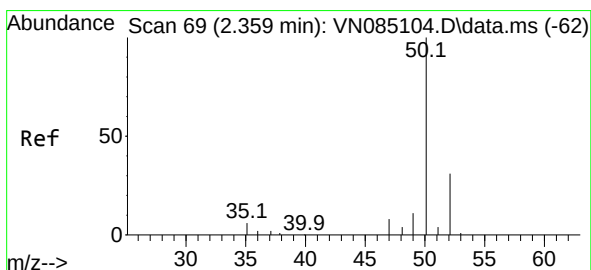
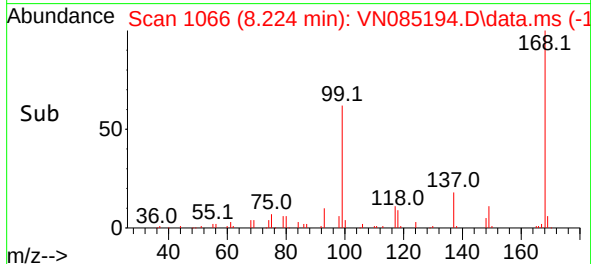
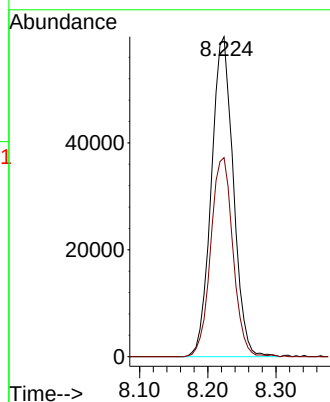
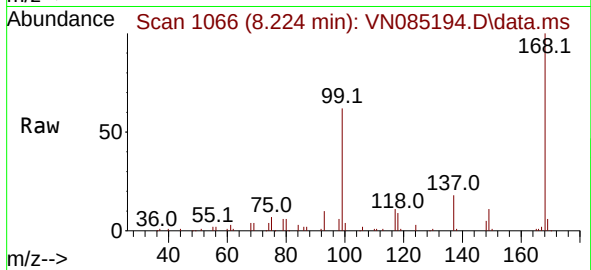




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

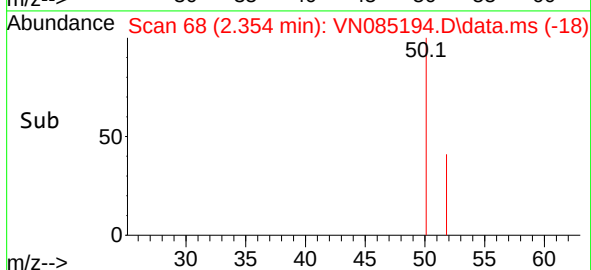
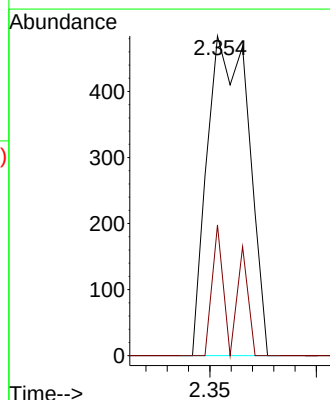
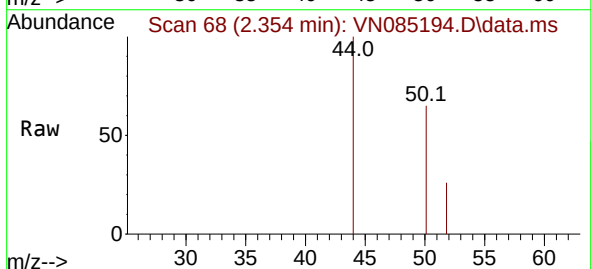
Instrument :
MSVOA_N
ClientSampleId :

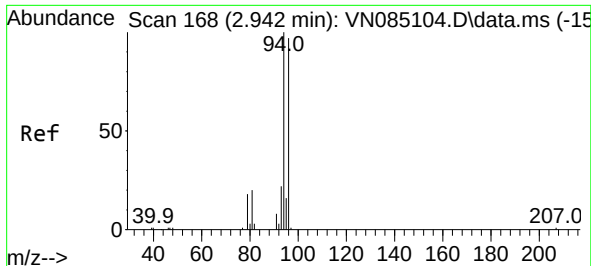
Tgt Ion:168 Resp: 134343
Ion Ratio Lower Upper
168 100
99 62.2 51.2 76.8



#3
Chloromethane
Concen: 0.371 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion: 50 Resp: 653
Ion Ratio Lower Upper
50 100
52 40.9 27.8 41.8

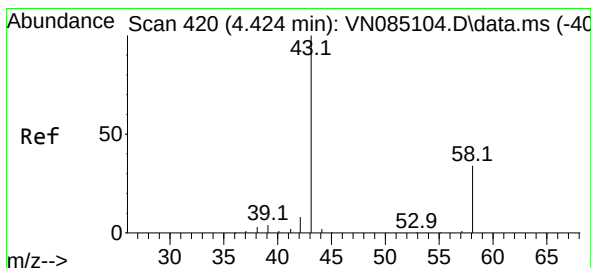
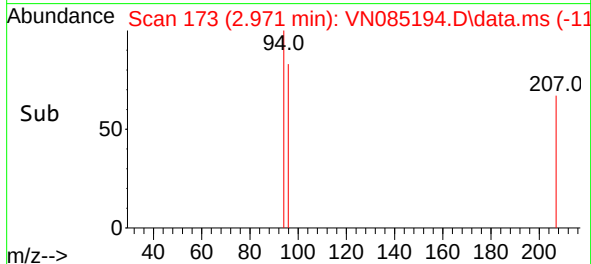
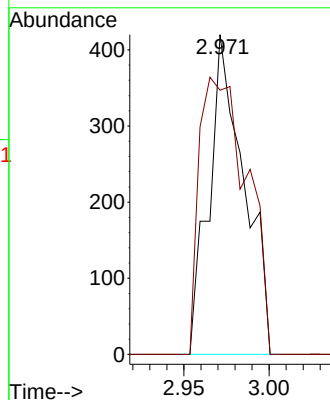
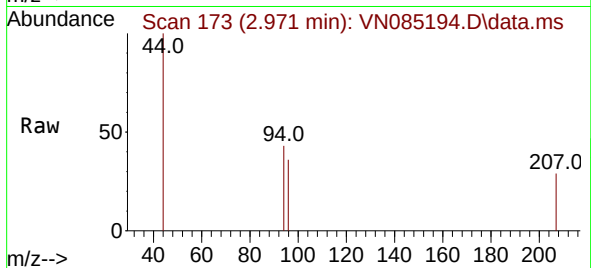




#5
Bromomethane
Concen: 0.678 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.071 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

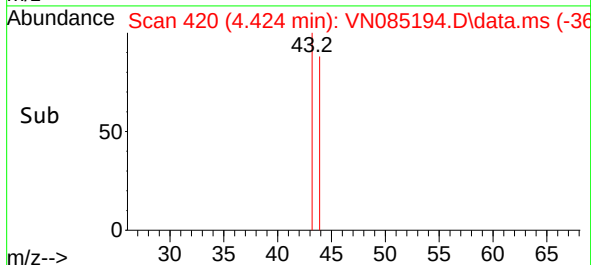
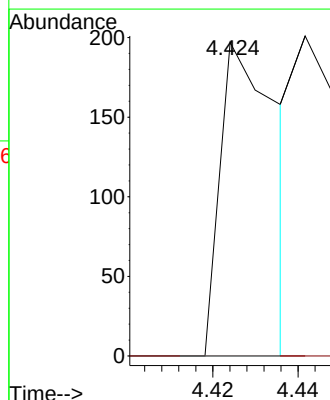
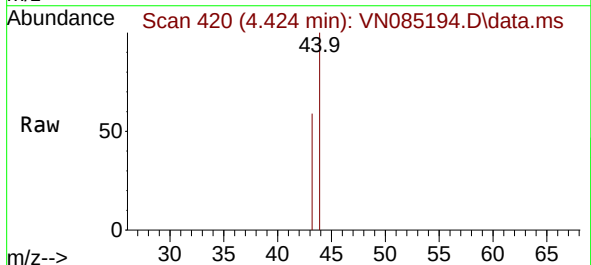
Instrument :
MSVOA_N
ClientSampleId :

