

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085203.D
 Acq On : 13 Dec 2024 17:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 23:38:43 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	177400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121430	48.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	8.165	113	98976	48.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.565	98	362597	49.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.847	95	131223	47.625	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.240%

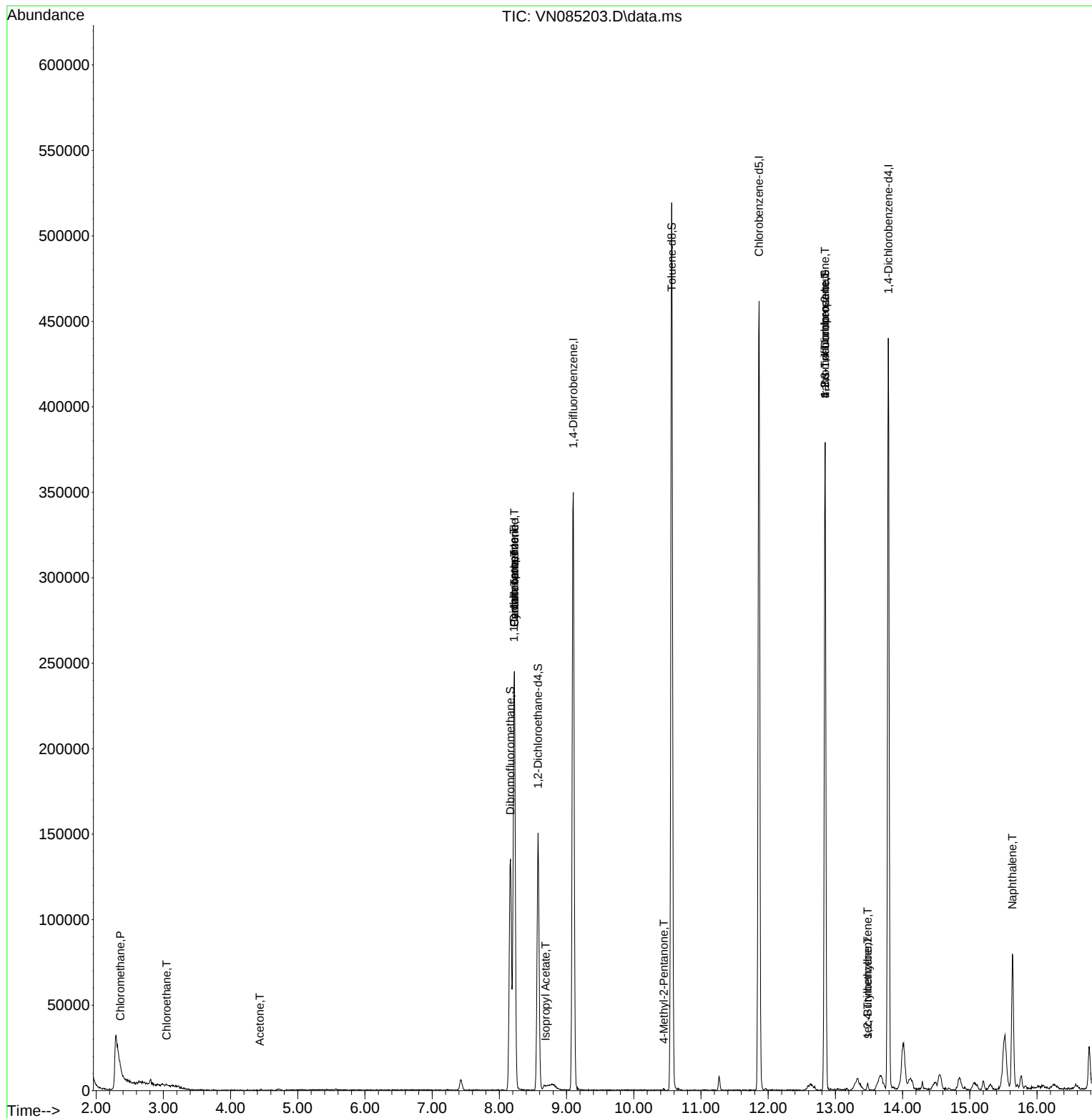
Target Compounds			Qvalue			
3) Chloromethane	2.359	50	1261	0.542	ug/l #	40
6) Chloroethane	3.047	64	506	0.359	ug/l #	44
16) Acetone	4.436	43	444	0.603	ug/l #	43
18) Methyl Acetate	5.006	43	65	Below Cal	#	50
31) Cyclohexane	8.224	56	3760	1.117	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14445	5.187	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19463	6.055	ug/l #	16
43) Isopropyl Acetate	8.688	43	2450	0.466	ug/l #	55
51) 4-Methyl-2-Pentanone	10.447	43	686	0.286	ug/l #	70
76) 1,2,3-Trichloropropane	12.847	75	69252	32.037	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69252	70.724	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.482	105	2875	0.397	ug/l	98
85) sec-Butylbenzene	13.482	105	2875	0.352	ug/l #	57
95) Naphthalene	15.635	128	72847	11.041	ug/l	99

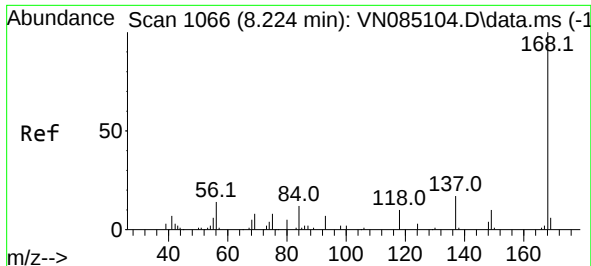
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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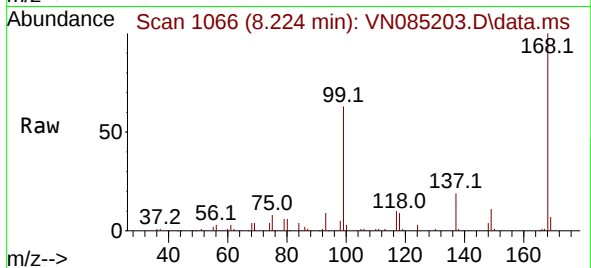
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



