

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085099.D
 Acq On : 04 Dec 2024 17:13
 Operator : JC\MD
 Sample : P5088-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 04 22:10:20 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)

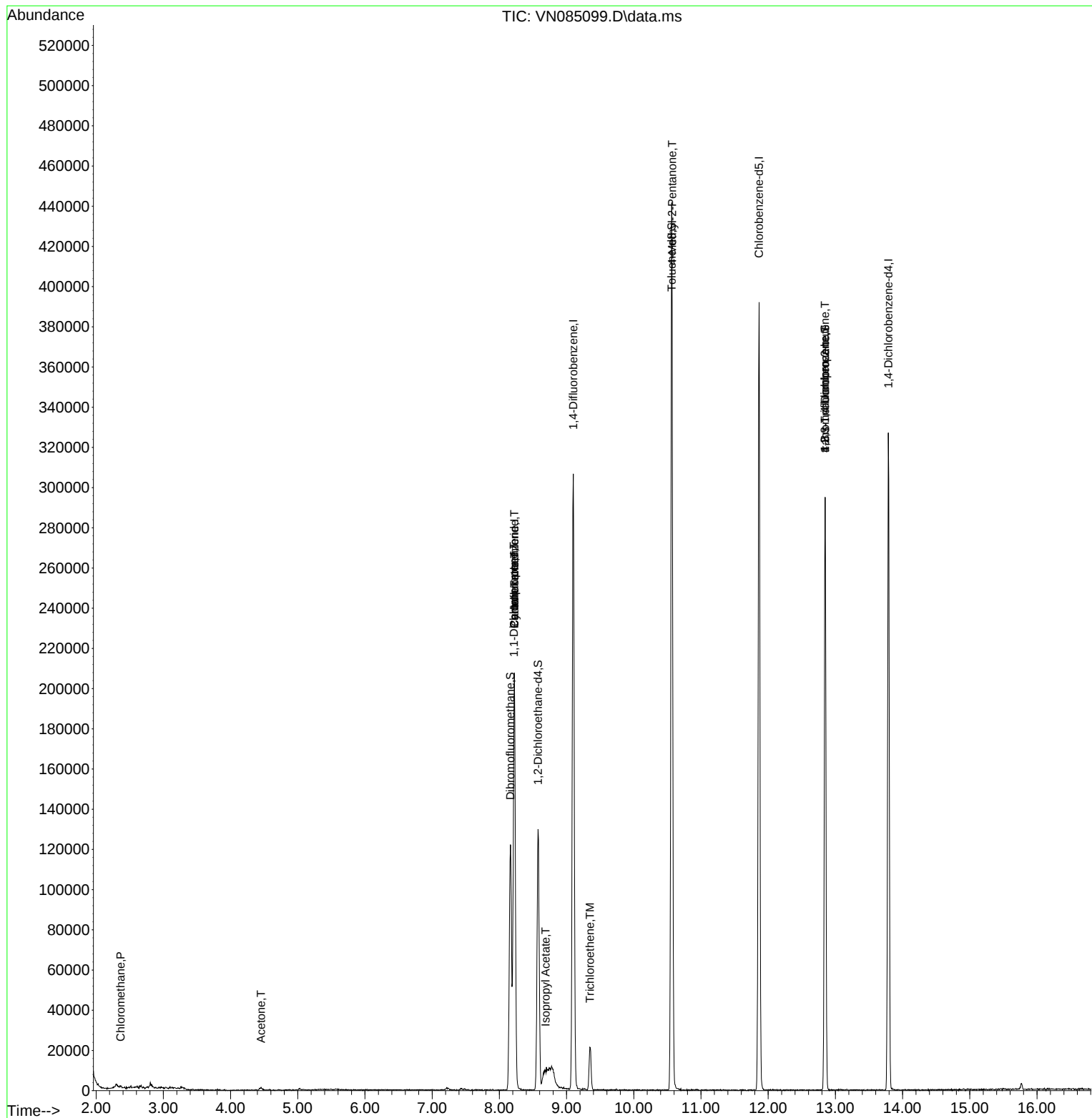
Internal Standards						
1) Pentafluorobenzene	8.224	168	146135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109189	52.455	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.900%		
35) Dibromofluoromethane	8.165	113	90789	50.790	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.580%		
50) Toluene-d8	10.565	98	304065	47.465	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.940%		
62) 4-Bromofluorobenzene	12.847	95	102947	42.972	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 85.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	633	0.330	ug/l #	40
16) Acetone	4.453	43	824	1.359	ug/l #	43
18) Methyl Acetate	5.030	43	748	Below Cal	#	50
31) Cyclohexane	8.224	56	3535	1.275	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11966	4.942	ug/l #	52
38) Carbon Tetrachloride	8.224	117	16052	5.744	ug/l #	14
43) Isopropyl Acetate	8.688	43	9770	2.137	ug/l #	55
44) Trichloroethene	9.347	130	8286	4.656	ug/l	85
51) 4-Methyl-2-Pentanone	10.571	43	1401	0.671	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	52420	33.037	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52420	72.933	ug/l #	10

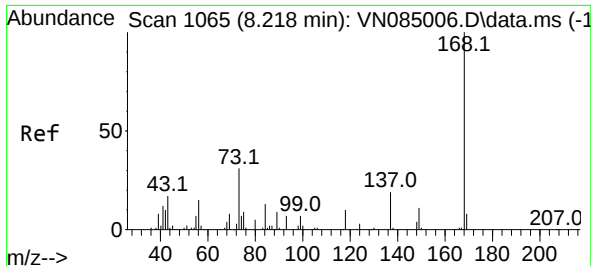
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

