

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085195.D
 Acq On : 13 Dec 2024 14:40
 Operator : JC\MD
 Sample : P5270-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 23:34:11 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	8.218	168	143596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94301	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106912	52.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.540%	
35) Dibromofluoromethane	8.165	113	86800	51.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.680%	
50) Toluene-d8	10.565	98	297538	49.581	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.847	95	105362	46.948	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.900%	

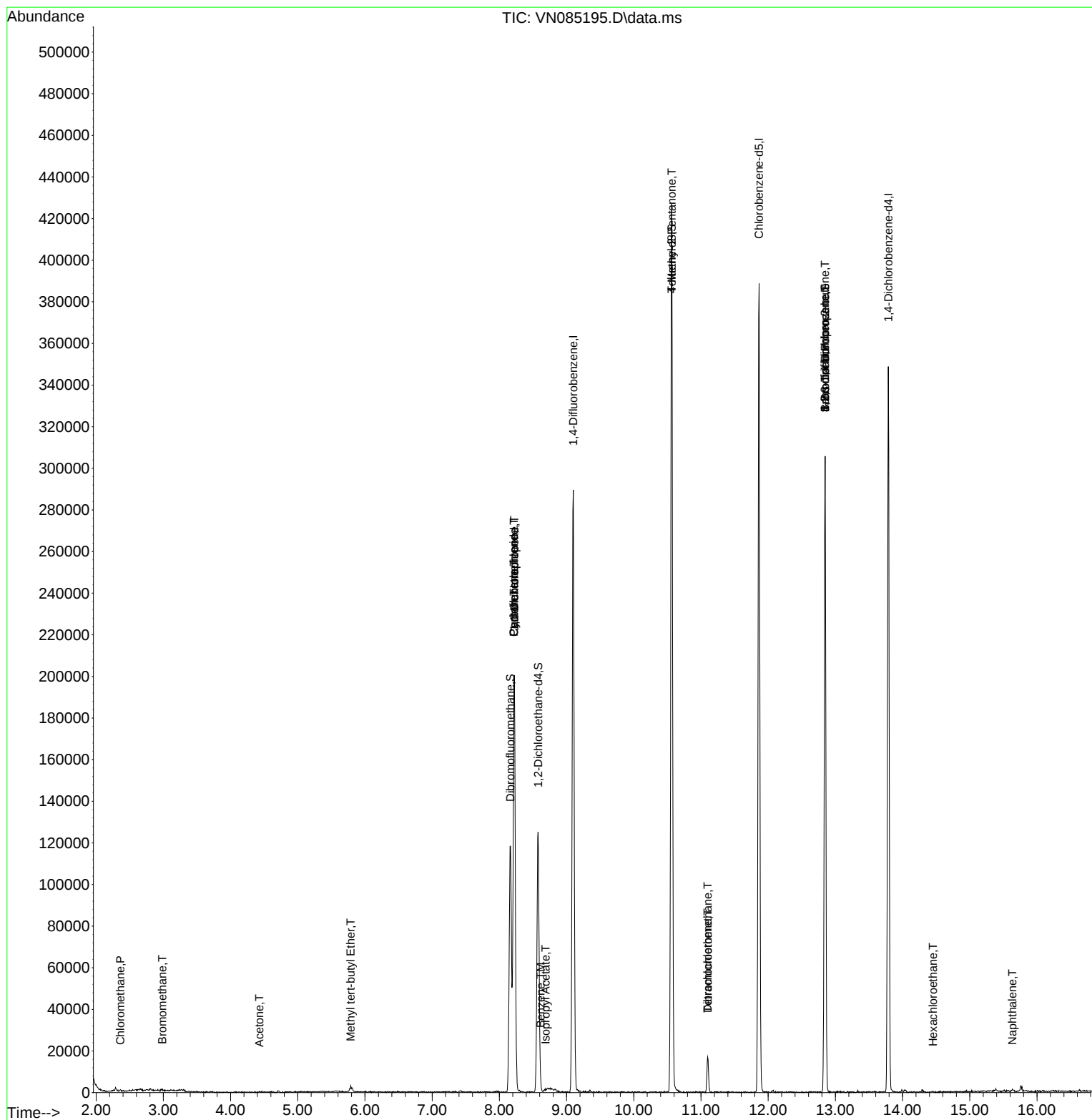
Target Compounds				Qvalue		
3) Chloromethane	2.359	50	508	0.270	ug/l	89
5) Bromomethane	2.983	94	405	0.427	ug/l #	38
16) Acetone	4.430	43	450	0.755	ug/l #	43
19) Methyl tert-butyl Ether	5.789	73	4091	0.822	ug/l #	83
31) Cyclohexane	8.218	56	3246	1.191	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12392	5.464	ug/l #	49
38) Carbon Tetrachloride	8.218	117	15600	5.959	ug/l #	18
40) Benzene	8.612	78	1770	0.247	ug/l #	52
43) Isopropyl Acetate	8.688	43	1024	0.239	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1250	0.639	ug/l #	1
60) Dibromochloromethane	11.100	129	3691	1.909	ug/l #	10
64) Tetrachloroethene	11.100	164	4201	2.801	ug/l	93
71) Bromoform	12.847	173	802	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	54962	32.043	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54962	70.737	ug/l #	10
90) Hexachloroethane	14.453	117	445	0.381	ug/l #	14
95) Naphthalene	15.635	128	1336	0.255	ug/l #	69

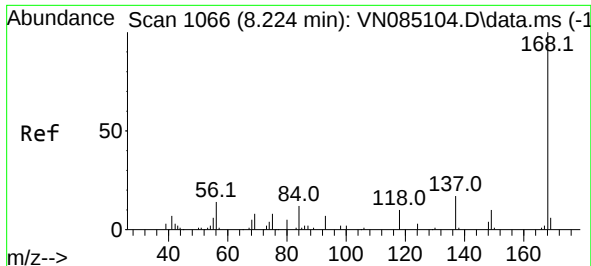
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

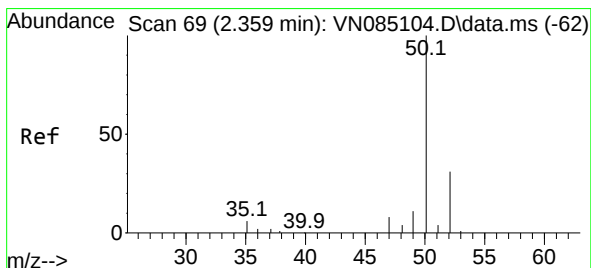
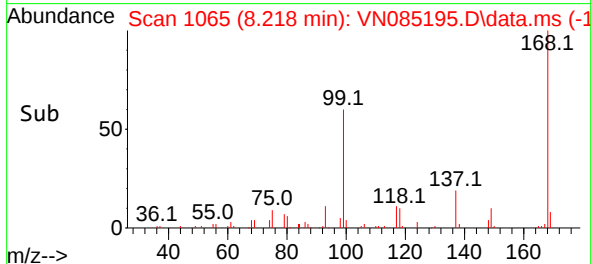
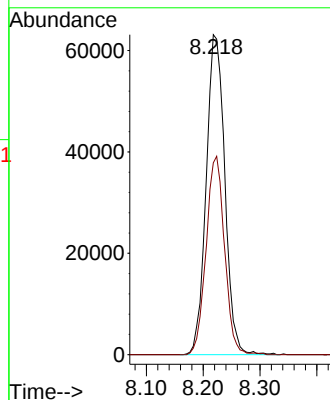
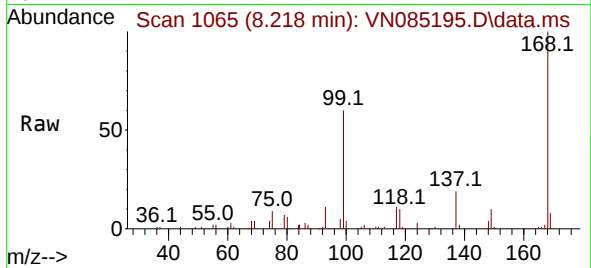