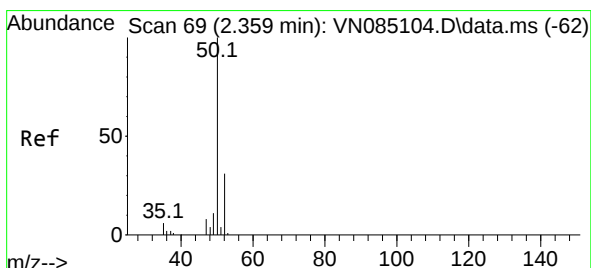
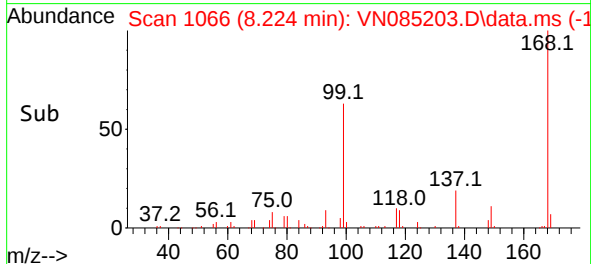
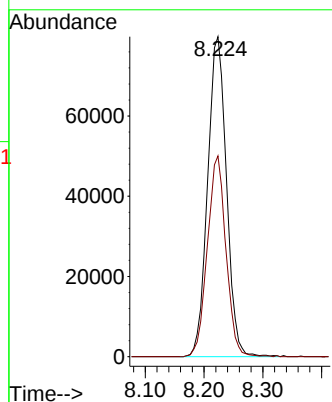


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :

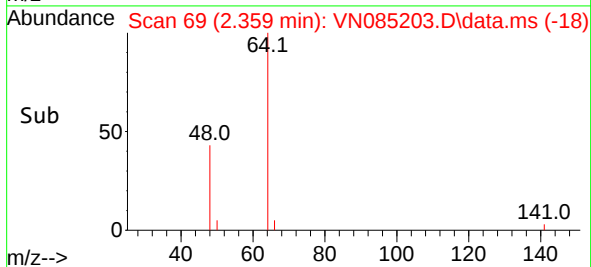
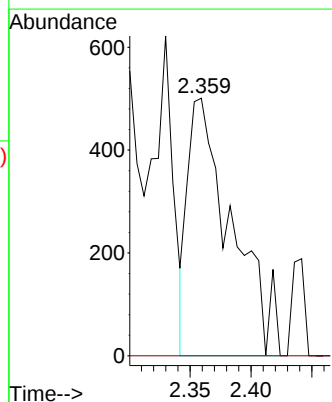
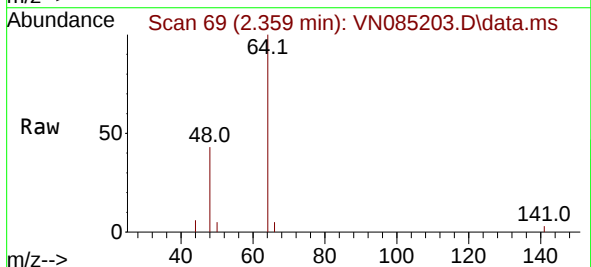


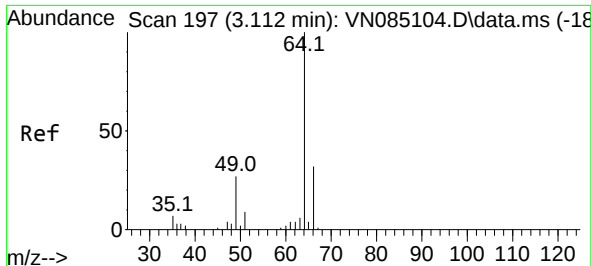
Tgt Ion:168 Resp: 177400
Ion Ratio Lower Upper
168 100
99 62.8 51.2 76.8



#3
Chloromethane
Concen: 0.542 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion: 50 Resp: 1261
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

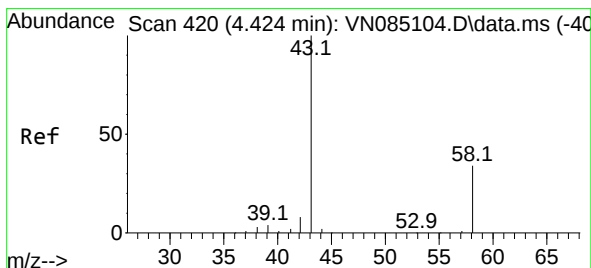
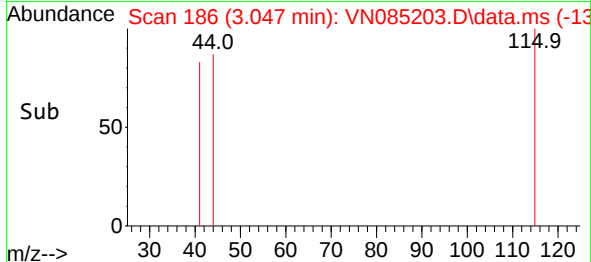
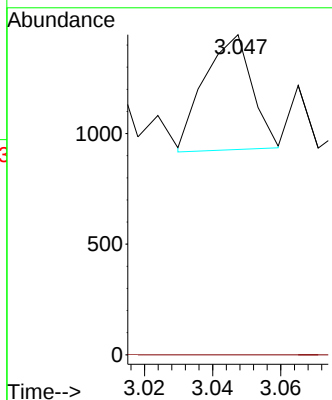
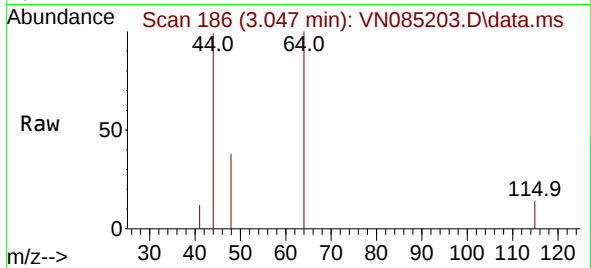




#6
Chloroethane
Concen: 0.359 ug/l
RT: 3.047 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

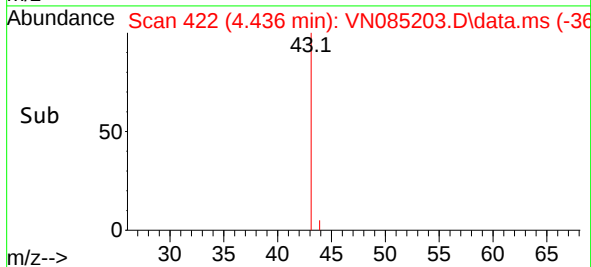
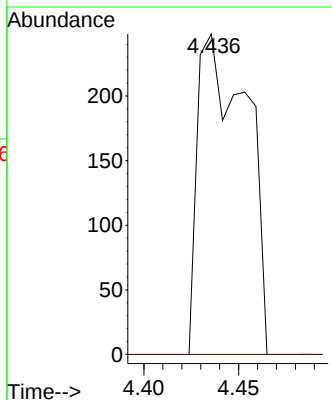
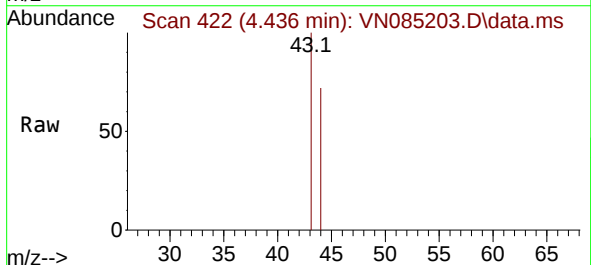
Instrument :
MSVOA_N
ClientSampleId :