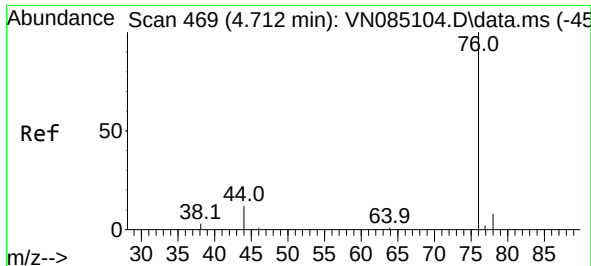
Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 82.6 78.7 118.1



#16
Acetone
Concen: 0.330 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

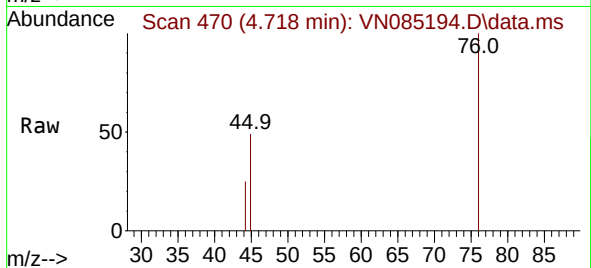
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



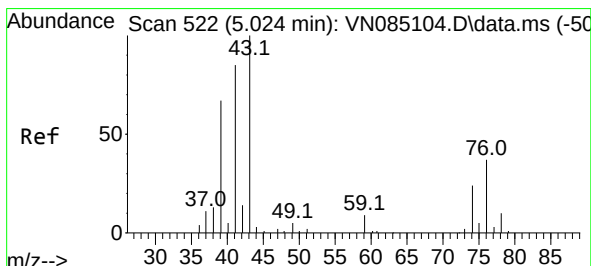
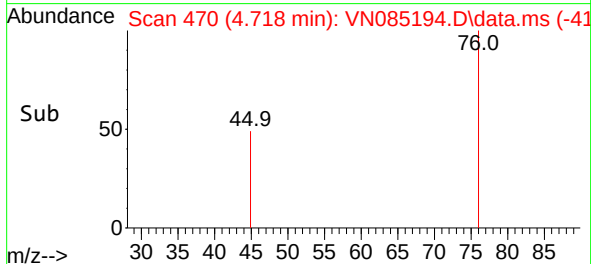
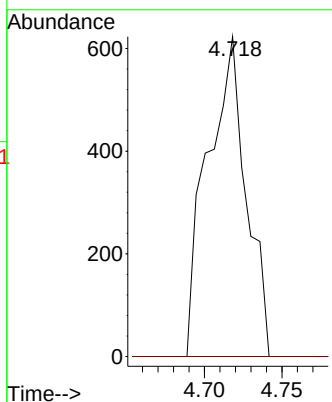


#17
Carbon Disulfide
Concen: 0.256 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :

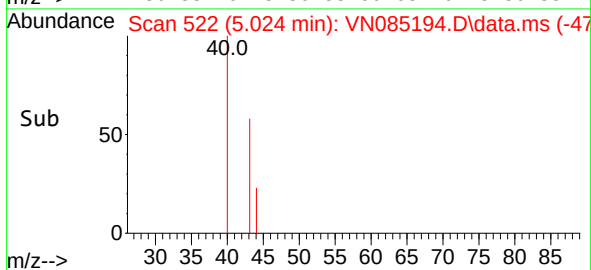
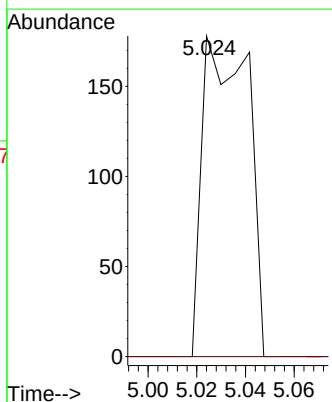
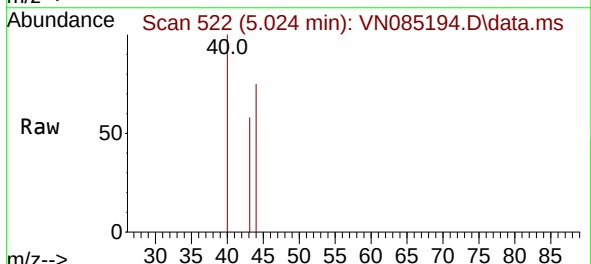


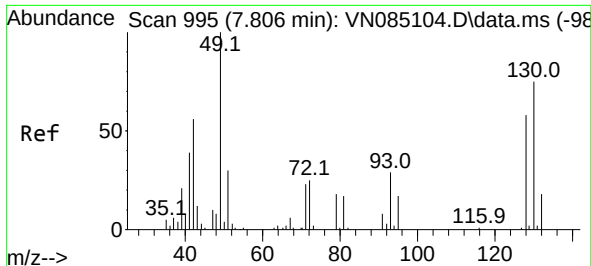
Tgt Ion: 76 Resp: 1078
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#

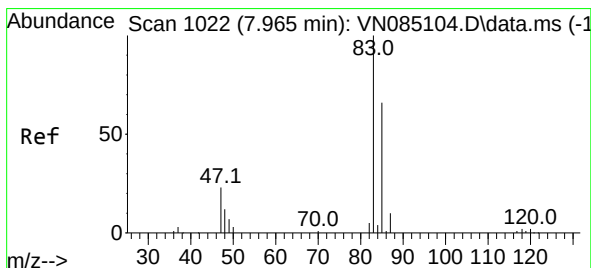
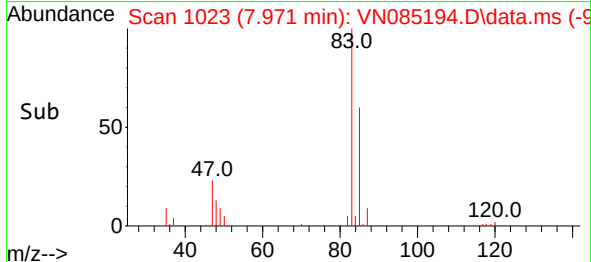
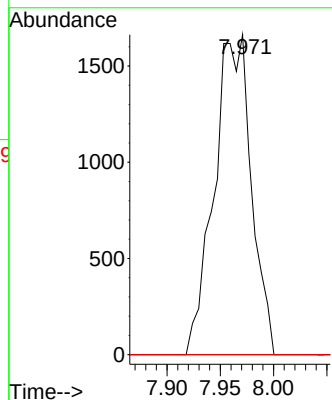
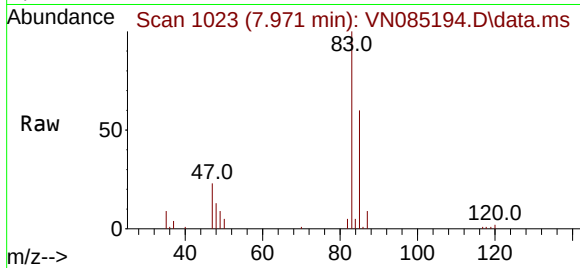




#28
Bromochloromethane
Concen: 3.683 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.165 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

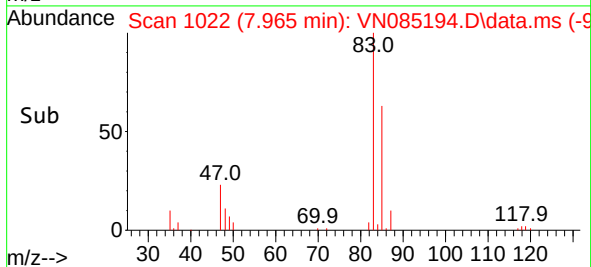
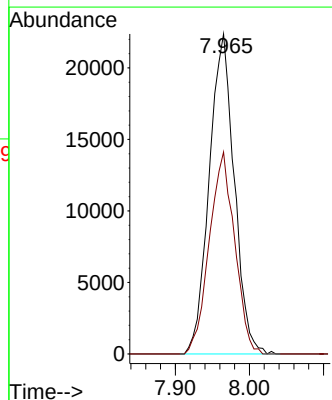
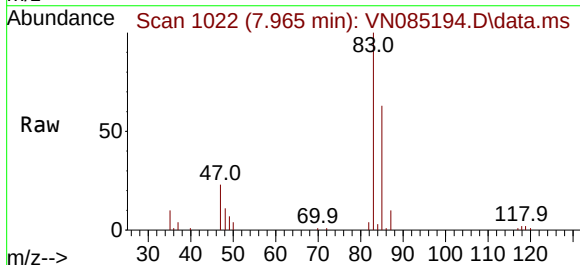
Instrument :
MSVOA_N
ClientSampleId :