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

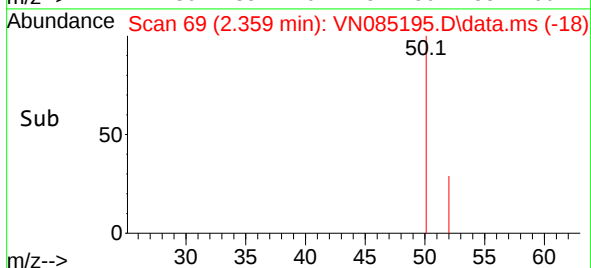
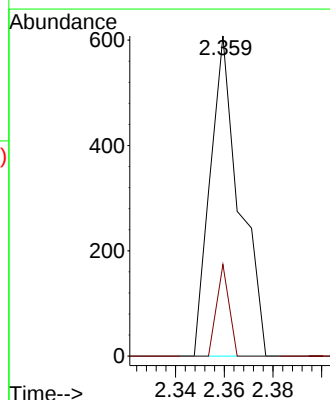
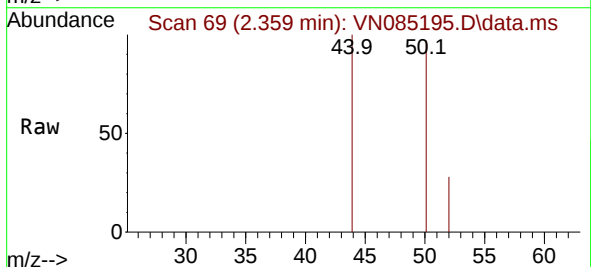
Instrument :
MSVOA_N
ClientSampleId :

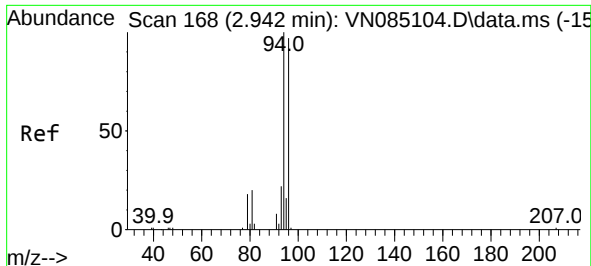
Tgt Ion:168 Resp: 143596
Ion Ratio Lower Upper
168 100
99 60.0 51.2 76.8



#3
Chloromethane
Concen: 0.270 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Tgt Ion: 50 Resp: 508
Ion Ratio Lower Upper
50 100
52 28.6 27.8 41.8

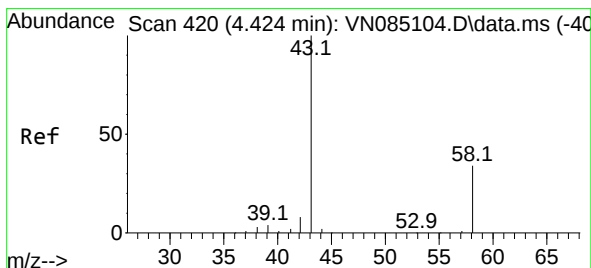
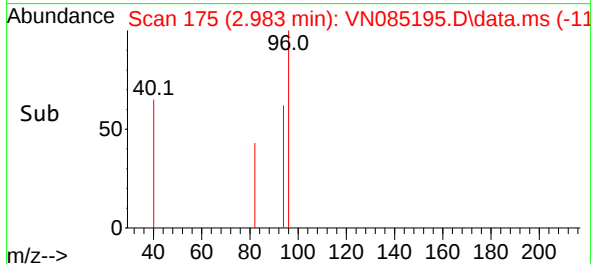
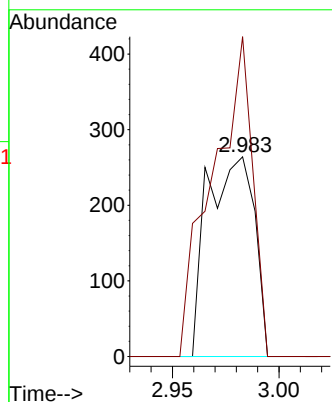
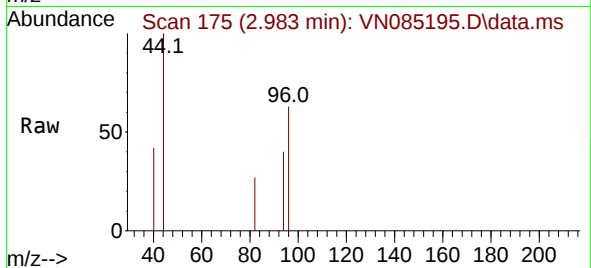




#5
Bromomethane
Concen: 0.427 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.082 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

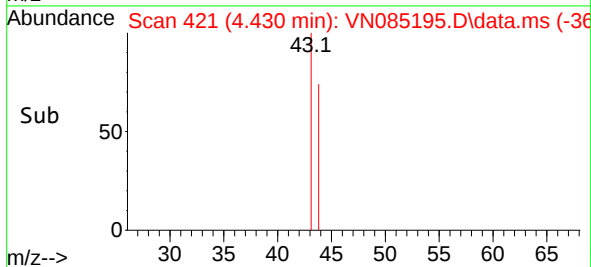
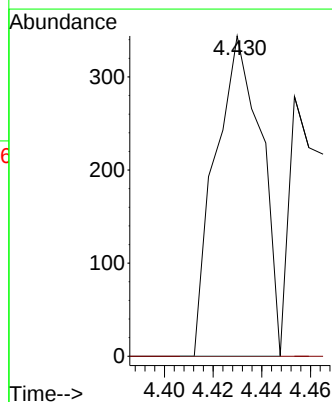
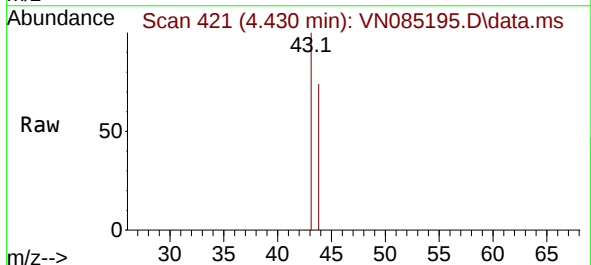
Instrument :
MSVOA_N
ClientSampleId :

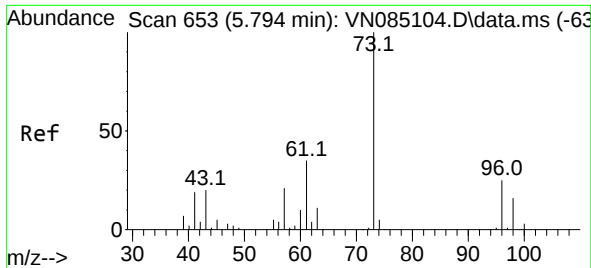
Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 160.2 78.7 118.1#