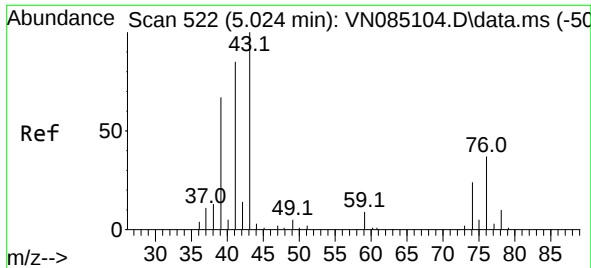
Tgt Ion: 64 Resp: 506
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#16
Acetone
Concen: 0.603 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

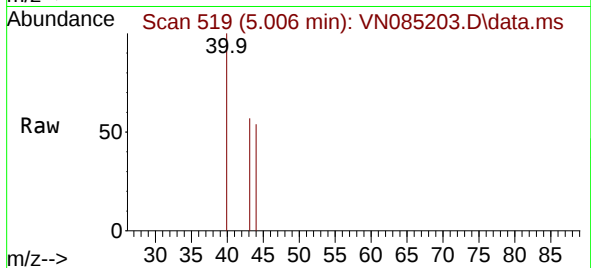
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



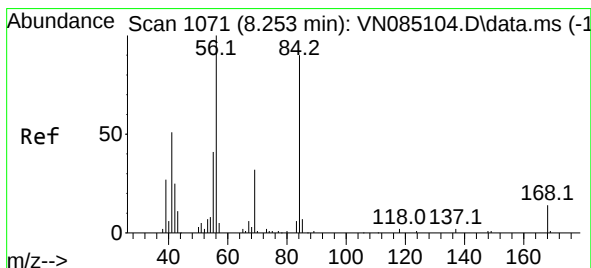
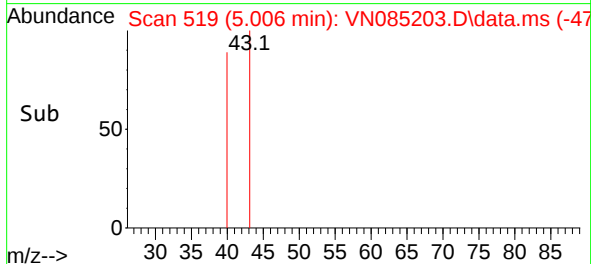
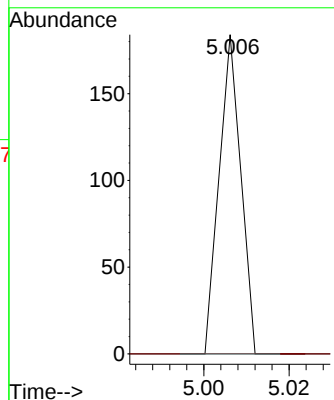


#18
Methyl Acetate
Concen: Below Cal
RT: 5.006 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :

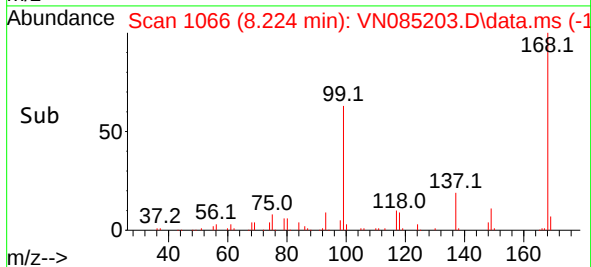
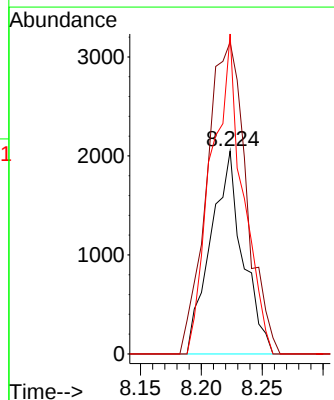
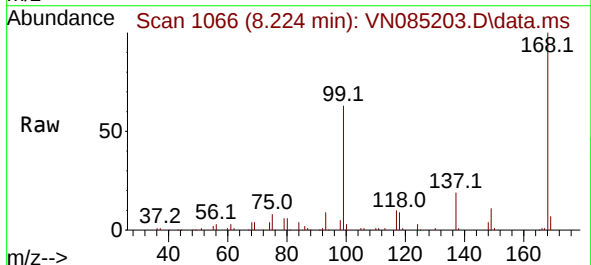


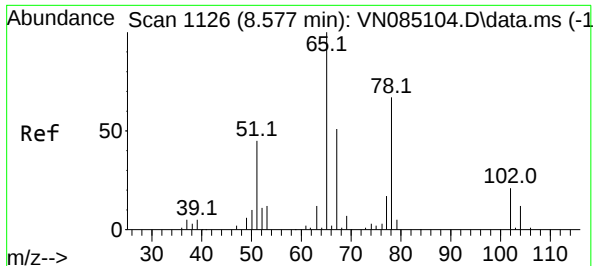
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion: 56 Resp: 3760
Ion Ratio Lower Upper
56 100
69 153.7 24.6 36.8#
84 157.7 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 48.054 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085203.D

Acq: 13 Dec 2024 17:51

Instrument :