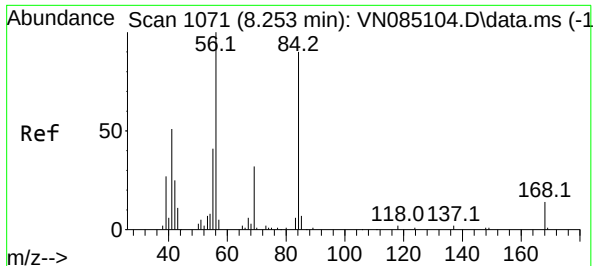
Tgt Ion: 49 Resp: 4025
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 60.6 90.8#



#30
Chloroform
Concen: 17.051 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

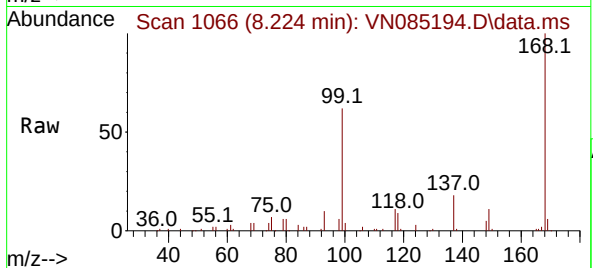
Tgt Ion: 83 Resp: 52513
Ion Ratio Lower Upper
83 100
85 63.1 52.6 78.8



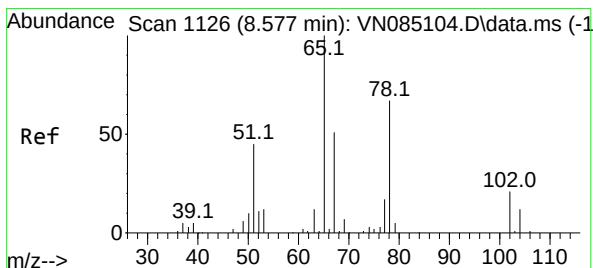
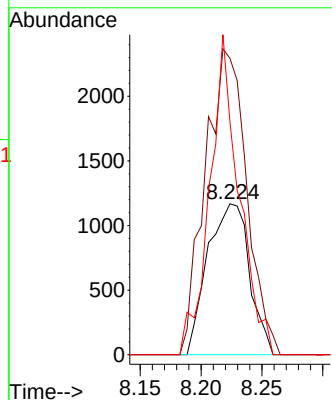
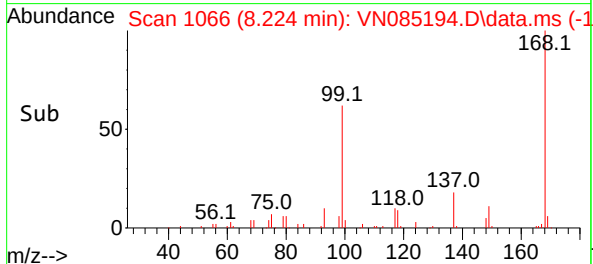


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :

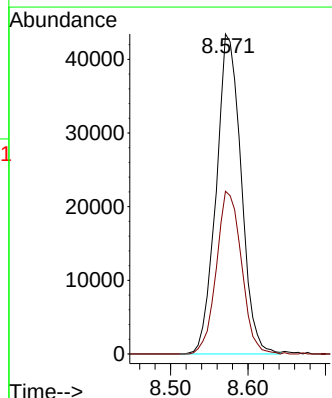
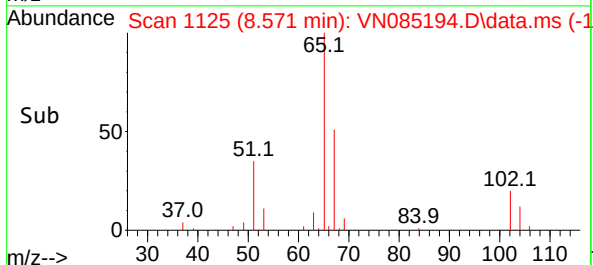
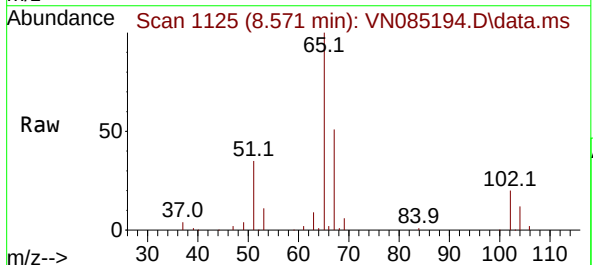


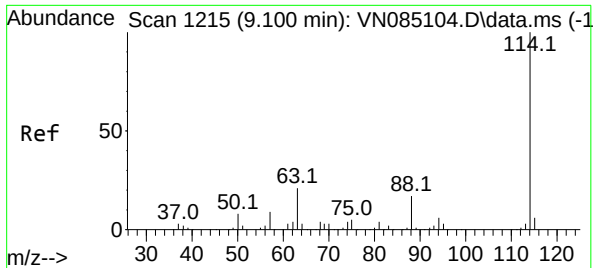
Tgt Ion: 56 Resp: 2786
Ion Ratio Lower Upper
56 100
69 196.4 24.6 36.8#
84 154.2 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 50.803 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion: 65 Resp: 97217
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.0

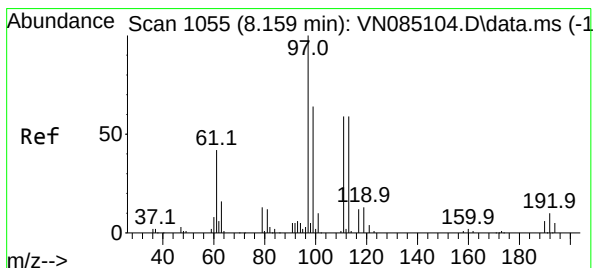
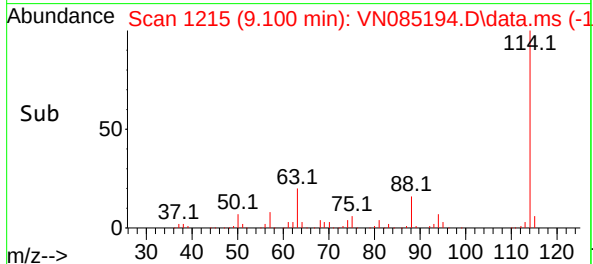
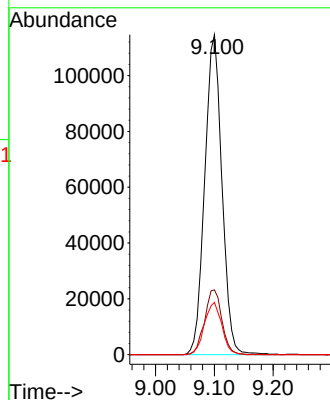
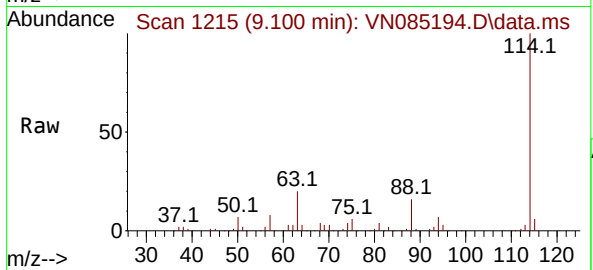