#16
Acetone
Concen: 0.755 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#

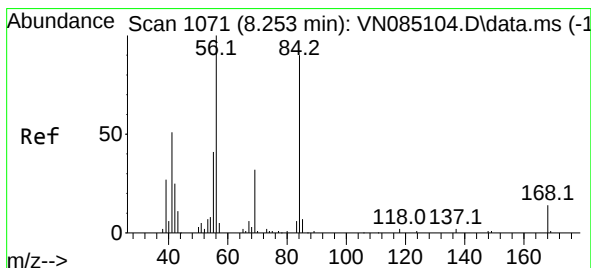
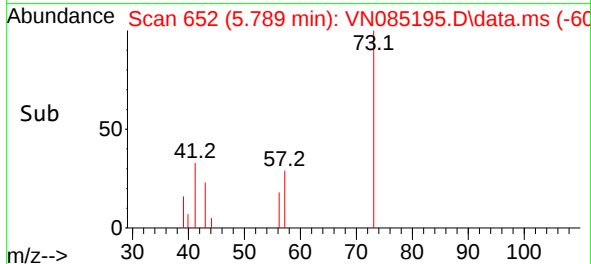
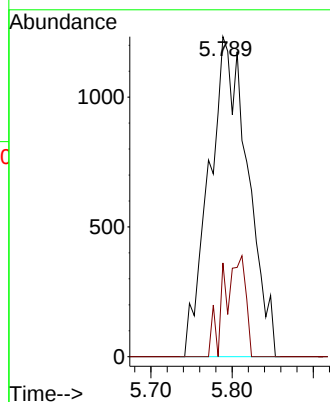
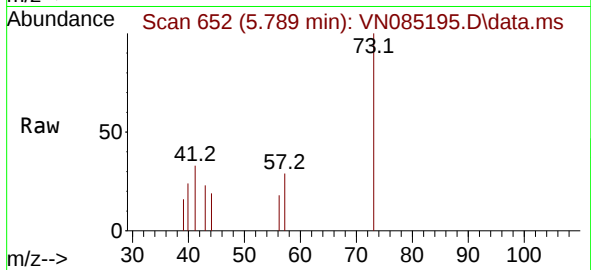




#19
Methyl tert-butyl Ether
Concen: 0.822 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

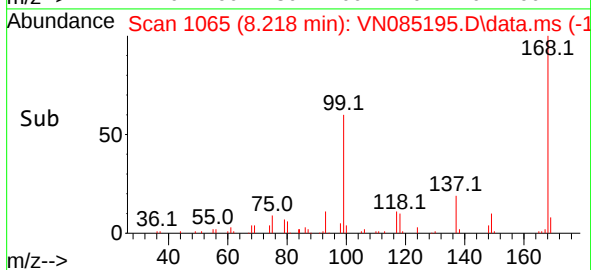
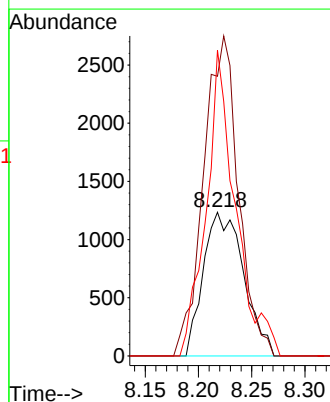
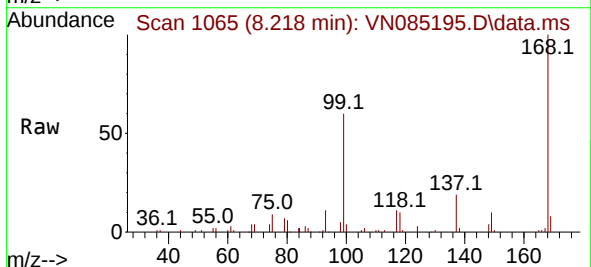
Instrument :
MSVOA_N
ClientSampleId :

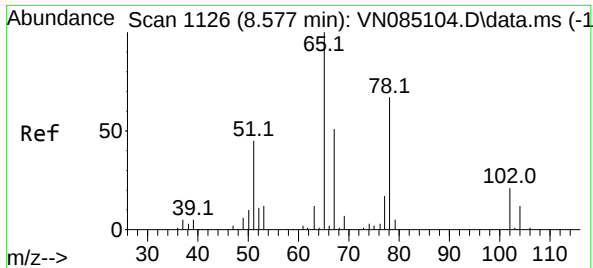
Tgt Ion: 73 Resp: 4091
Ion Ratio Lower Upper
73 100
57 29.3 17.0 25.4#



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Tgt Ion: 56 Resp: 3246
Ion Ratio Lower Upper
56 100
69 194.7 24.6 36.8#
84 212.7 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 52.269 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085195.D

Acq: 13 Dec 2024 14:40

Instrument :

MSVOA_N

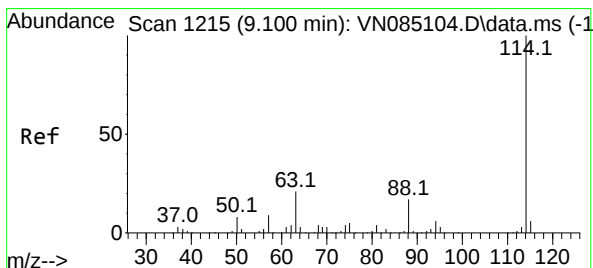
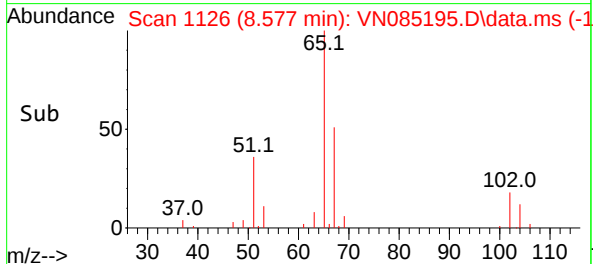
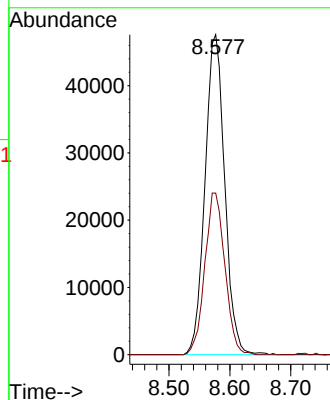
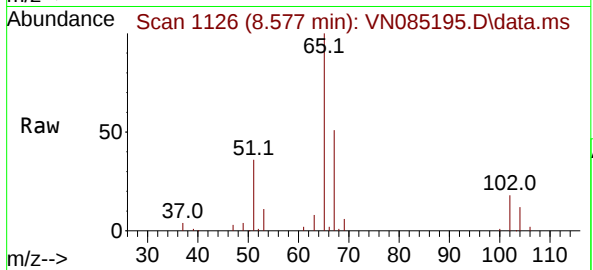
ClientSampleId :

Tgt Ion: 65 Resp: 106912

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085195.D

Acq: 13 Dec 2024 14:40

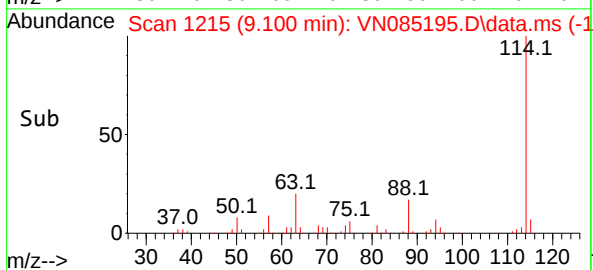
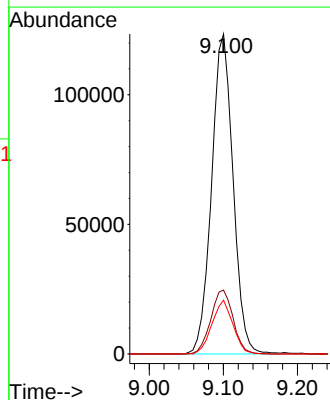
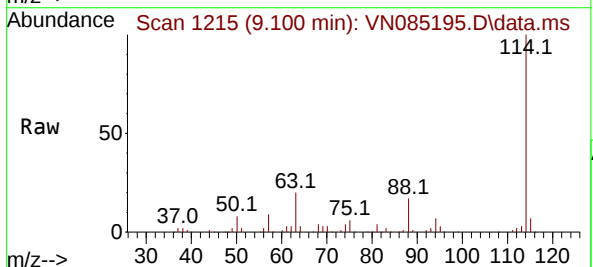
Tgt Ion: 114 Resp: 248311