MSVOA_N

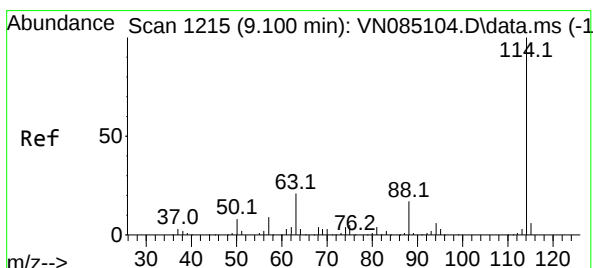
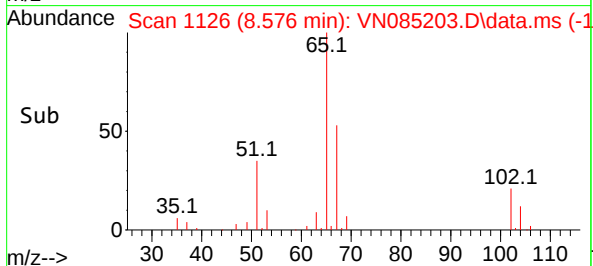
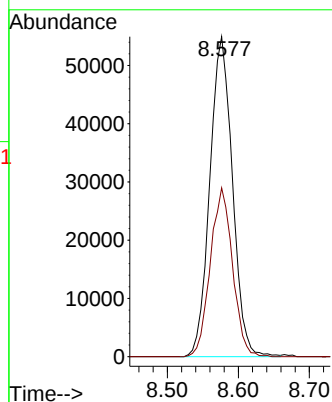
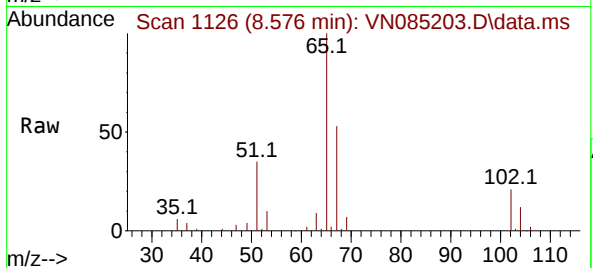
ClientSampleId :

Tgt Ion: 65 Resp: 121430

Ion Ratio Lower Upper

65 100

67 51.8 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: VN085203.D

Acq: 13 Dec 2024 17:51

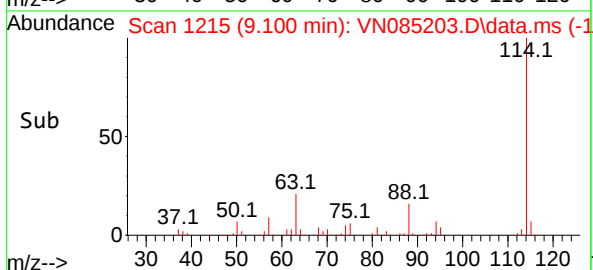
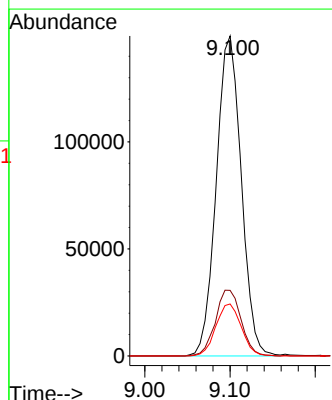
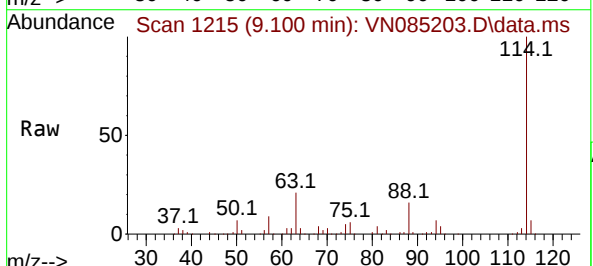
Tgt Ion: 114 Resp: 304865

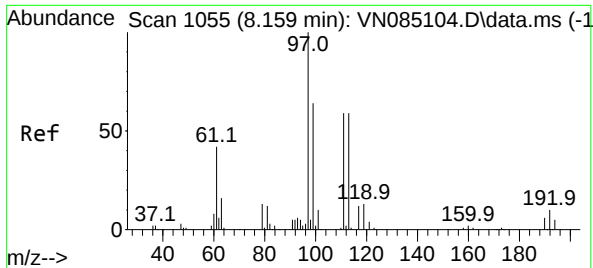
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

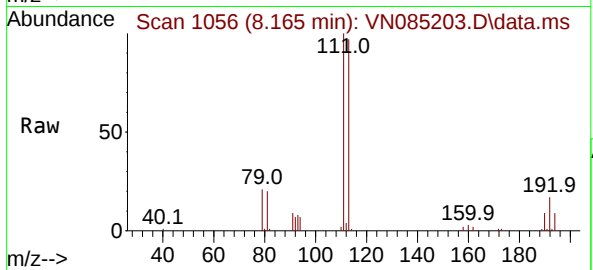
88 16.2 0.0 34.8



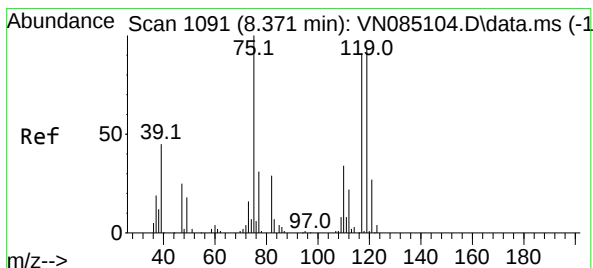
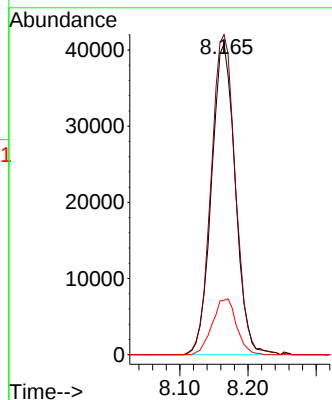
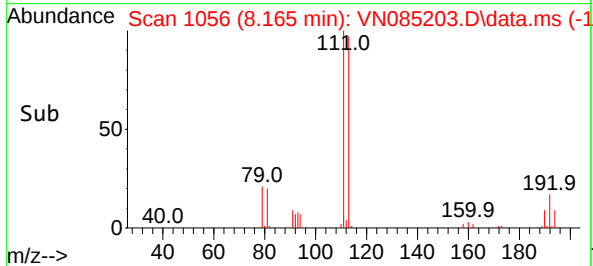


#35
Dibromofluoromethane
Concen: 48.142 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :

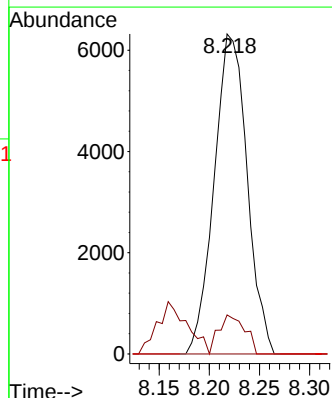
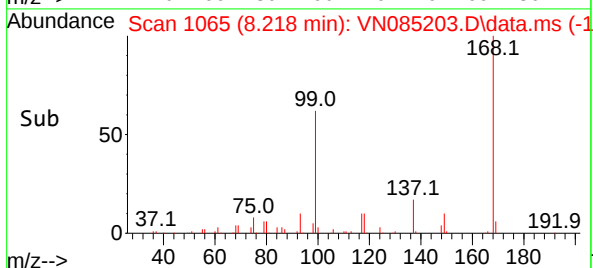
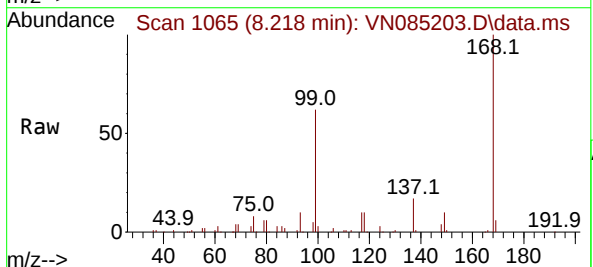