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

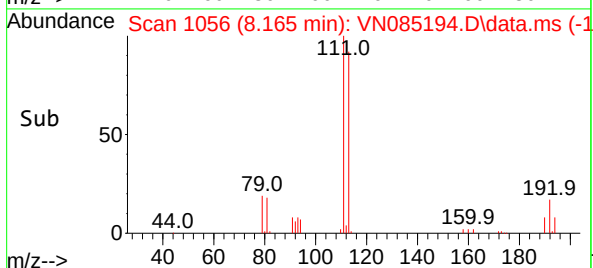
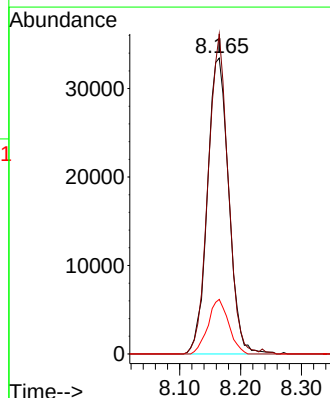
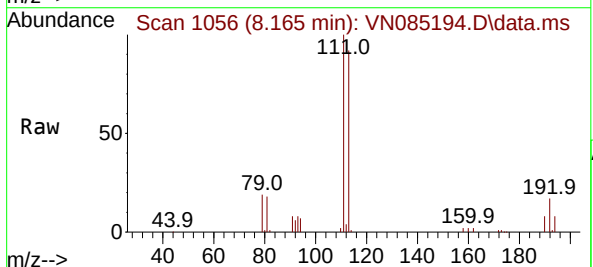
Instrument :
MSVOA_N
ClientSampleId :

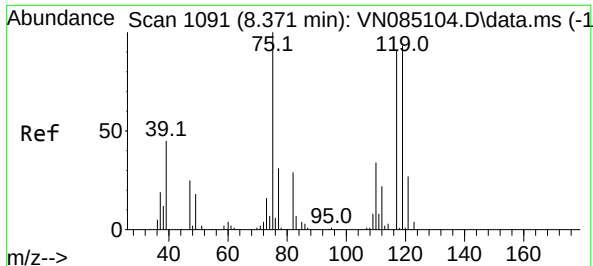
Tgt Ion:114 Resp: 233695
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 16.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.645 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

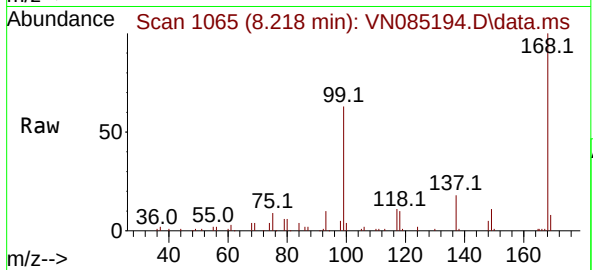
Tgt Ion:113 Resp: 81390
Ion Ratio Lower Upper
113 100
111 101.2 82.0 123.0
192 17.9 14.8 22.2



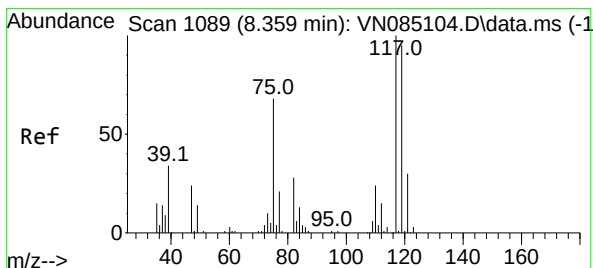
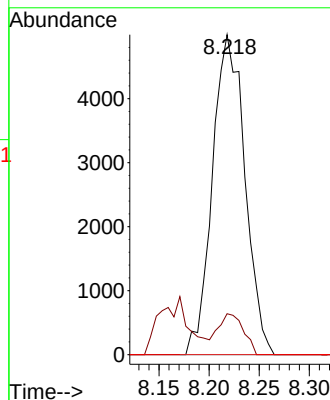
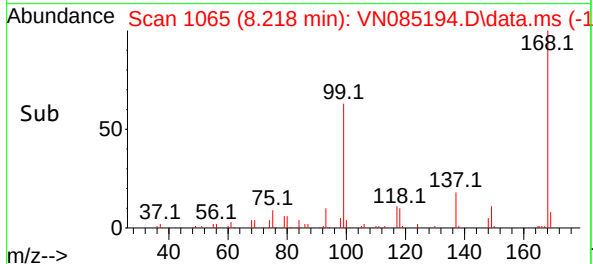


#36
1,1-Dichloropropene
Concen: 5.277 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :

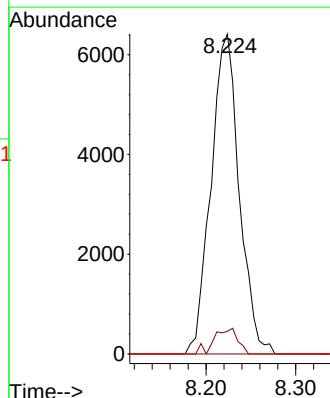
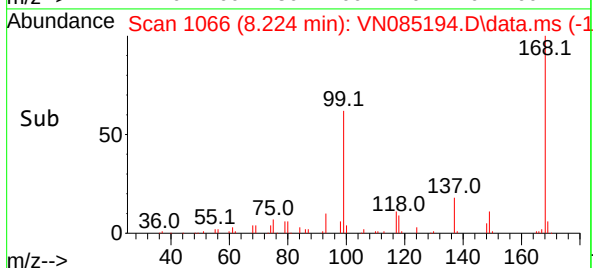
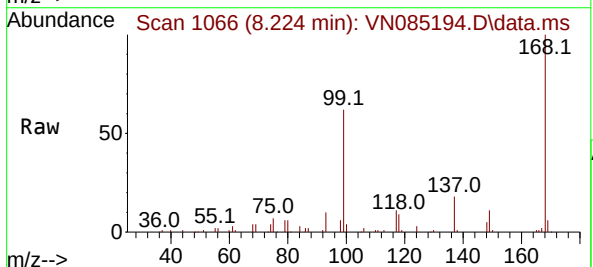


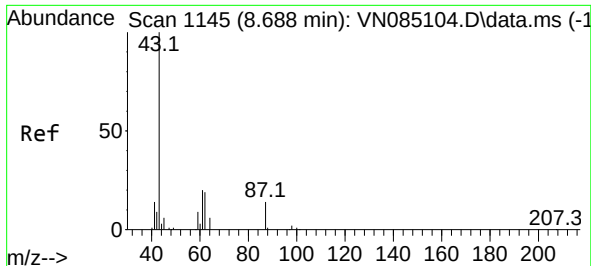
Tgt Ion: 75 Resp: 11265
Ion Ratio Lower Upper
75 100
110 10.0 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.129 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion: 117 Resp: 14022
Ion Ratio Lower Upper
117 100
119 7.0 78.6 117.8#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 0.287 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.012 min

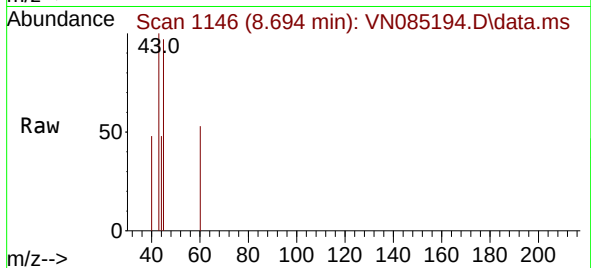
Lab File: VN085194.D

Acq: 13 Dec 2024 14:16

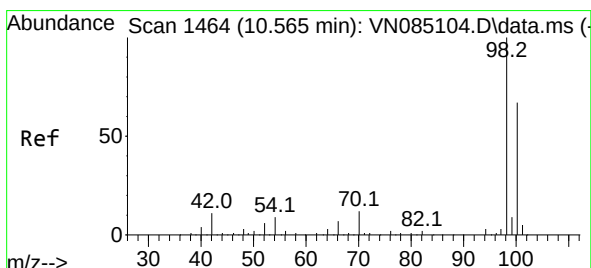
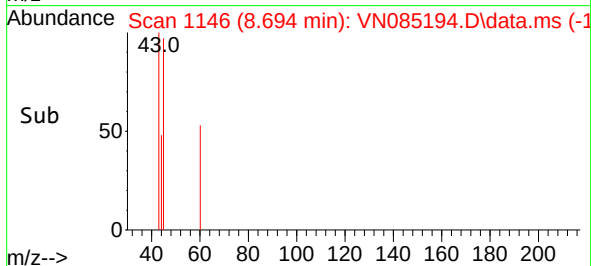
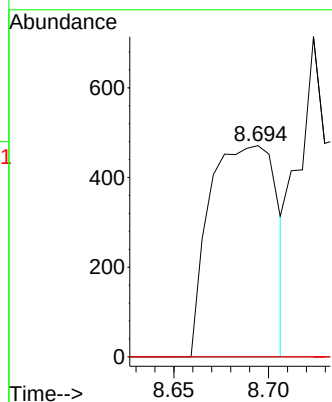
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 1155
Ion Ratio	Lower Upper
43	100
61	0.0 20.6 30.8#
87	0.0 11.0 16.4#