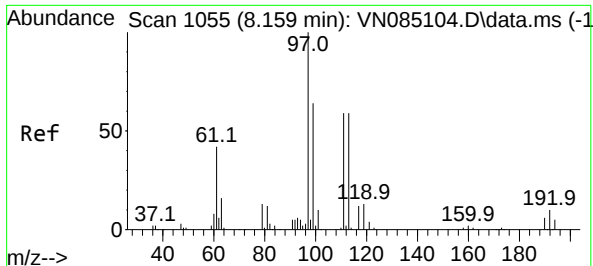
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 16.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.836 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085195.D

Acq: 13 Dec 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

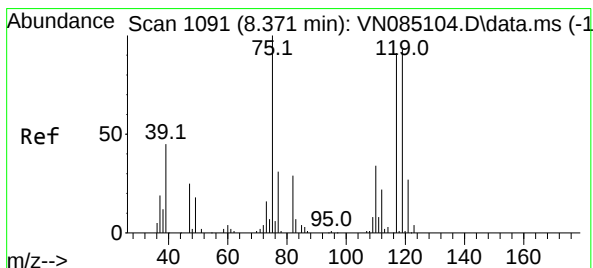
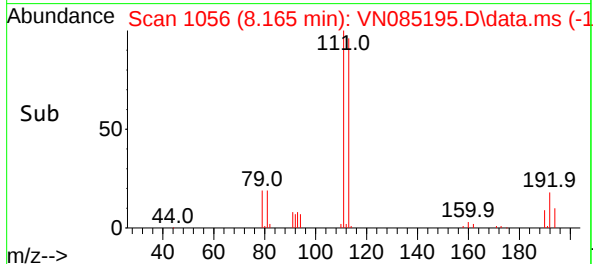
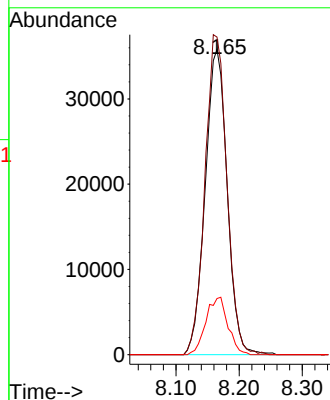
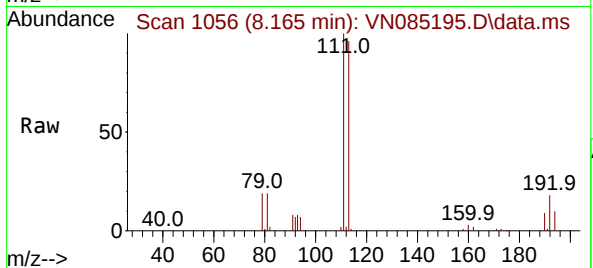
Tgt Ion:113 Resp: 86800

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 18.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.464 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085195.D

Acq: 13 Dec 2024 14:40

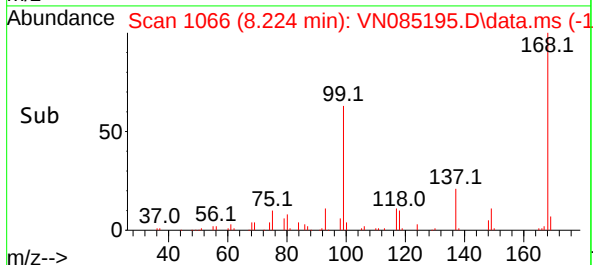
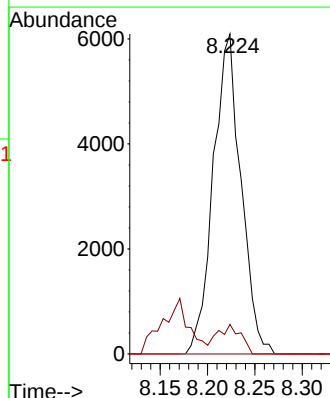
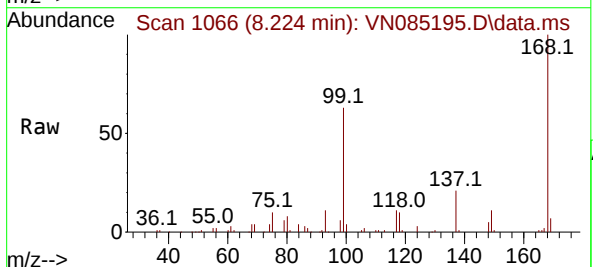
Tgt Ion: 75 Resp: 12392

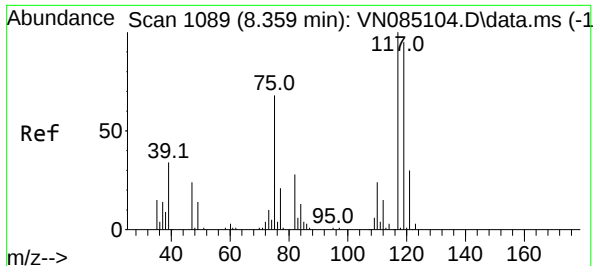
Ion Ratio Lower Upper

75 100

110 7.7 17.2 51.6#

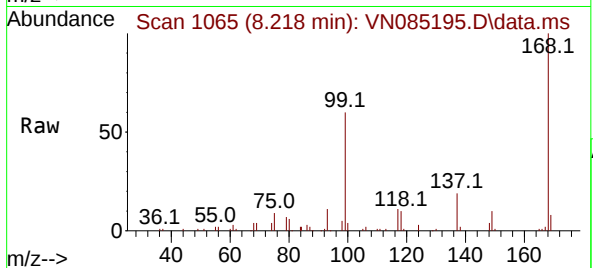
77 0.0 24.2 36.4#



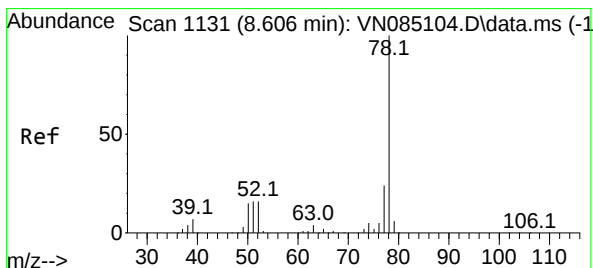
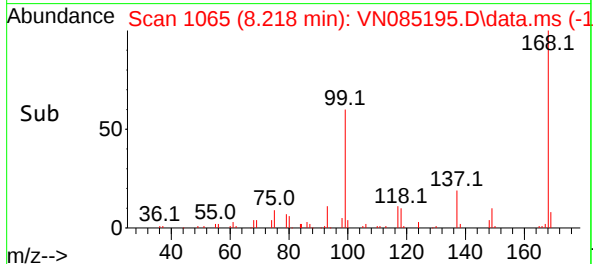
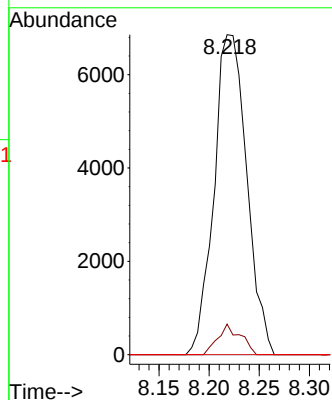