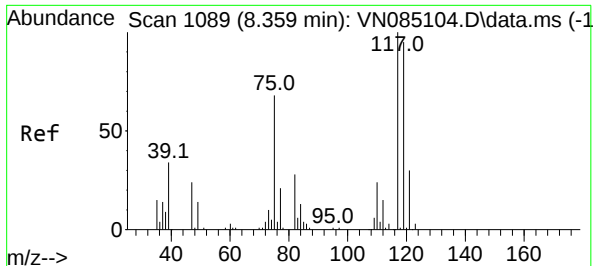
Tgt Ion:113 Resp: 98976
Ion Ratio Lower Upper
113 100
111 104.8 82.0 123.0
192 18.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.187 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

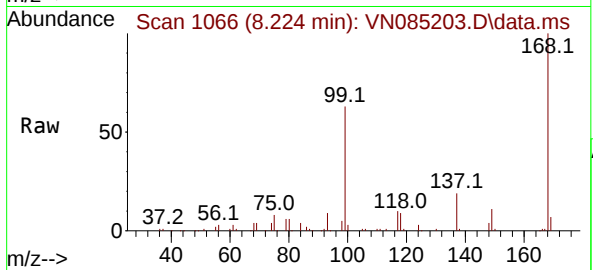
Tgt Ion: 75 Resp: 14445
Ion Ratio Lower Upper
75 100
110 9.6 17.2 51.6#
77 0.0 24.2 36.4#



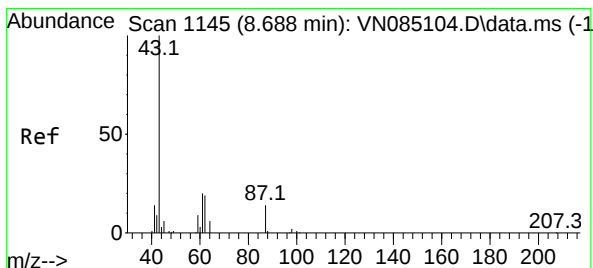
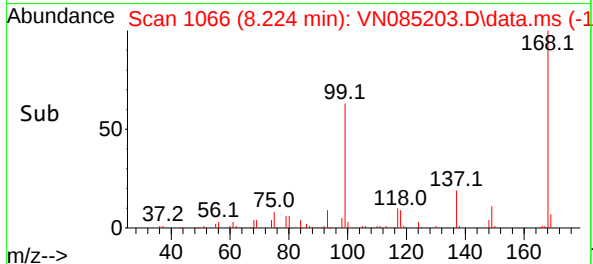
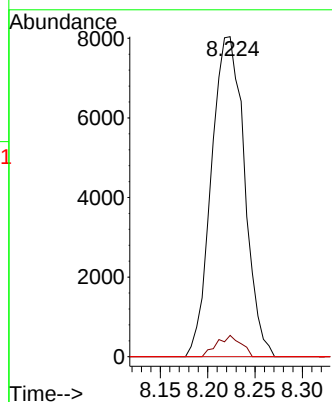


#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :

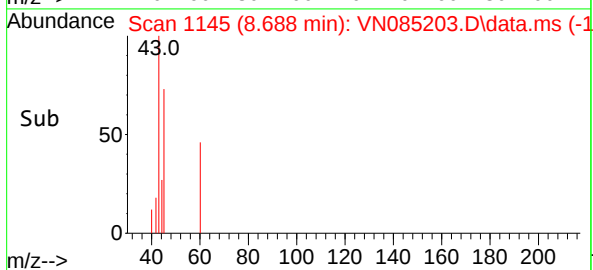
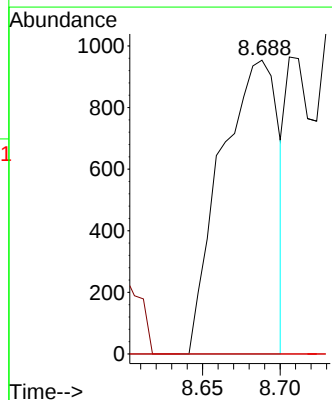
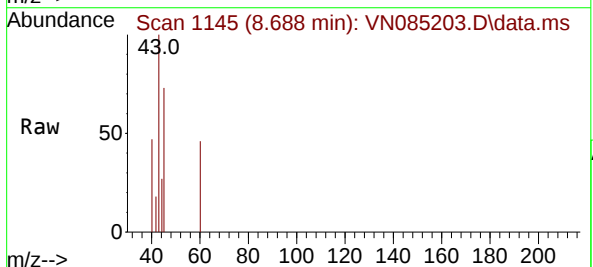


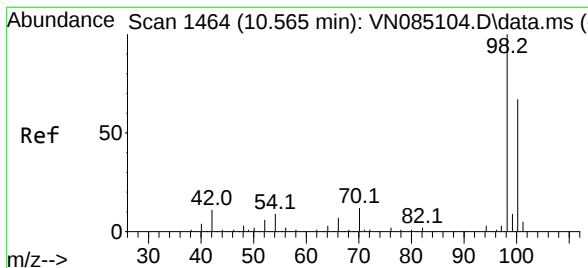
Tgt Ion:117 Resp: 19463
Ion Ratio Lower Upper
117 100
119 6.7 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.466 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