#50

Toluene-d8

Concen: 48.804 ug/l

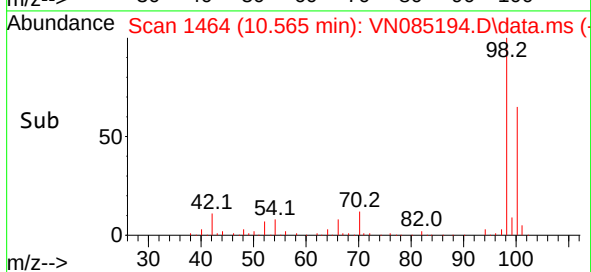
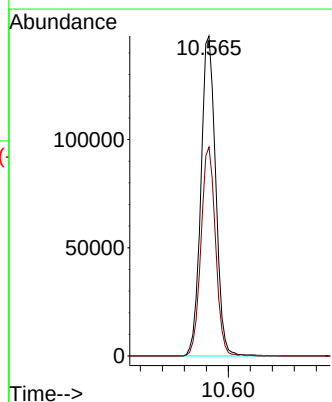
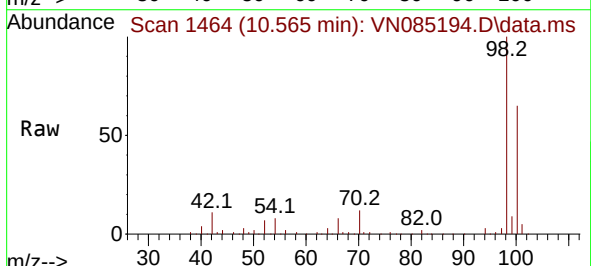
RT: 10.565 min Scan# 1464

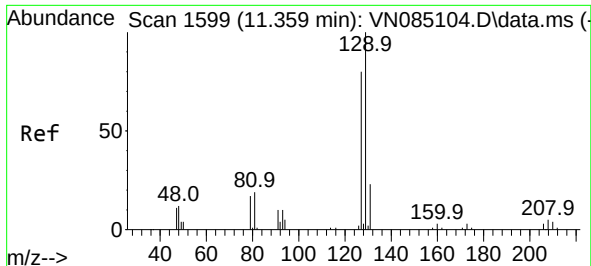
Delta R.T. -0.000 min

Lab File: VN085194.D

Acq: 13 Dec 2024 14:16

Tgt Ion: 98	Resp: 275639
Ion Ratio	Lower Upper
98	100
100	64.3 52.5 78.7

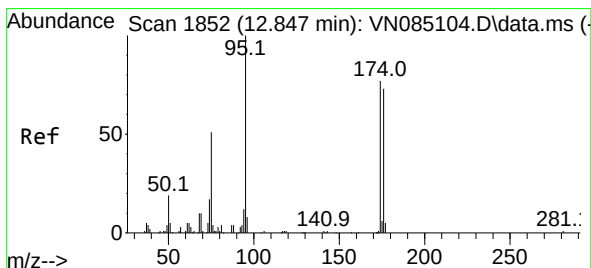
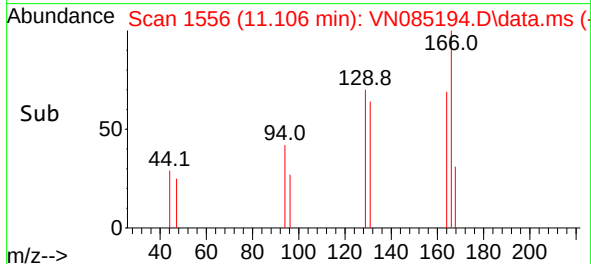
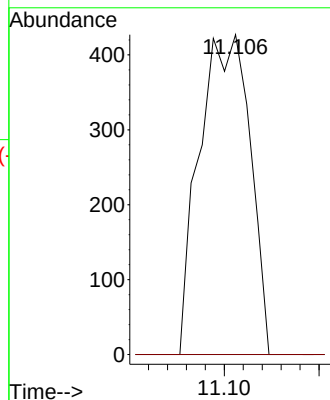
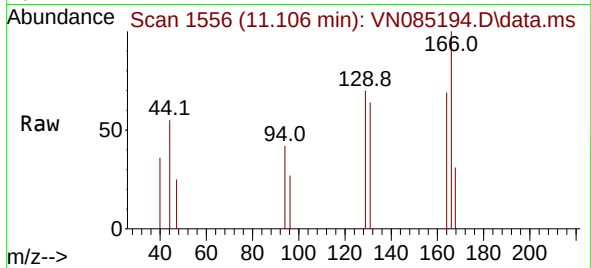




#60
Dibromochloromethane
Concen: 0.436 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

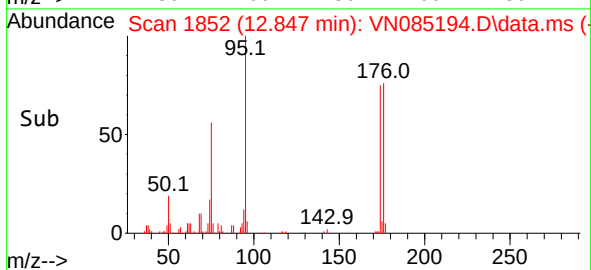
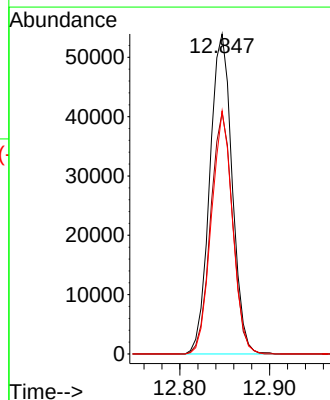
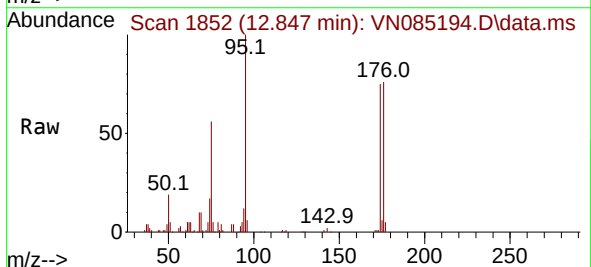
Instrument :
MSVOA_N
ClientSampleId :

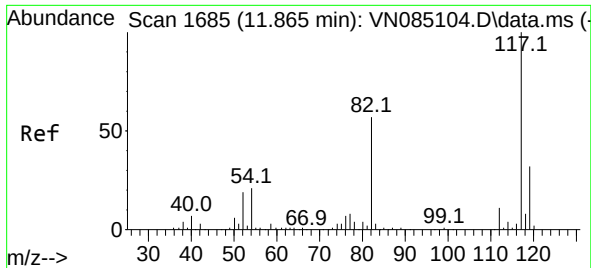
Tgt Ion:129 Resp: 793
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#62
4-Bromofluorobenzene
Concen: 44.130 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion: 95 Resp: 93207
Ion Ratio Lower Upper
95 100
174 74.4 0.0 146.6
176 71.8 0.0 141.8