#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.135 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Instrument :
MSVOA_N
ClientSampleId :

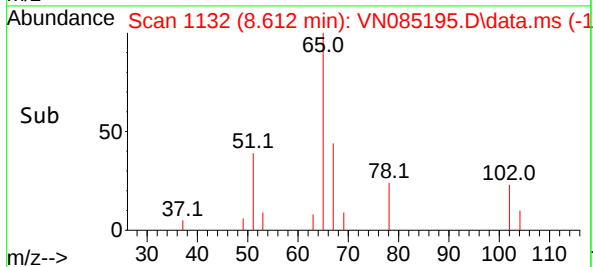
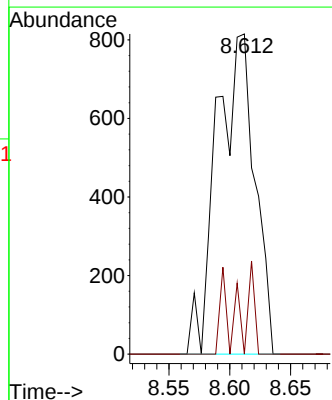
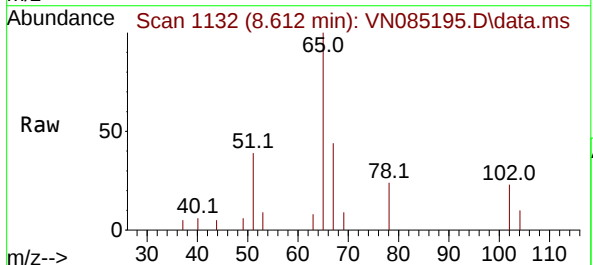


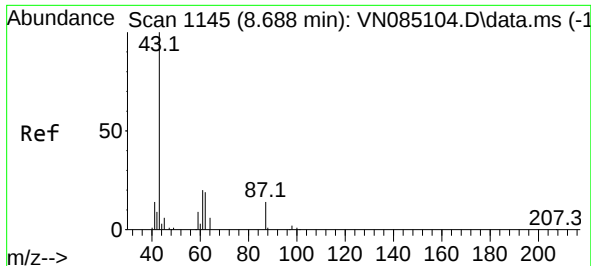
Tgt Ion:117 Resp: 15600
Ion Ratio Lower Upper
117 100
119 9.6 78.6 117.8#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.247 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.012 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

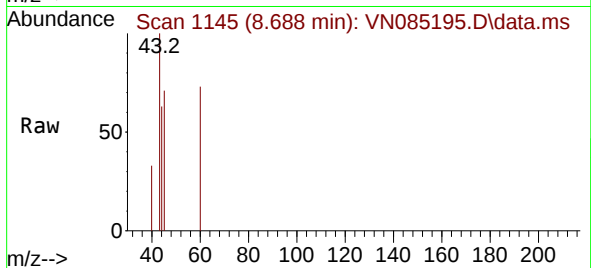
Tgt Ion: 78 Resp: 1770
Ion Ratio Lower Upper
78 100
77 0.0 18.5 27.7#



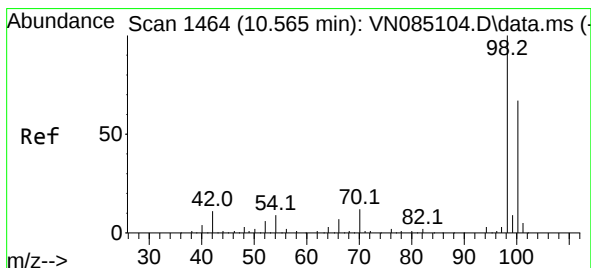
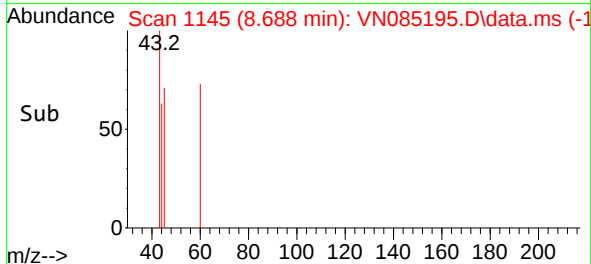
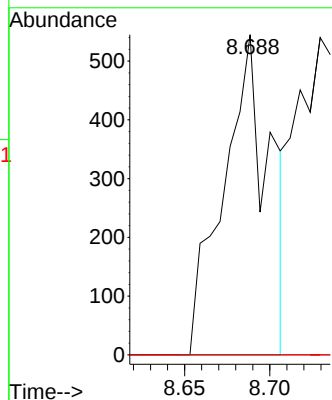


#43
Isopropyl Acetate
Concen: 0.239 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Instrument :
MSVOA_N
ClientSampleId :

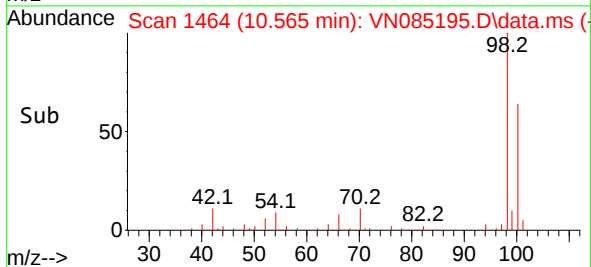
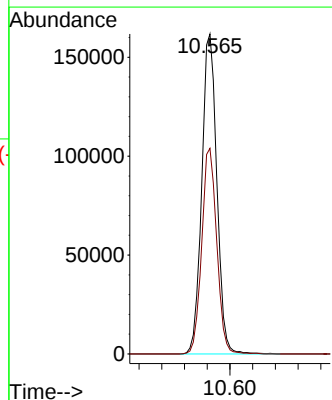
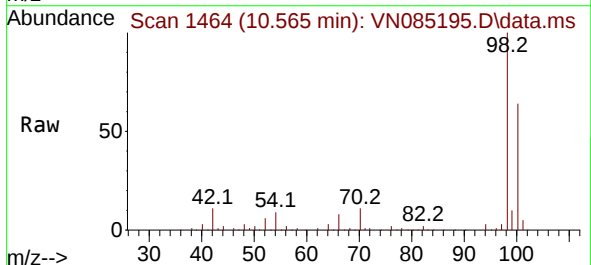


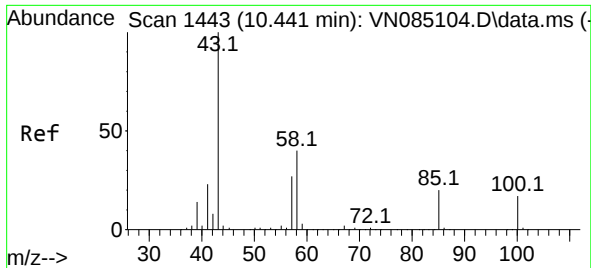
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#



#50
Toluene-d8
Concen: 49.581 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

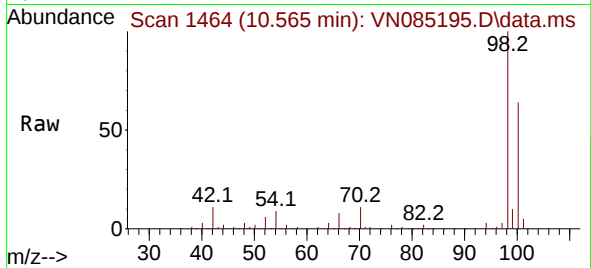
Tgt Ion: 98 Resp: 297538
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7