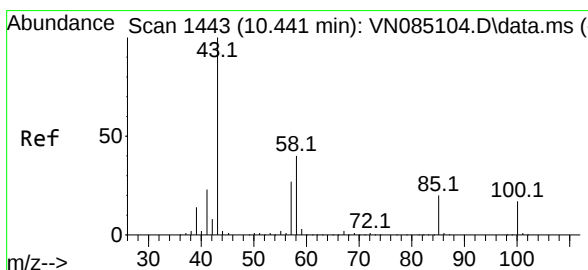
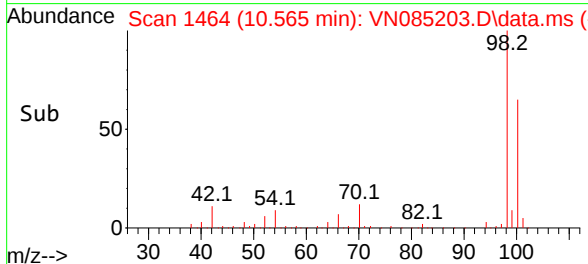
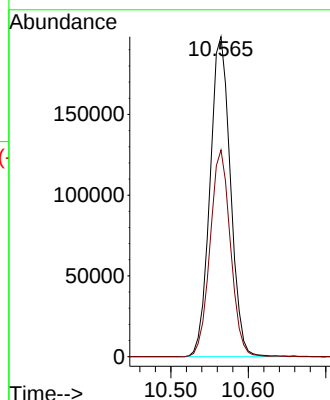
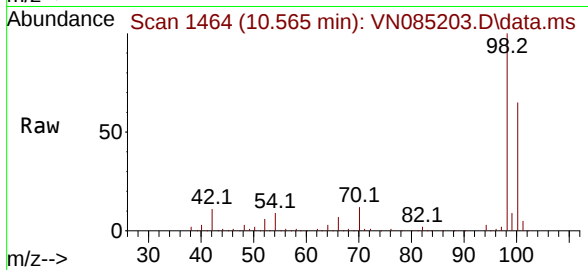




#50
Toluene-d8
Concen: 49.213 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

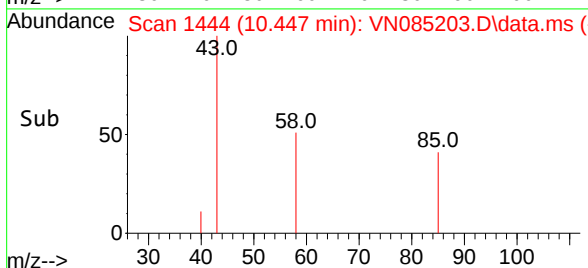
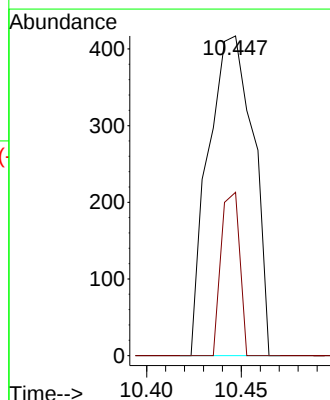
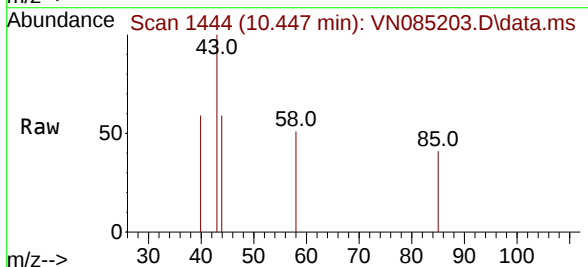
Instrument :
MSVOA_N
ClientSampleId :

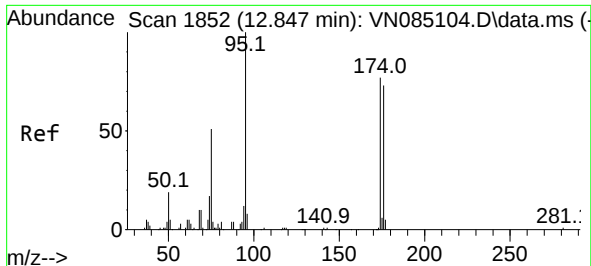
Tgt Ion: 98 Resp: 362597
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.286 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 21.3 32.1 48.1#

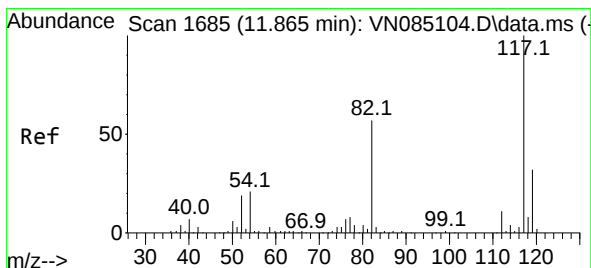
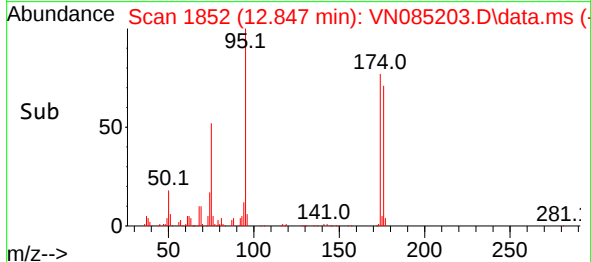
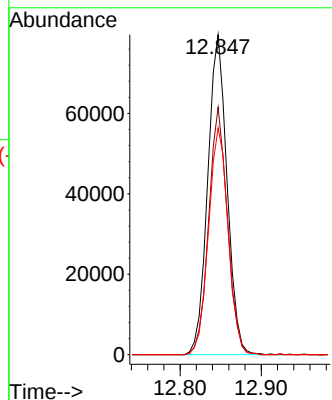
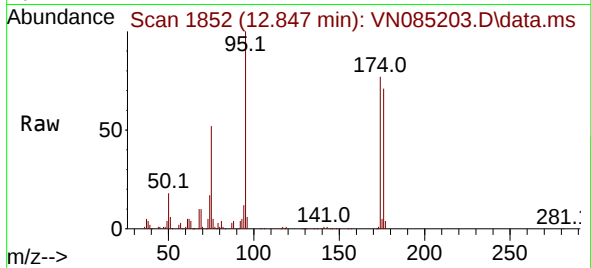




#62
4-Bromofluorobenzene
Concen: 47.625 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

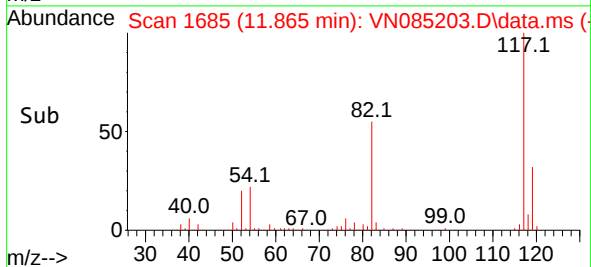
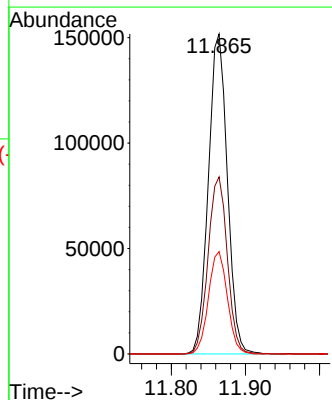
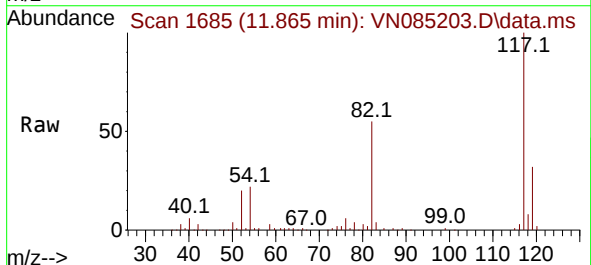
Instrument :
MSVOA_N
ClientSampleId :