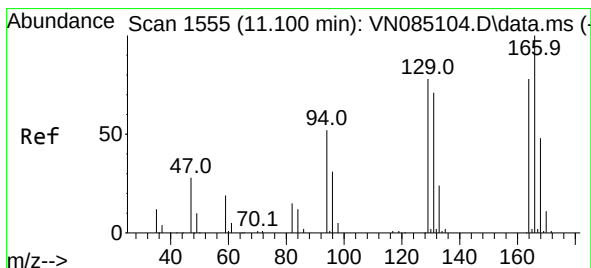
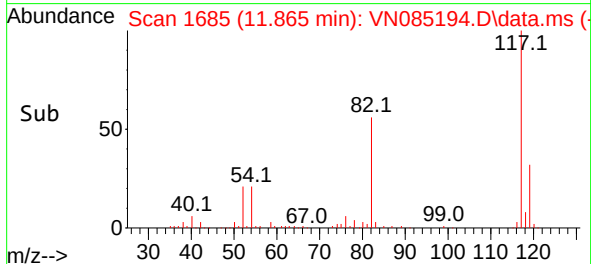
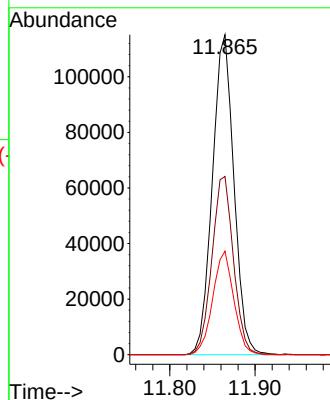
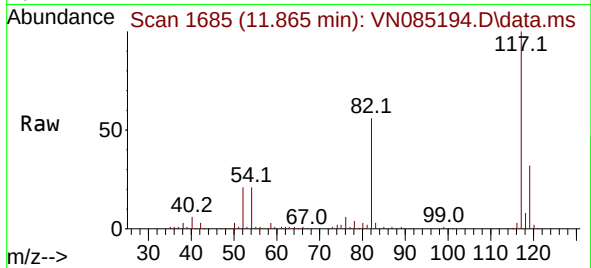




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

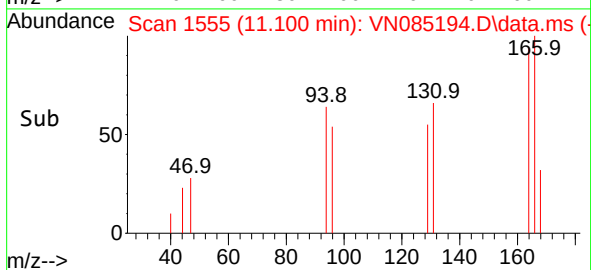
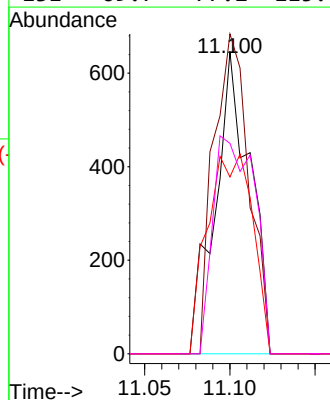
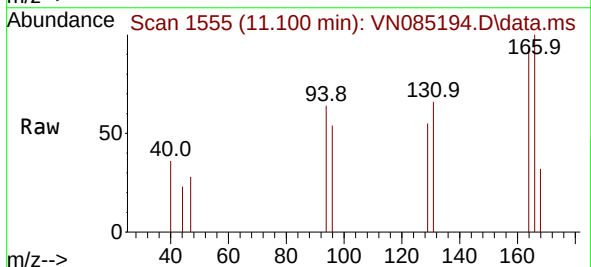
Instrument :
MSVOA_N
ClientSampleId :

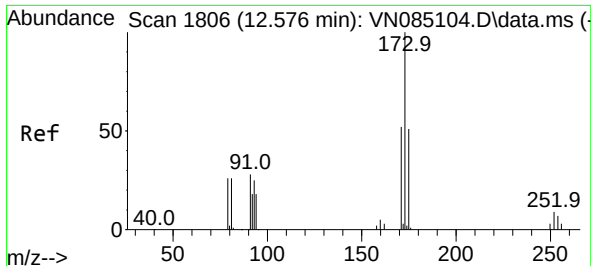
Tgt Ion:117 Resp: 202190
Ion Ratio Lower Upper
117 100
82 55.7 46.0 69.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 0.677 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion:164 Resp: 923
Ion Ratio Lower Upper
164 100
166 105.9 100.6 151.0
129 58.5 77.7 116.5#
131 69.7 77.2 115.8#

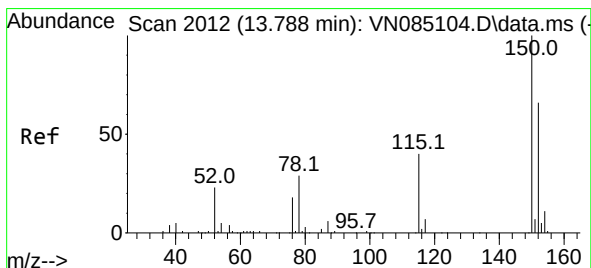
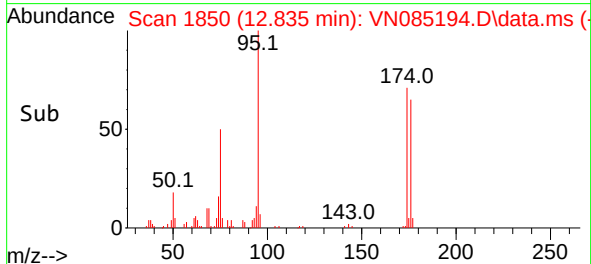
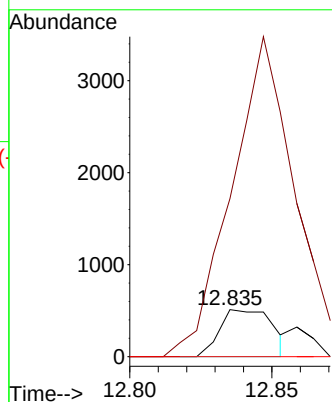
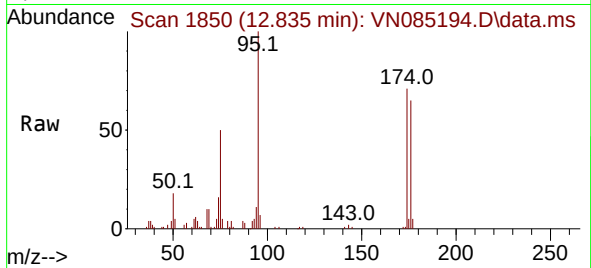




#71
Bromoform
Concen: 0.553 ug/l
RT: 12.835 min Scan# 1806
Delta R.T. 0.259 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

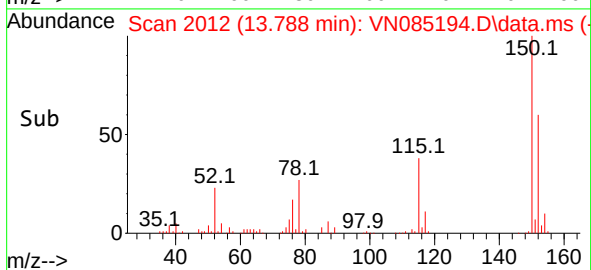
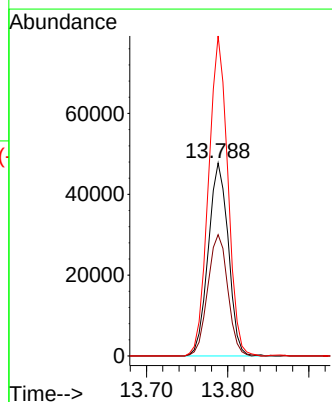
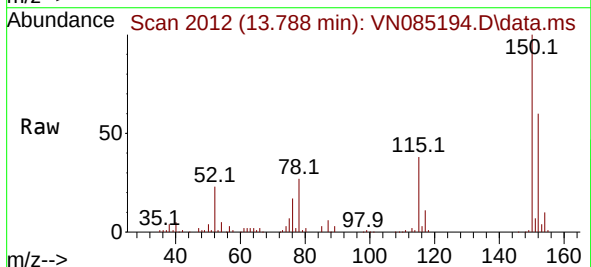
Instrument :
MSVOA_N
ClientSampleId :

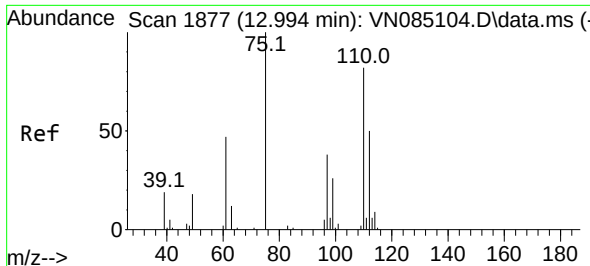
Tgt Ion:173 Resp: 663
Ion Ratio Lower Upper
173 100
175 637.4 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion:152 Resp: 81706
Ion Ratio Lower Upper
152 100
115 62.9 31.7 95.1
150 159.7 0.0 351.4