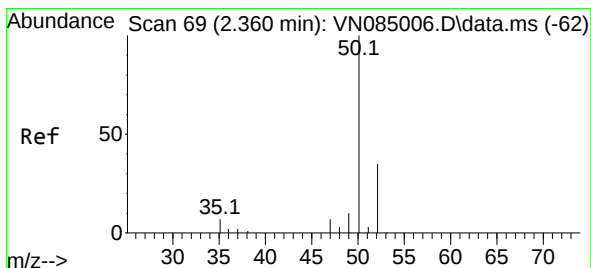
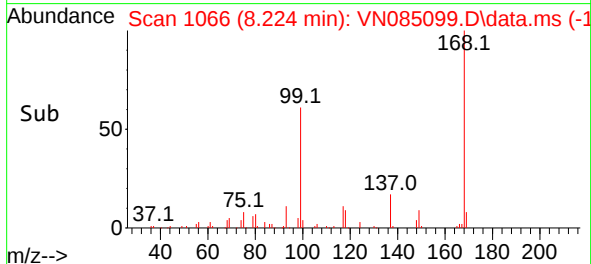
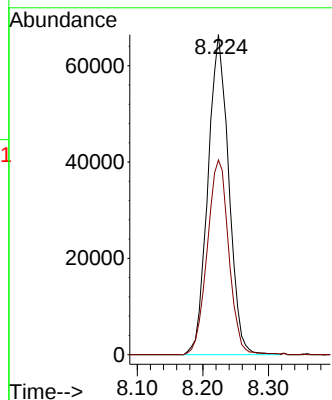
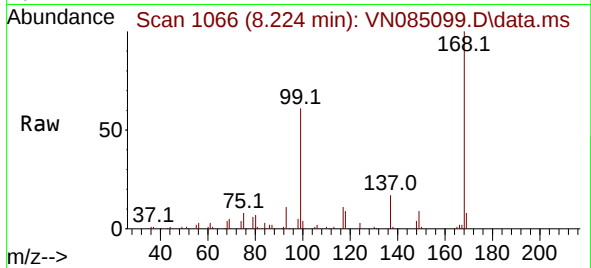




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

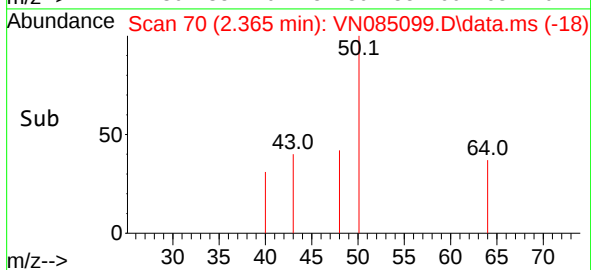
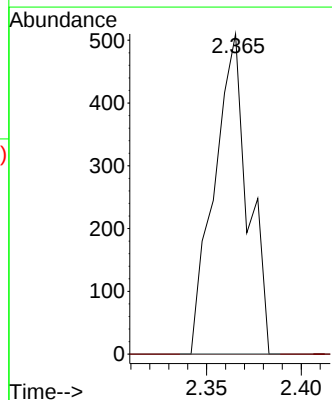
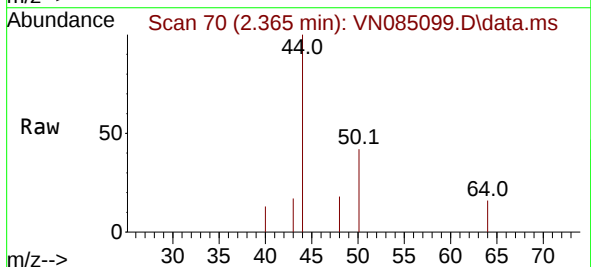
Instrument :
MSVOA_N
ClientSampleId :

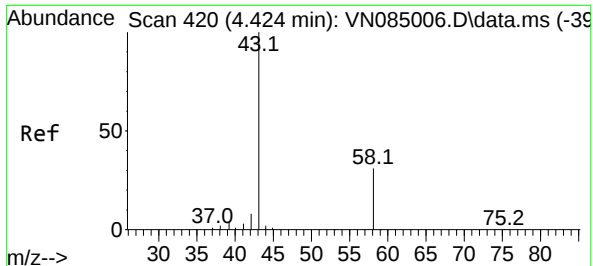
Tgt Ion:168 Resp: 146135
Ion Ratio Lower Upper
168 100
99 60.8 51.2 76.8



#3
Chloromethane
Concen: 0.330 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