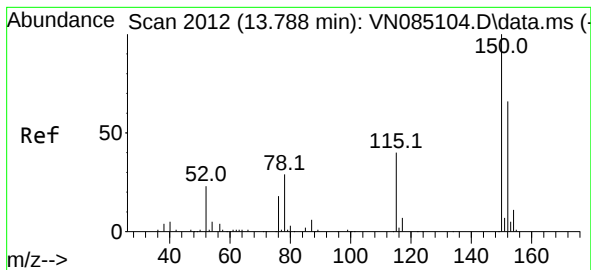
Tgt Ion: 95 Resp: 131223
Ion Ratio Lower Upper
95 100
174 75.2 0.0 146.6
176 71.8 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

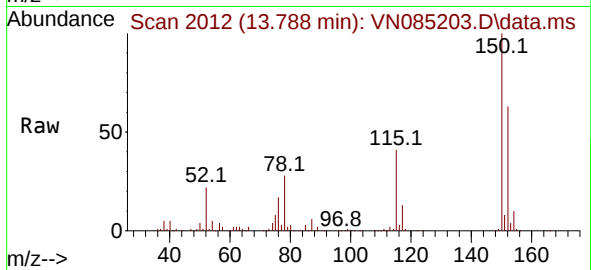
Tgt Ion: 117 Resp: 270289
Ion Ratio Lower Upper
117 100
82 55.3 46.0 69.0
119 32.0 25.6 38.4



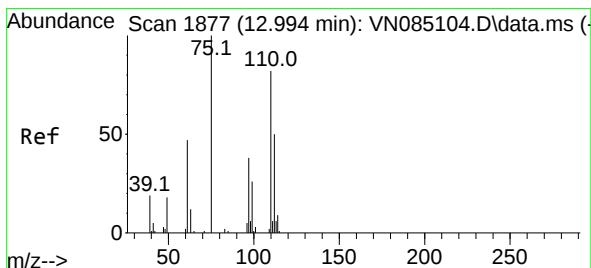
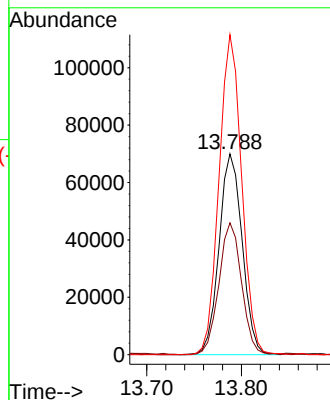
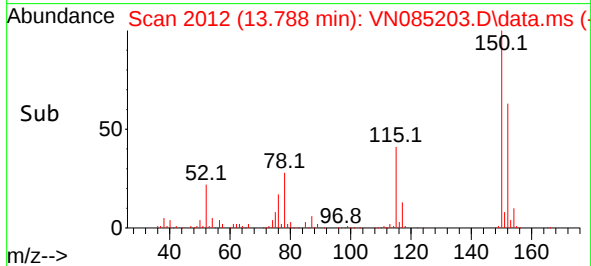


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :

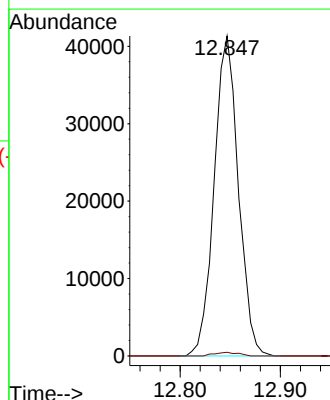
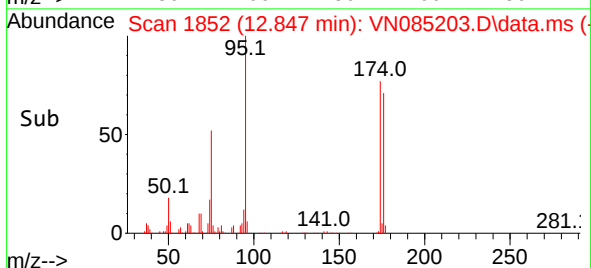
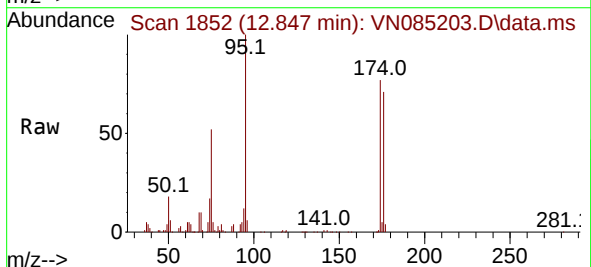


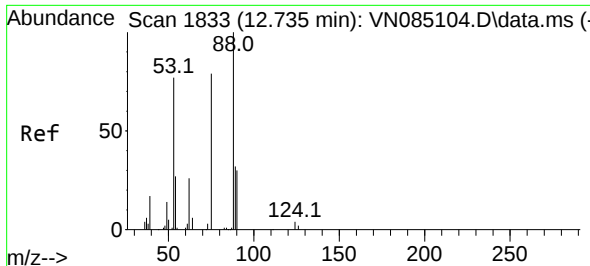
Tgt Ion:152 Resp: 118841
Ion Ratio Lower Upper
152 100
115 64.6 31.7 95.1
150 155.9 0.0 351.4



#76
1,2,3-Trichloropropane
Concen: 32.037 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion: 75 Resp: 69252
Ion Ratio Lower Upper
75 100
77 1.1 109.1 327.4#