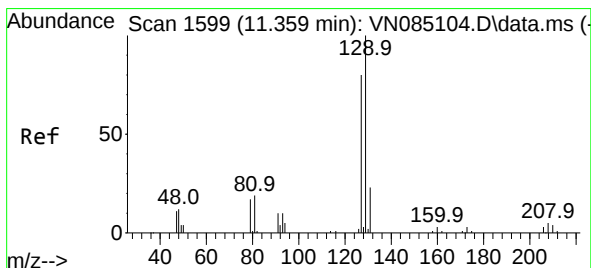
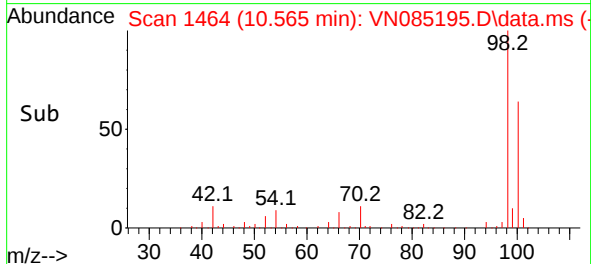
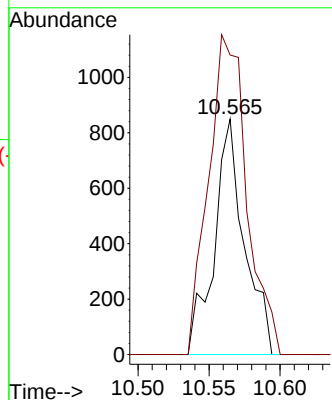


#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Instrument :
MSVOA_N
ClientSampleId :

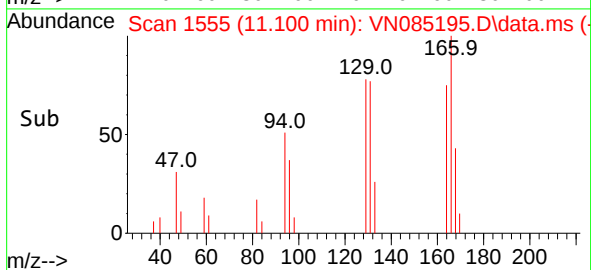
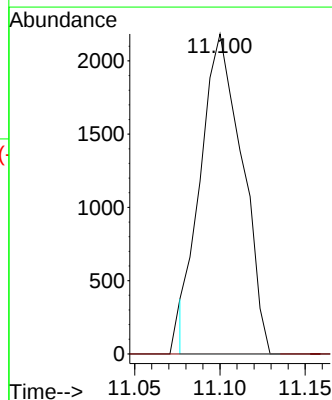
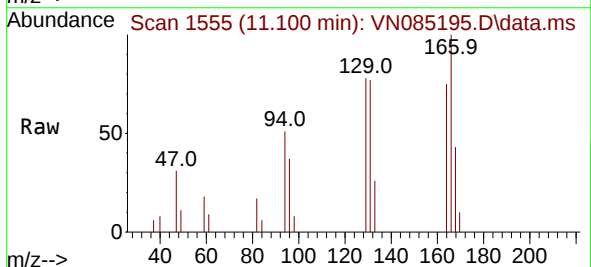


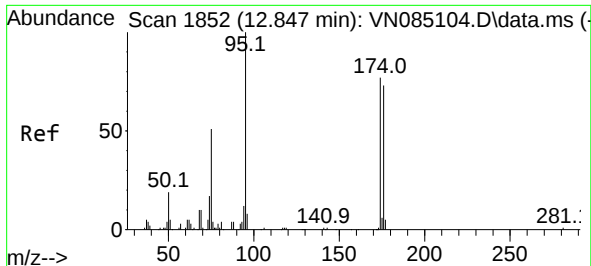
Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 173.2 32.1 48.1#



#60
Dibromochloromethane
Concen: 1.909 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Tgt Ion: 129 Resp: 3691
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#

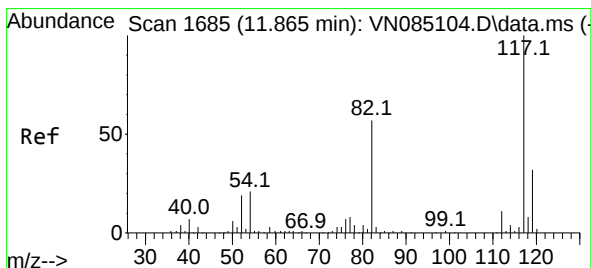
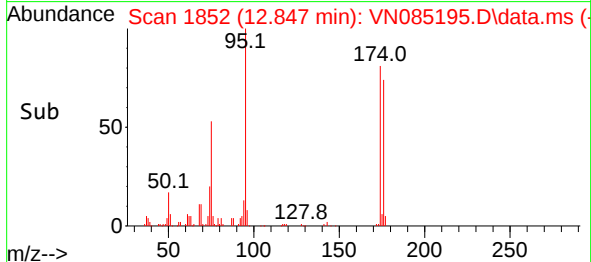
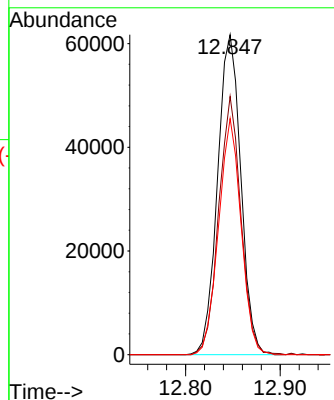
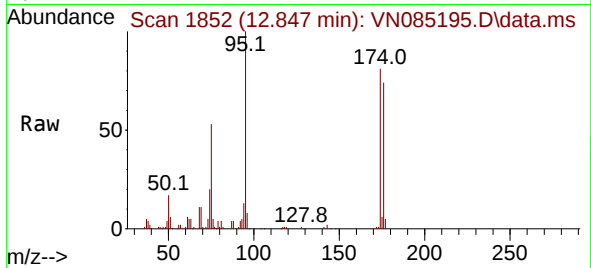




#62
4-Bromofluorobenzene
Concen: 46.948 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

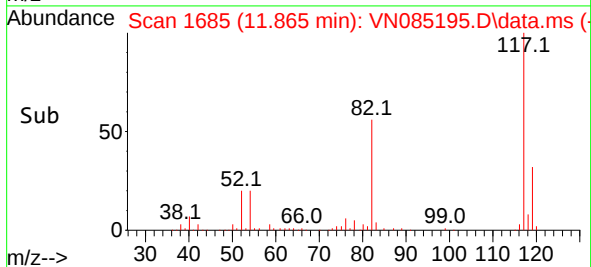
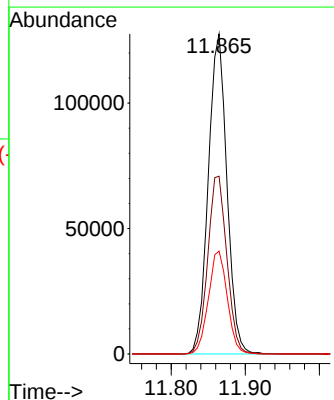
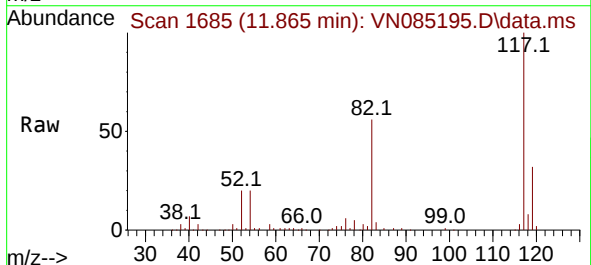
Instrument :
MSVOA_N
ClientSampleId :