Tgt Ion: 50 Resp: 633
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

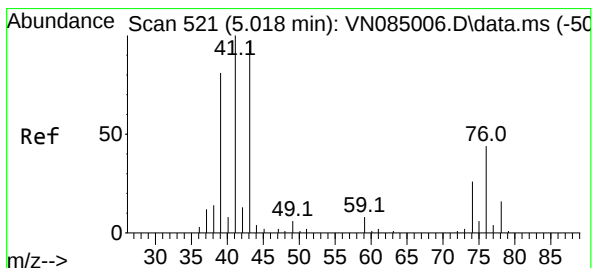
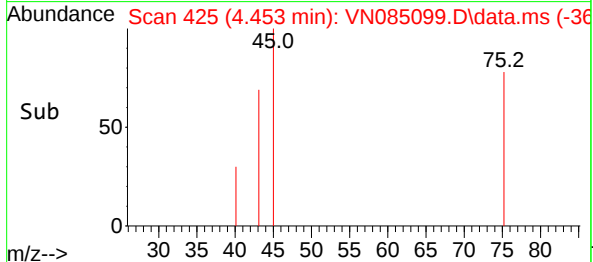
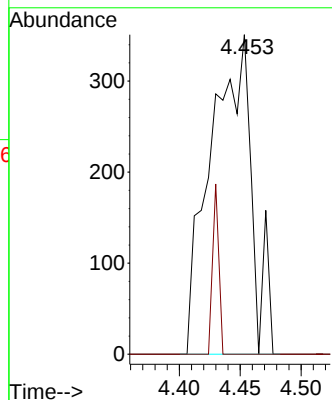
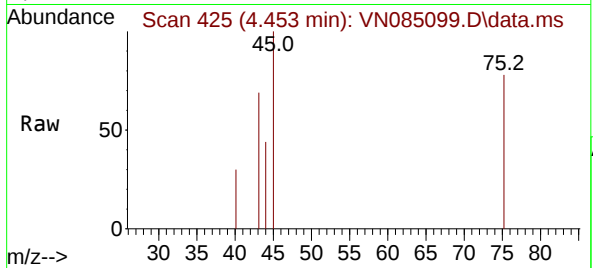




#16
Acetone
Concen: 1.359 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

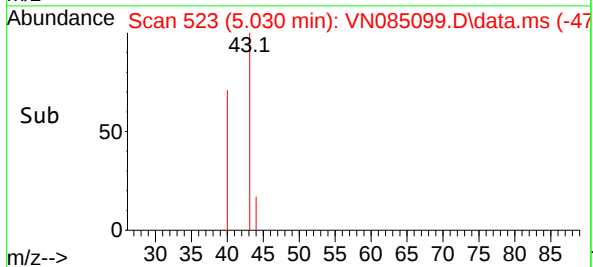
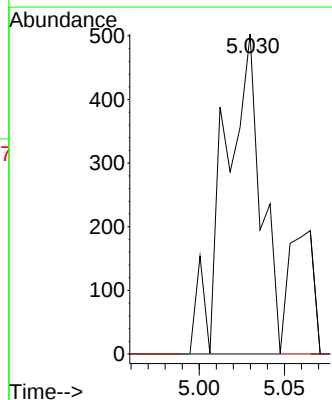
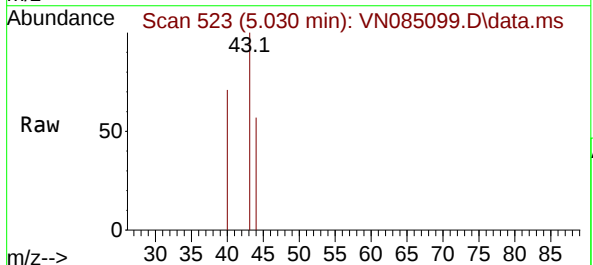
Instrument :
MSVOA_N
ClientSampleId :

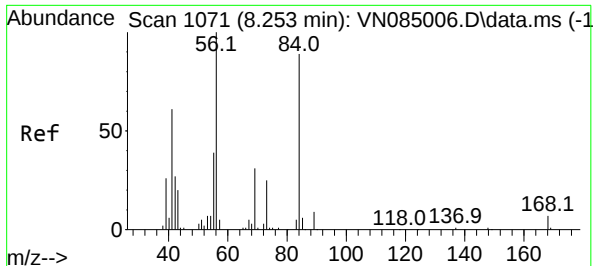
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

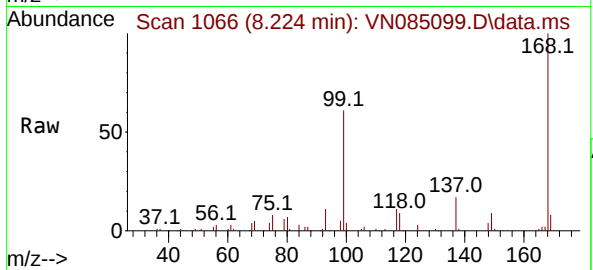
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



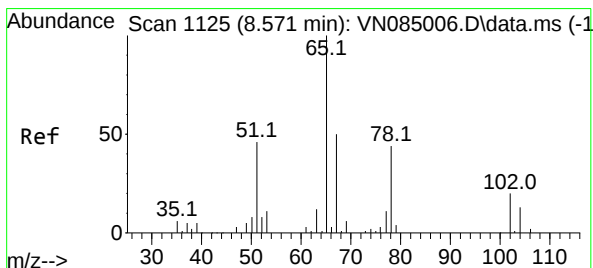
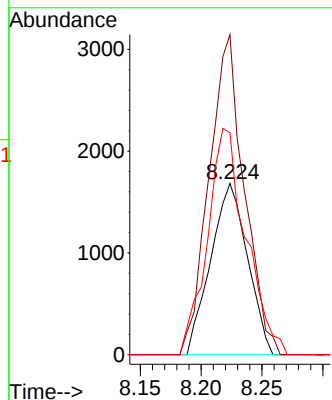
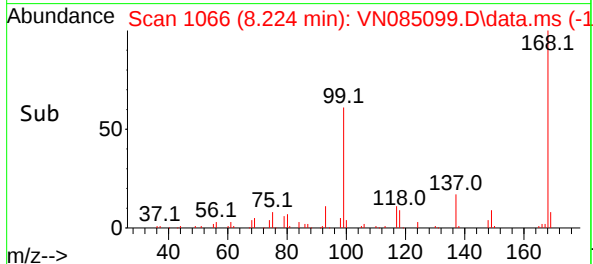