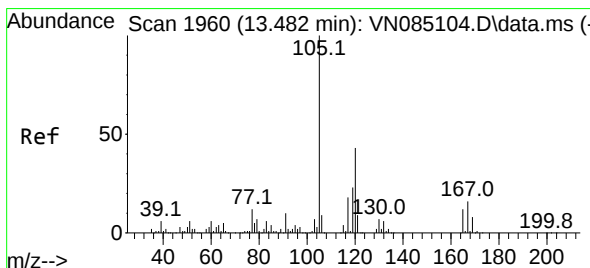
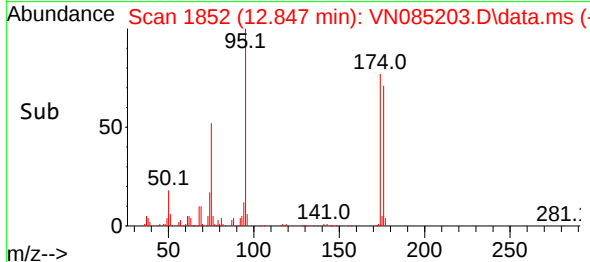
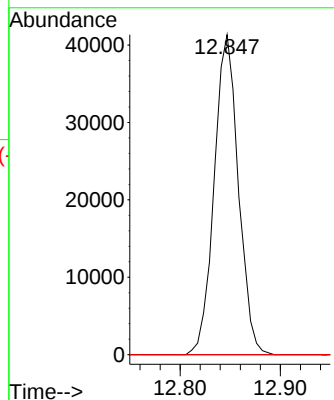
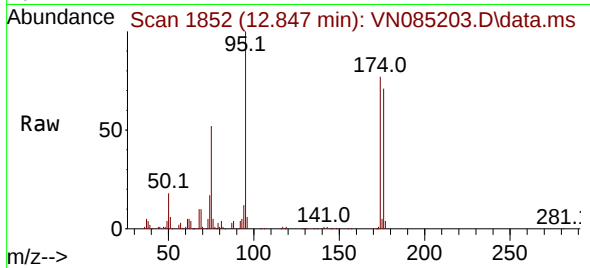




#81
trans-1,4-Dichloro-2-butene
Concen: 70.724 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

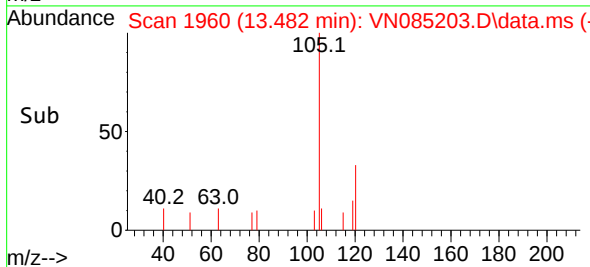
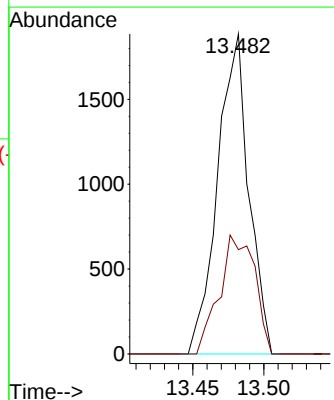
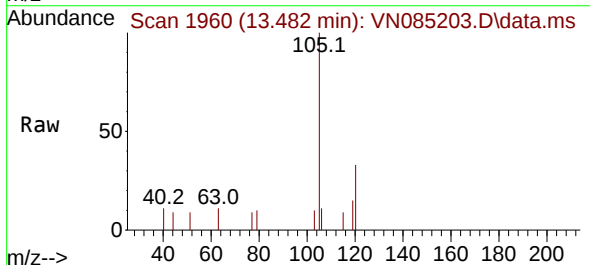
Instrument :
MSVOA_N
ClientSampleId :

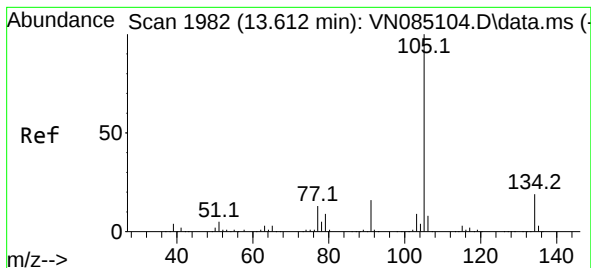
Tgt Ion: 75 Resp: 69252
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.397 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion: 105 Resp: 2875
Ion Ratio Lower Upper
105 100
120 42.1 21.8 65.4





#85

sec-Butylbenzene

Concen: 0.352 ug/l

RT: 13.482 min Scan# 1982

Delta R.T. -0.130 min

Lab File: VN085203.D

Acq: 13 Dec 2024 17:51

Instrument :

MSVOA_N

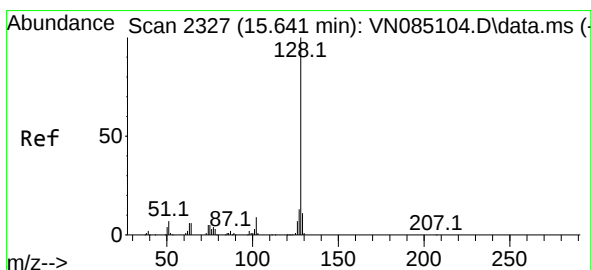
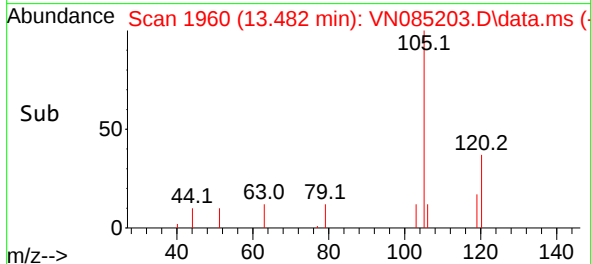
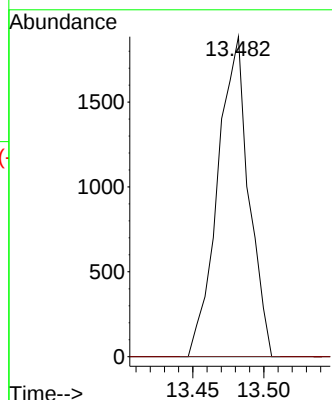
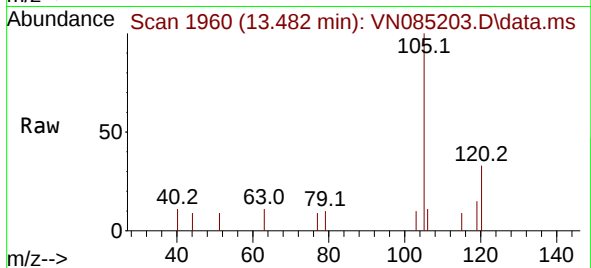
ClientSampleId :

Tgt Ion:105 Resp: 2875

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#95

Naphthalene

Concen: 11.041 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085203.D

Acq: 13 Dec 2024 17:51

Tgt Ion:128 Resp: 72847

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.5 8.6 12.8