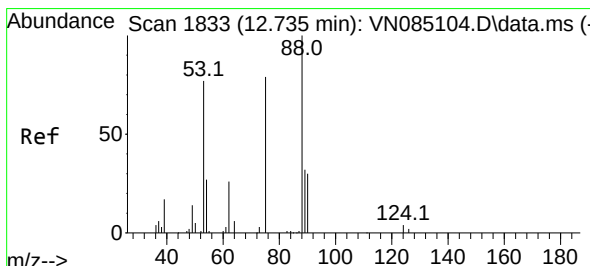
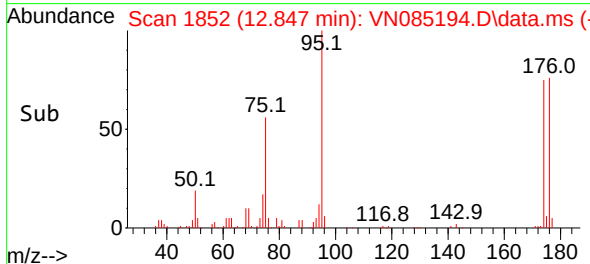
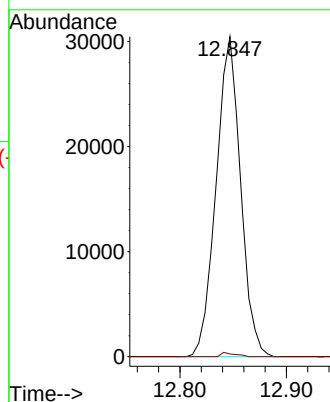
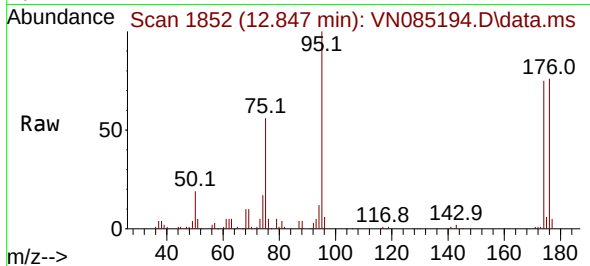




#76
1,2,3-Trichloropropane
Concen: 32.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

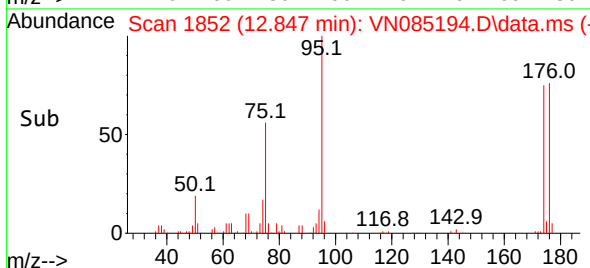
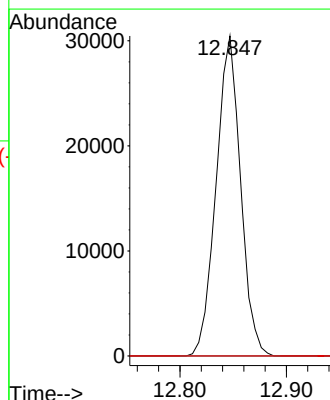
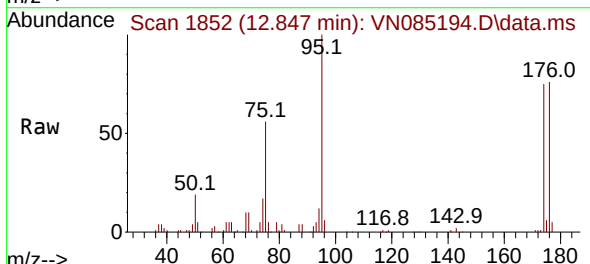
Instrument :
MSVOA_N
ClientSampleId :

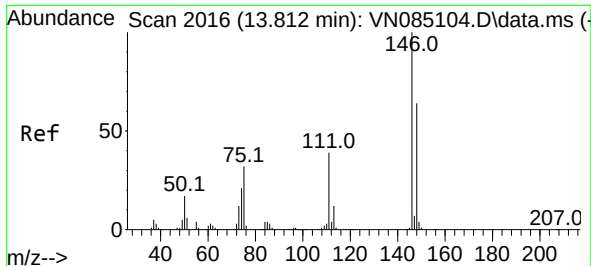
Tgt Ion: 75 Resp: 48518
Ion Ratio Lower Upper
75 100
77 0.7 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.069 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion: 75 Resp: 48518
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

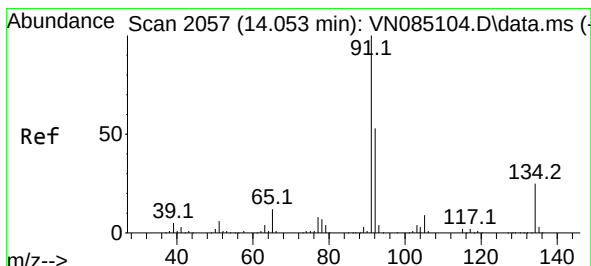
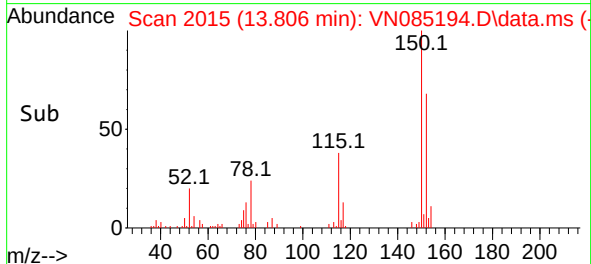
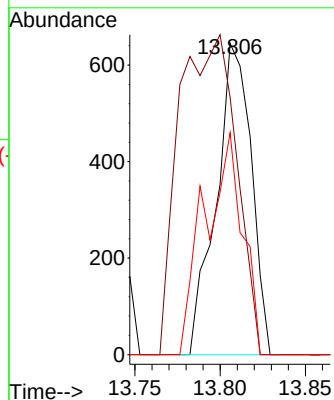
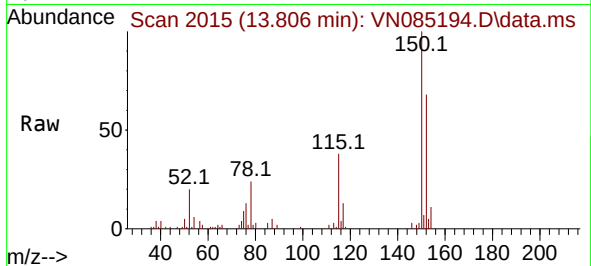




#88
1,4-Dichlorobenzene
Concen: 0.295 ug/l
RT: 13.806 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

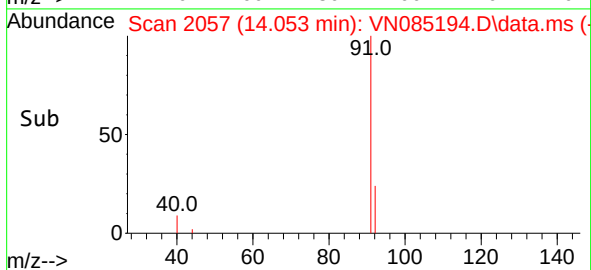
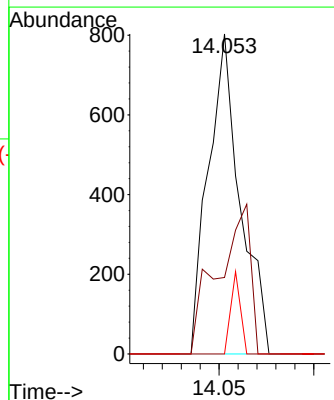
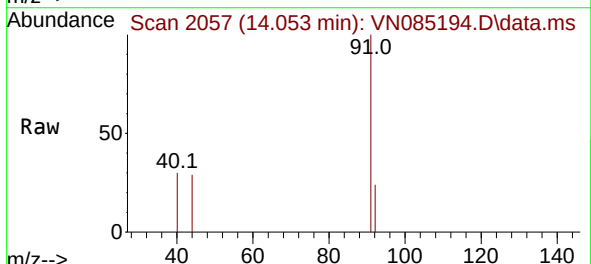
Instrument :
MSVOA_N
ClientSampleId :