#31
Cyclohexane
Concen: 1.275 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :

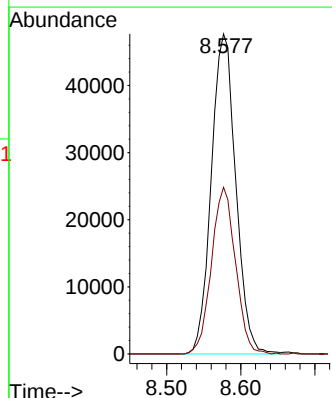
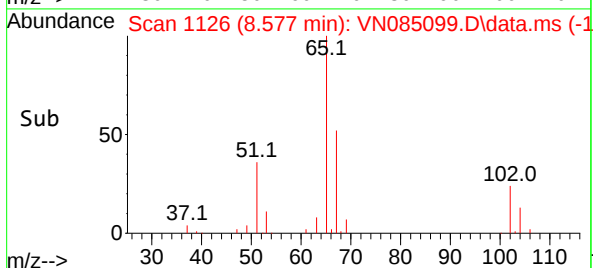
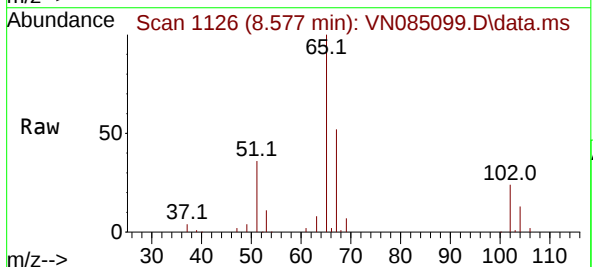


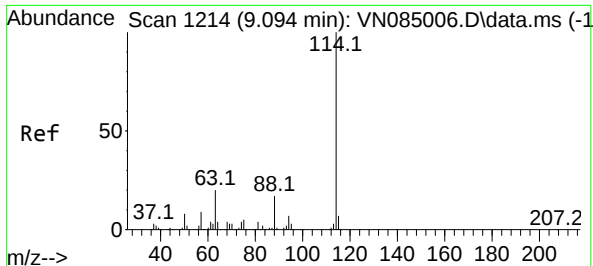
Tgt Ion: 56 Resp: 3535
Ion Ratio Lower Upper
56 100
69 186.8 24.6 36.8#
84 129.6 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 52.455 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

Tgt Ion: 65 Resp: 109189
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: VN085099.D

Acq: 04 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

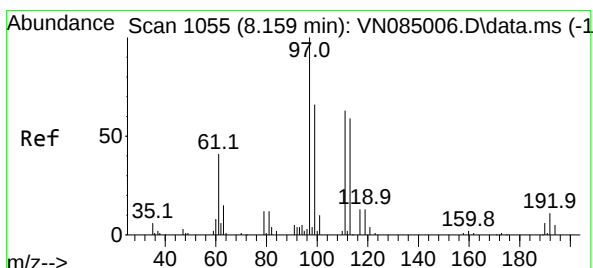
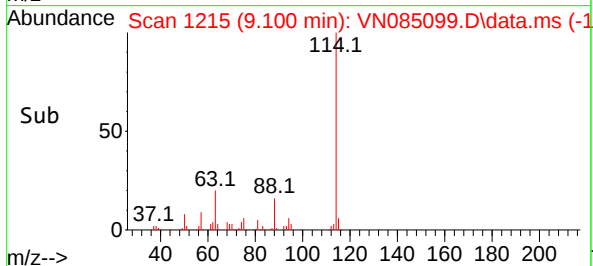
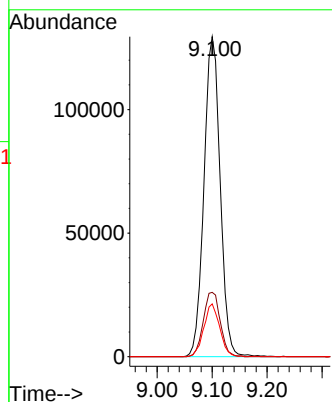
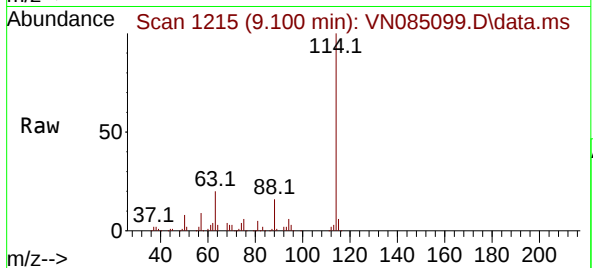
Tgt Ion:114 Resp: 265068

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.0

88 16.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.790 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085099.D