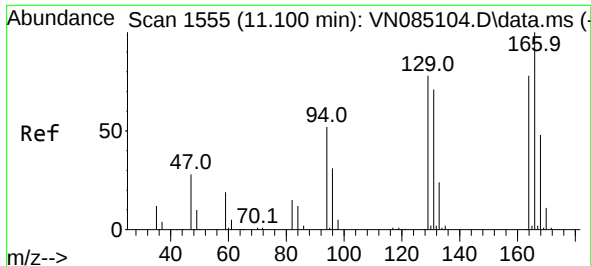
Tgt Ion: 95 Resp: 105362
Ion Ratio Lower Upper
95 100
174 77.0 0.0 146.6
176 71.2 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Tgt Ion: 117 Resp: 222610
Ion Ratio Lower Upper
117 100
82 55.5 46.0 69.0
119 32.2 25.6 38.4

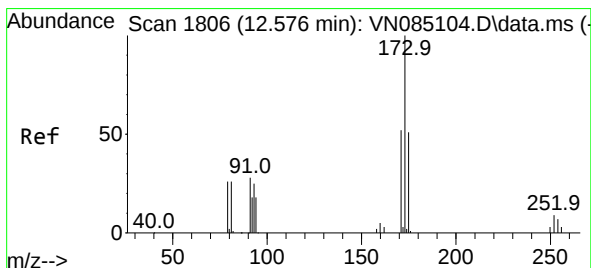
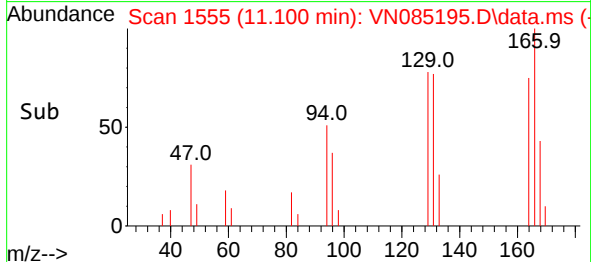
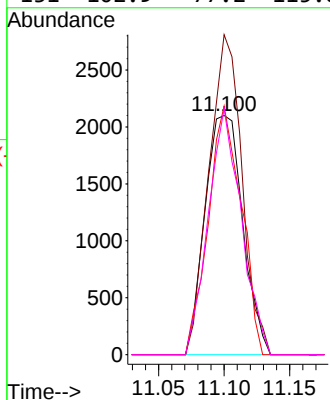
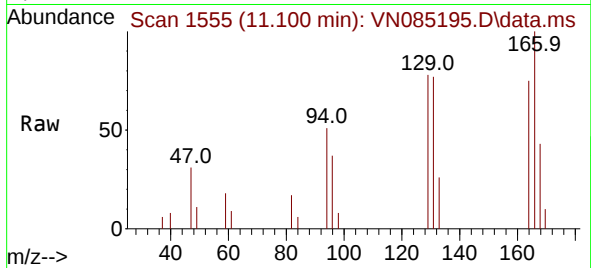




#64
Tetrachloroethene
Concen: 2.801 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

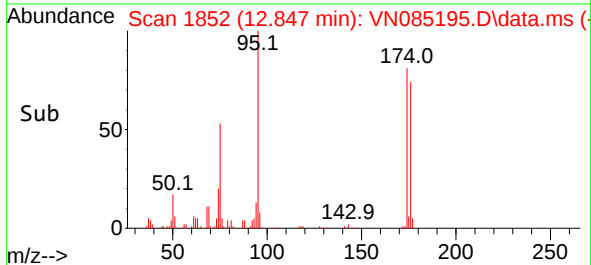
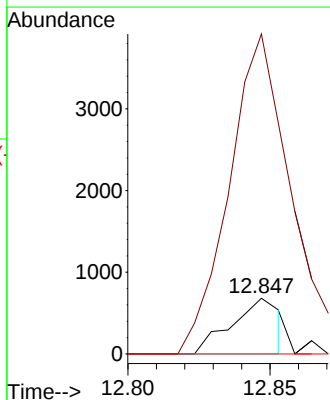
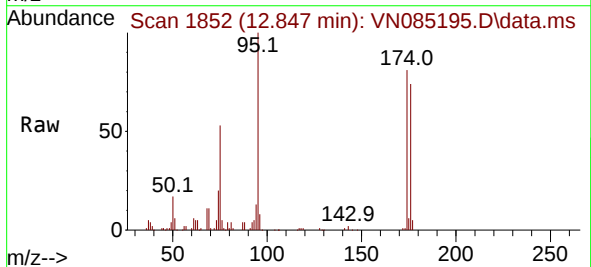
Instrument :
MSVOA_N
ClientSampleId :

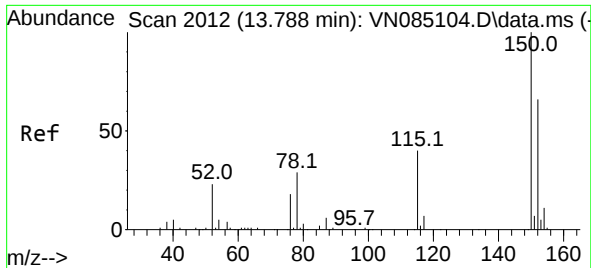
Tgt Ion:164 Resp: 4201
Ion Ratio Lower Upper
164 100
166 133.7 100.6 151.0
129 104.0 77.7 116.5
131 102.9 77.2 115.8



#71
Bromoform
Concen: 0.608 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

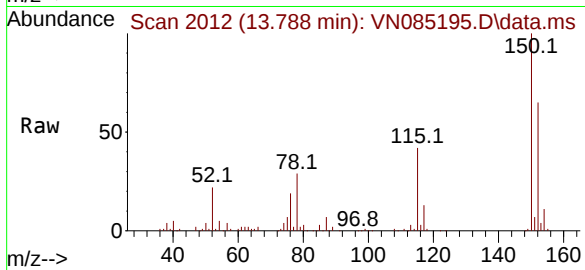
Tgt Ion:173 Resp: 802
Ion Ratio Lower Upper
173 100
175 587.5 23.8 71.2#
254 0.0 0.0 0.0



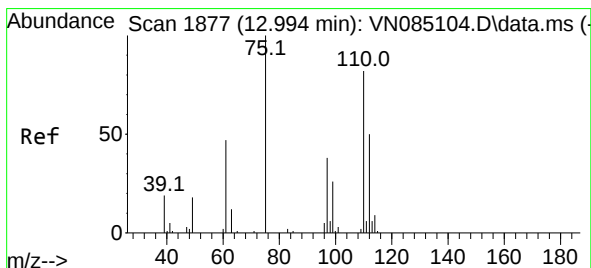
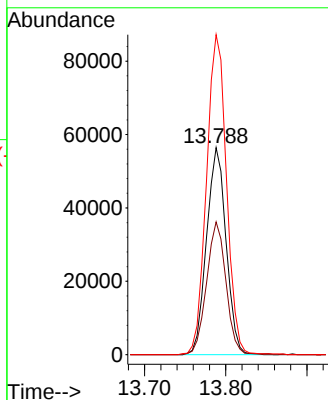
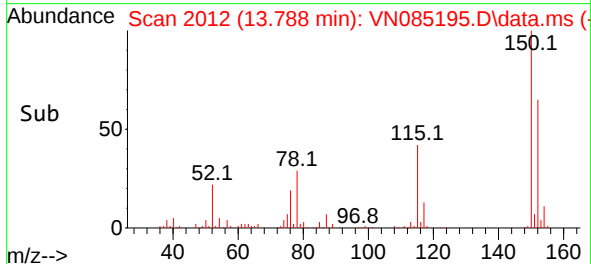


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Instrument :
MSVOA_N
ClientSampleId :