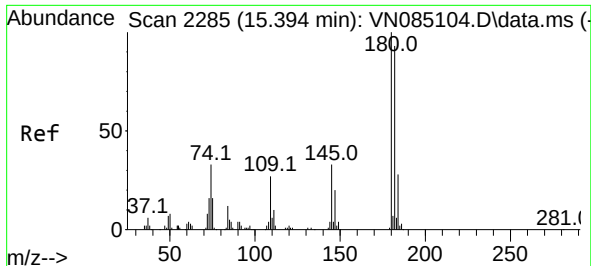
Tgt Ion:146 Resp: 922
Ion Ratio Lower Upper
146 100
111 167.7 20.9 62.8#
148 77.1 31.3 93.9



#89
n-Butylbenzene
Concen: 0.217 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion: 91 Resp: 938
Ion Ratio Lower Upper
91 100
92 48.2 26.8 80.3
134 7.8 12.8 38.4#





#93

1,2,4-Trichlorobenzene

Concen: 0.399 ug/l

RT: 15.382 min Scan# 21

Delta R.T. -0.006 min

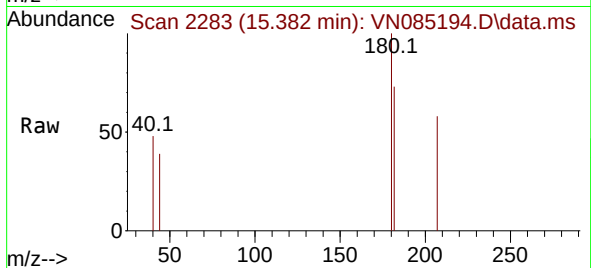
Lab File: VN085194.D

Acq: 13 Dec 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :



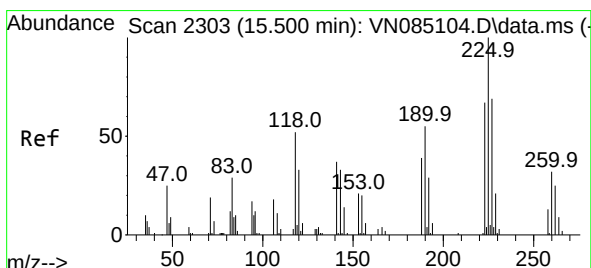
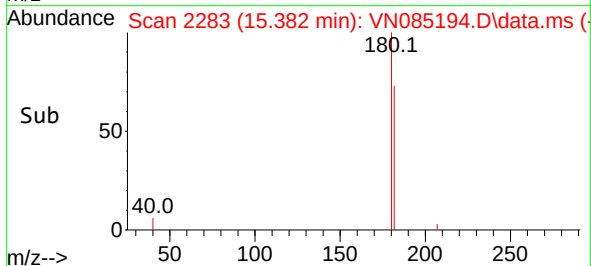
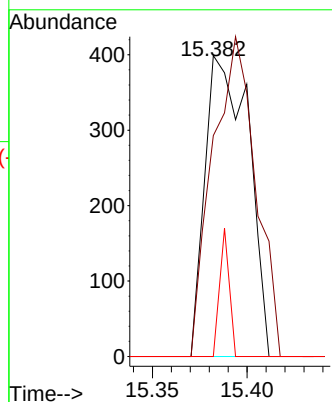
Tgt Ion:180 Resp: 636

Ion Ratio Lower Upper

180 100

182 105.2 46.9 140.8

145 9.4 16.3 48.8#



#94

Hexachlorobutadiene

Concen: 0.544 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085194.D

Acq: 13 Dec 2024 14:16

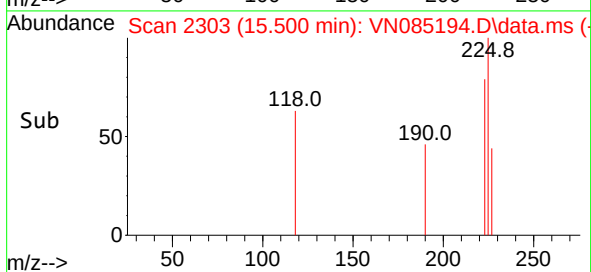
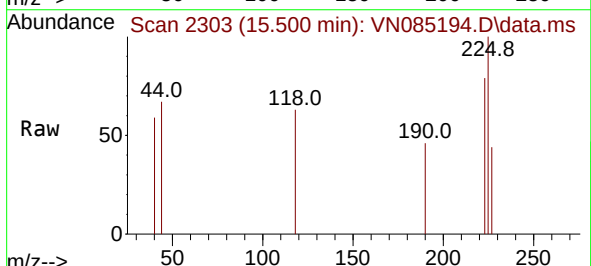
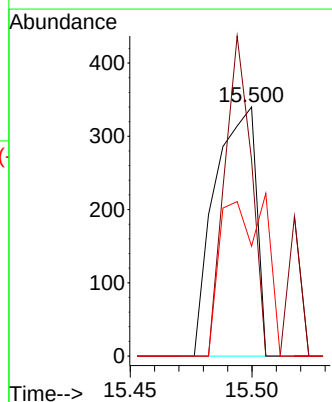
Tgt Ion:225 Resp: 400

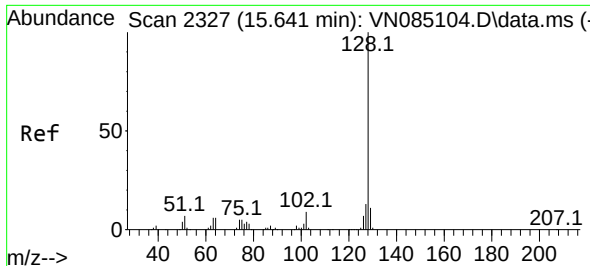
Ion Ratio Lower Upper

225 100

223 82.5 30.9 92.8

227 69.3 31.5 94.5

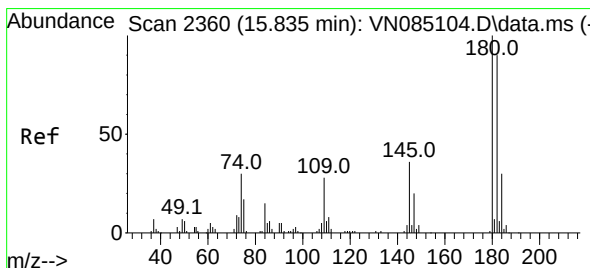
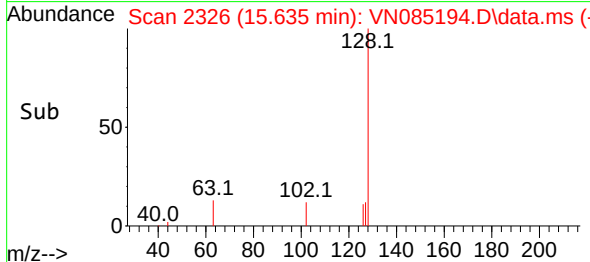
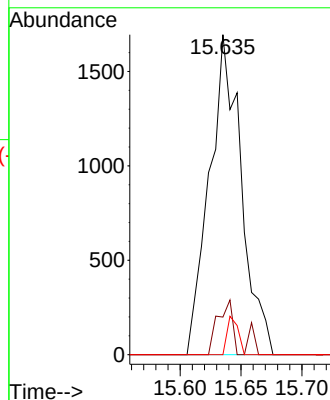
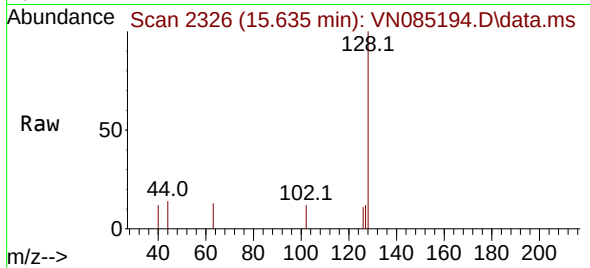




#95
Naphthalene
Concen: 0.680 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3085
Ion Ratio Lower Upper
128 100
127 7.9 10.6 16.0#
129 4.1 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.668 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085194.D
Acq: 13 Dec 2024 14:16

Tgt Ion:180 Resp: 1015
Ion Ratio Lower Upper
180 100
182 95.4 46.4 139.2
145 21.1 17.3 52.0