Acq: 04 Dec 2024 17:13

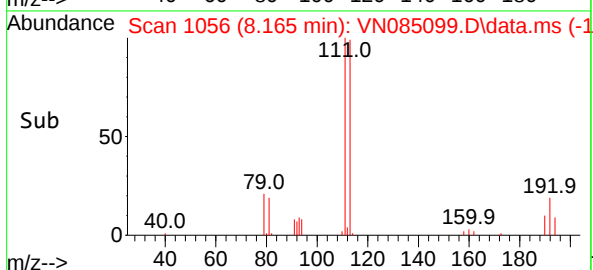
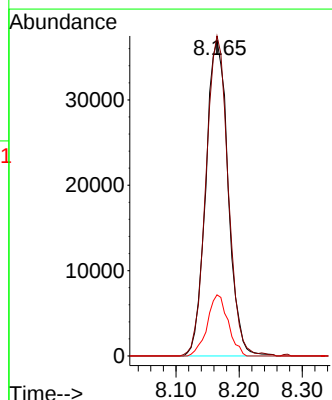
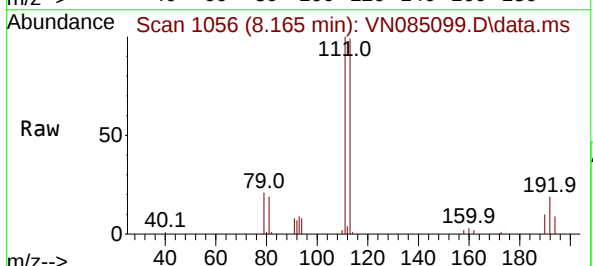
Tgt Ion:113 Resp: 90789

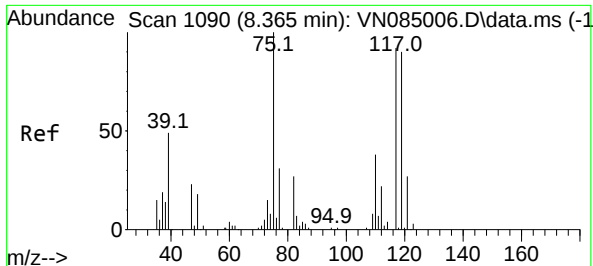
Ion Ratio Lower Upper

113 100

111 100.6 82.0 123.0

192 18.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.942 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085099.D

Acq: 04 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

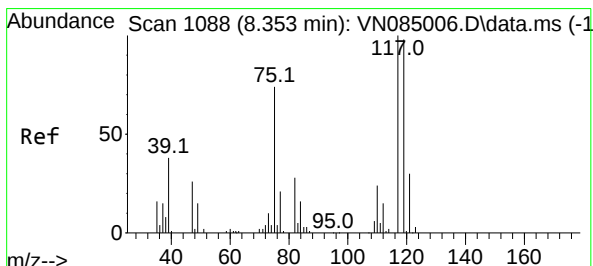
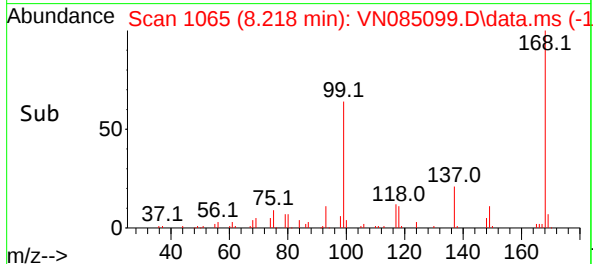
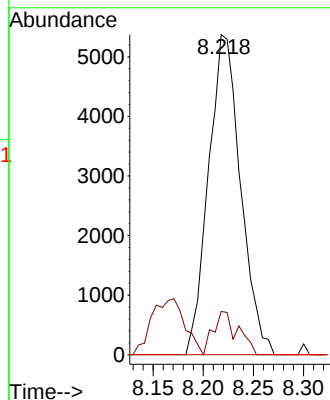
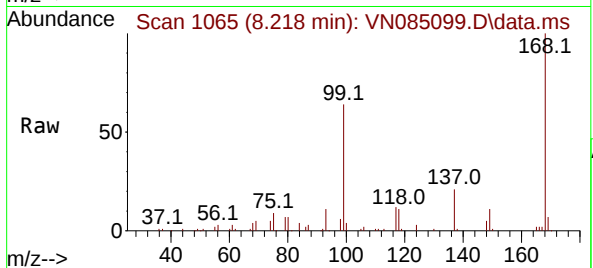
Tgt Ion: 75 Resp: 11966

Ion Ratio Lower Upper

75 100

110 10.3 17.2 51.6#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.744 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.130 min

Lab File: VN085099.D

Acq: 04 Dec 2024 17:13

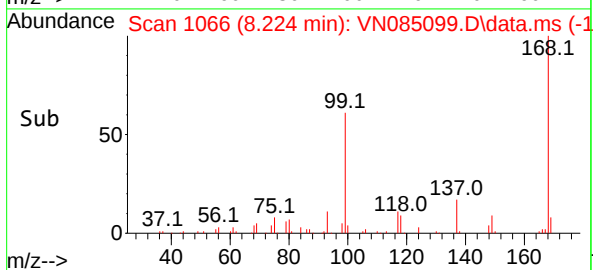
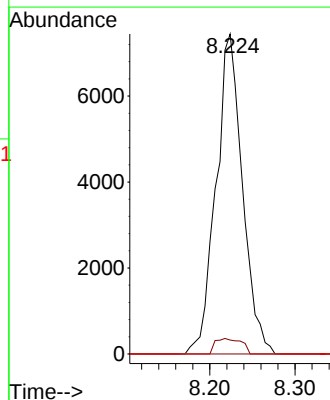
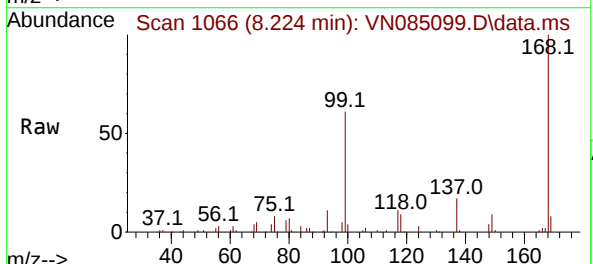
Tgt Ion: 117 Resp: 16052