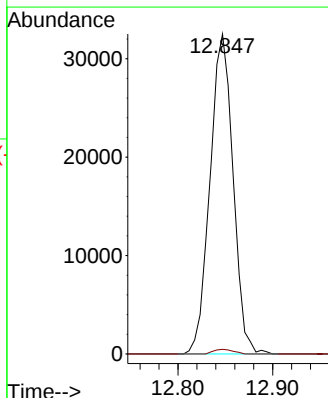
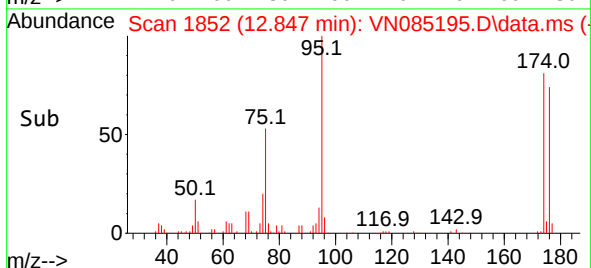
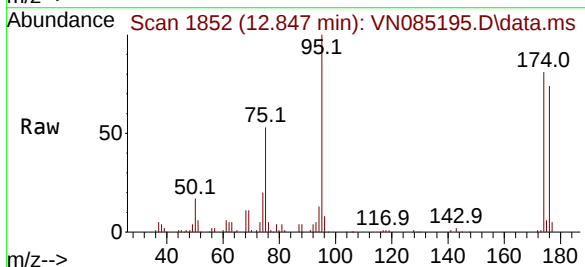


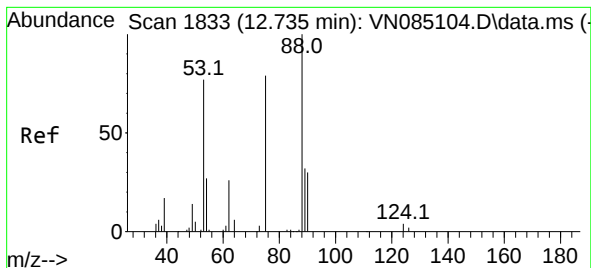
Tgt Ion:152 Resp: 94301
Ion Ratio Lower Upper
152 100
115 63.5 31.7 95.1
150 158.1 0.0 351.4



#76
1,2,3-Trichloropropane
Concen: 32.043 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

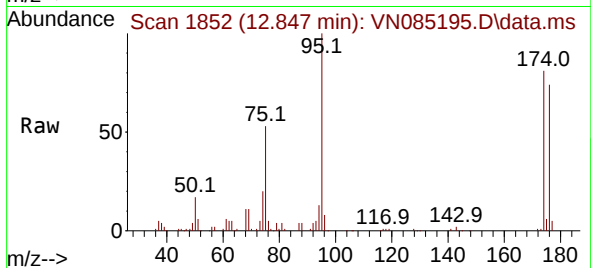
Tgt Ion: 75 Resp: 54962
Ion Ratio Lower Upper
75 100
77 1.3 109.1 327.4#



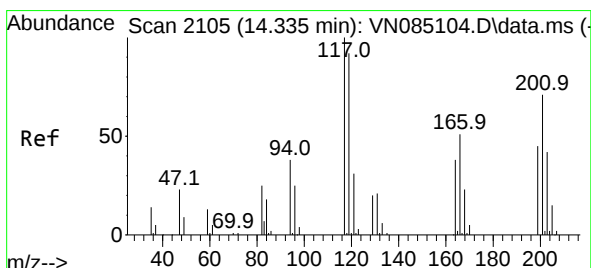
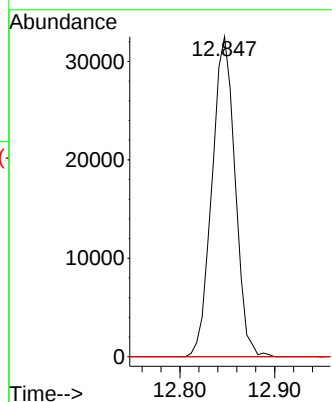
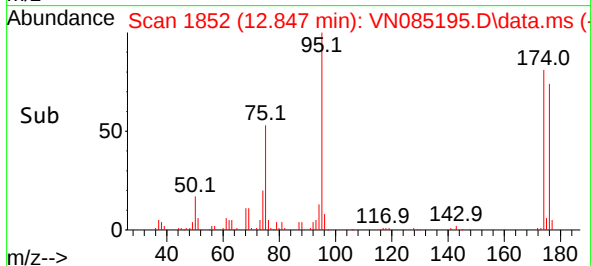


#81
trans-1,4-Dichloro-2-butene
Concen: 70.737 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

Instrument :
MSVOA_N
ClientSampleId :

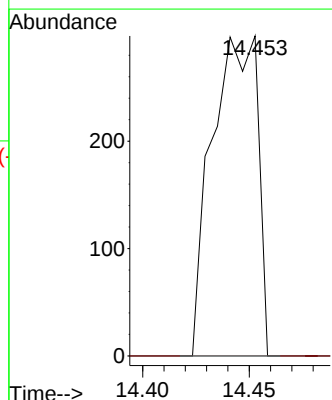
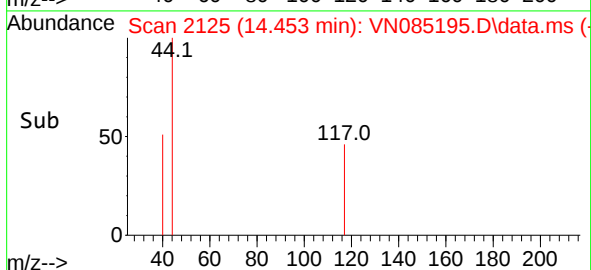
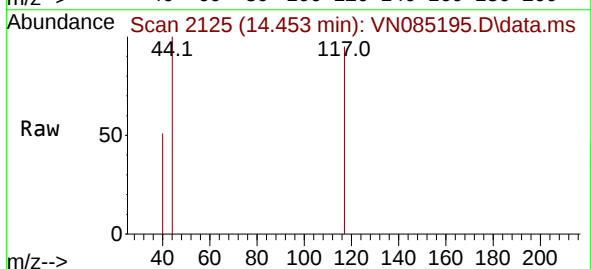


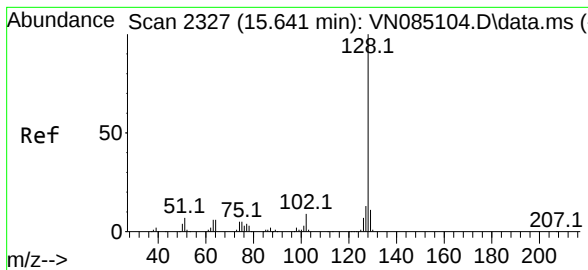
Tgt Ion: 75 Resp: 54962
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 0.381 ug/l
RT: 14.453 min Scan# 2125
Delta R.T. 0.123 min
Lab File: VN085195.D
Acq: 13 Dec 2024 14:40

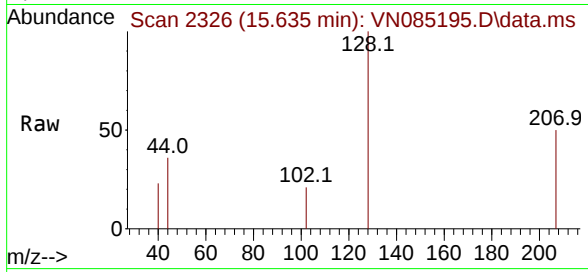
Tgt Ion: 117 Resp: 445
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#





#95
 Naphthalene
 Concen: 0.255 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN085195.D
 Acq: 13 Dec 2024 14:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	1336
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#