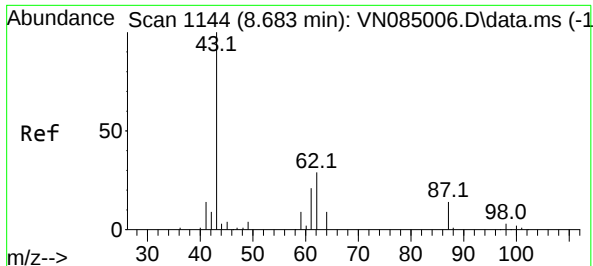
Ion Ratio Lower Upper

117 100

119 4.4 78.6 117.8#

121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 2.137 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085099.D

Acq: 04 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

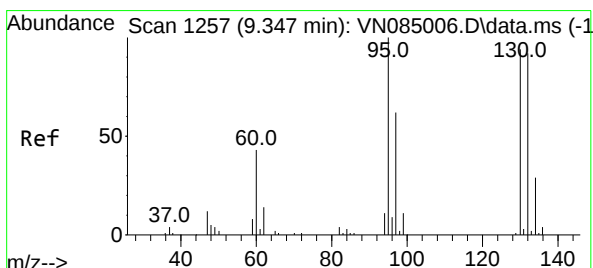
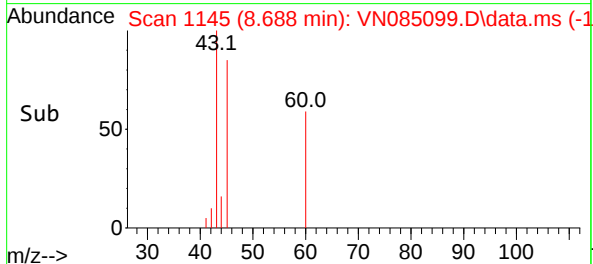
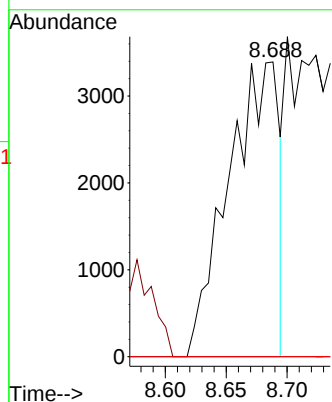
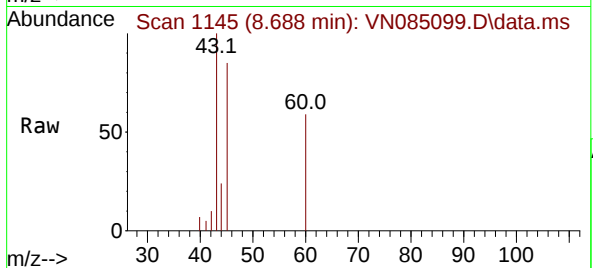
Tgt Ion: 43 Resp: 9770

Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

87 0.0 11.0 16.4#



#44

Trichloroethene

Concen: 4.656 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085099.D

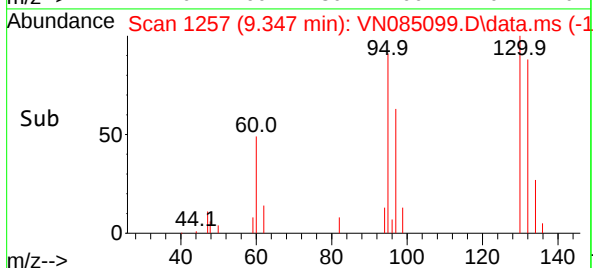
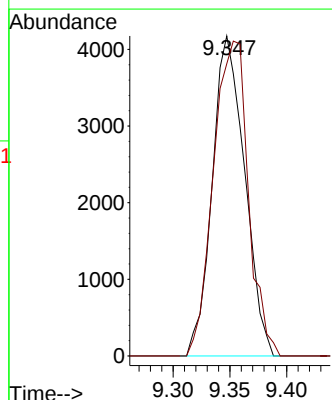
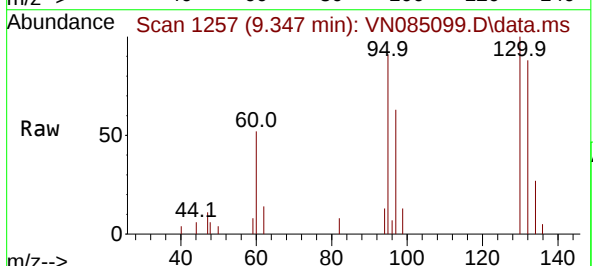
Acq: 04 Dec 2024 17:13

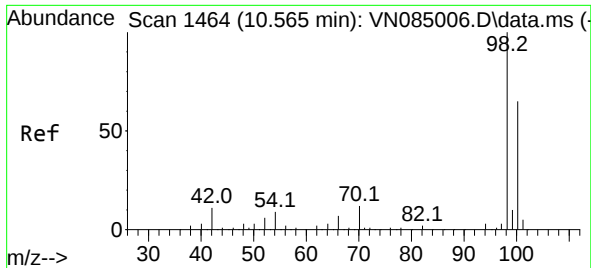
Tgt Ion:130 Resp: 8286

Ion Ratio Lower Upper

130 100

95 91.3 0.0 213.4

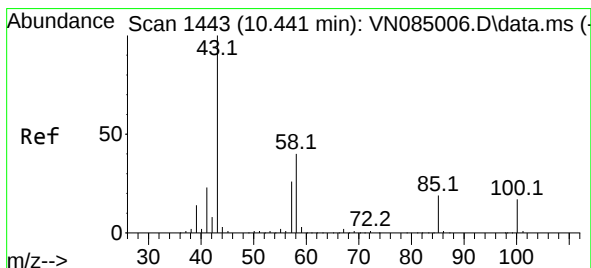
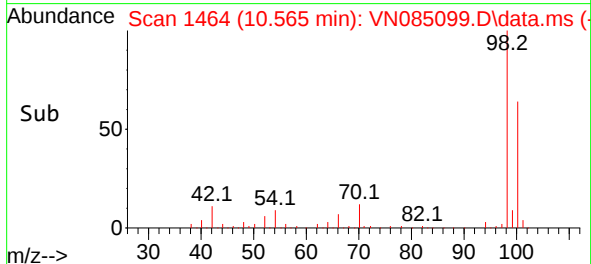
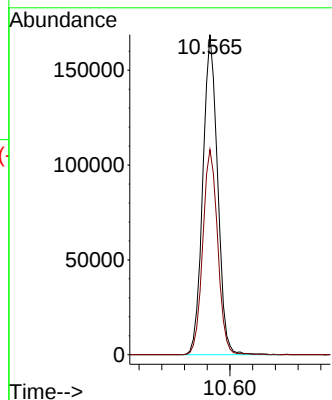
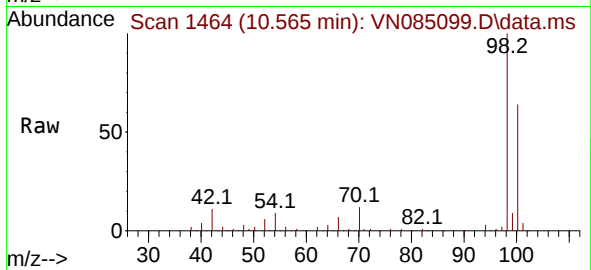




#50
Toluene-d8
Concen: 47.465 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

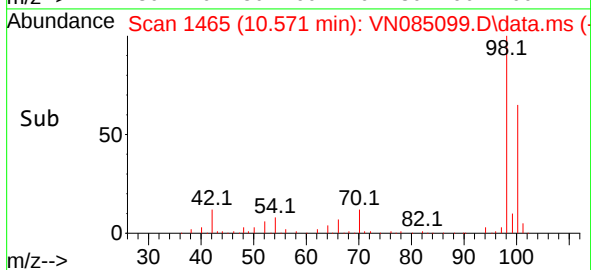
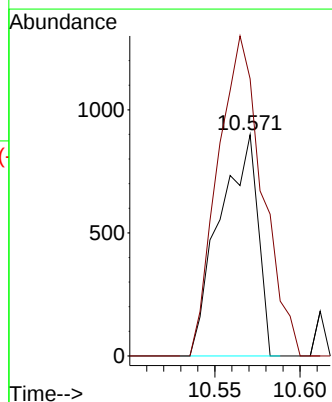
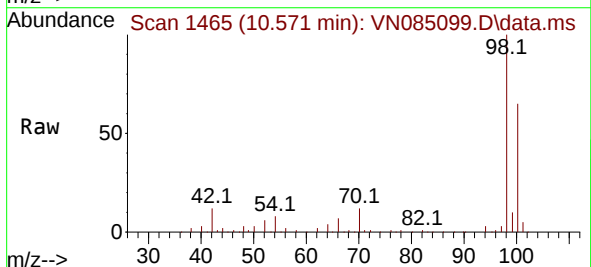
Instrument :
MSVOA_N
ClientSampleId :

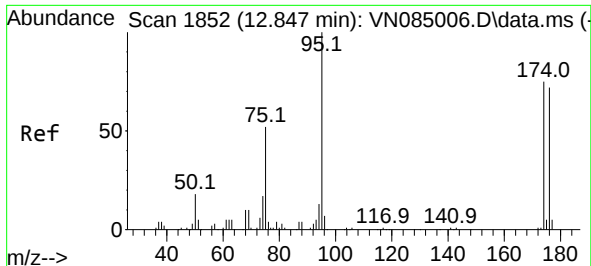
Tgt Ion: 98 Resp: 304065
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.671 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

Tgt Ion: 43 Resp: 1401
Ion Ratio Lower Upper
43 100
58 169.6 32.1 48.1#

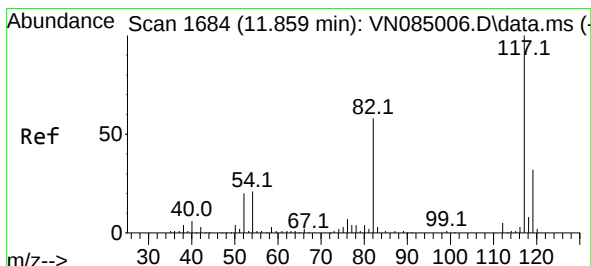
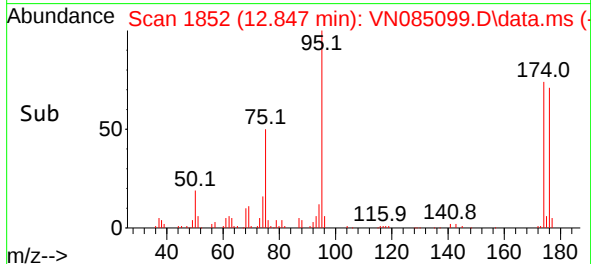
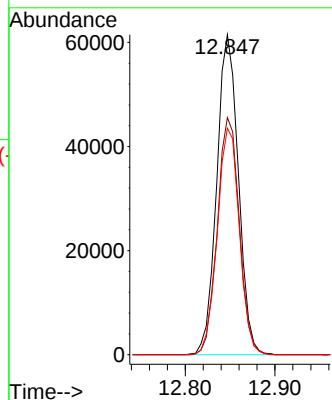
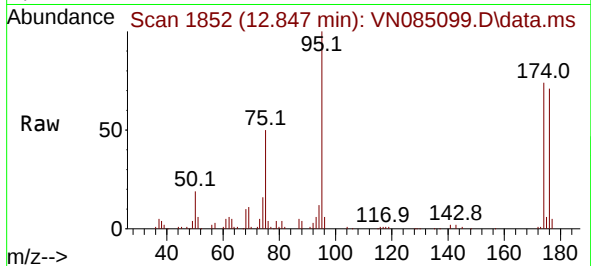




#62
4-Bromofluorobenzene
Concen: 42.972 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

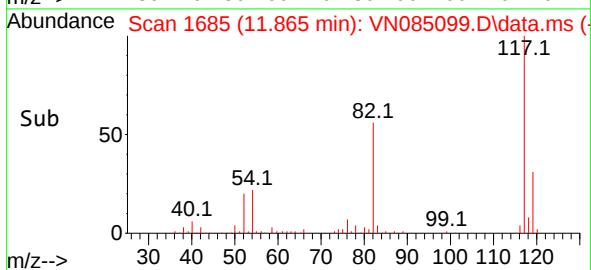
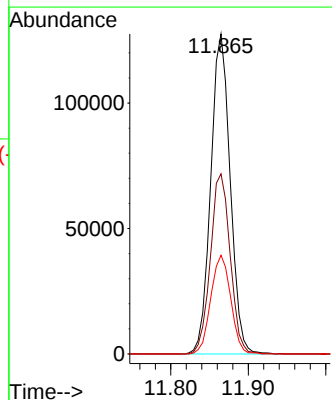
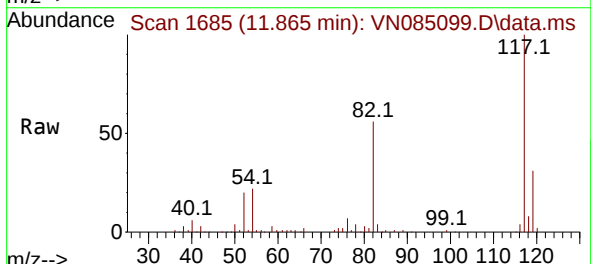
Instrument :
MSVOA_N
ClientSampleId :

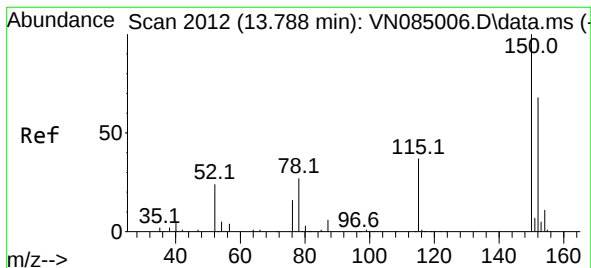
Tgt Ion: 95 Resp: 102947
Ion Ratio Lower Upper
95 100
174 75.1 0.0 146.6
176 72.0 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

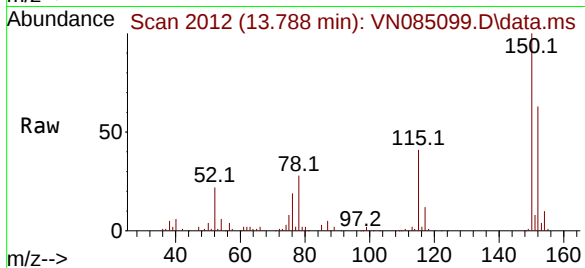
Tgt Ion: 117 Resp: 222417
Ion Ratio Lower Upper
117 100
82 56.3 46.0 69.0
119 30.9 25.6 38.4



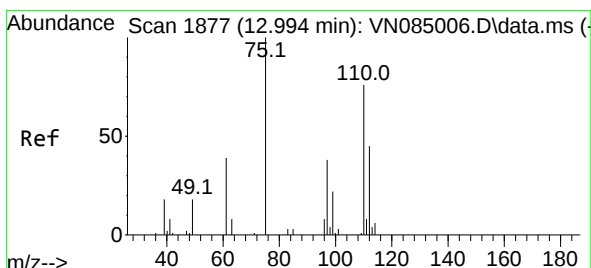
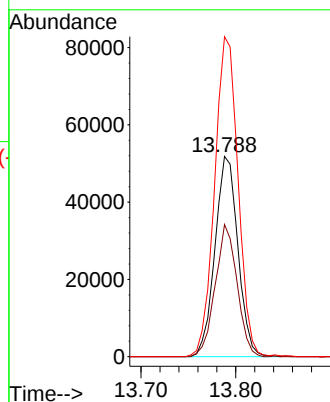
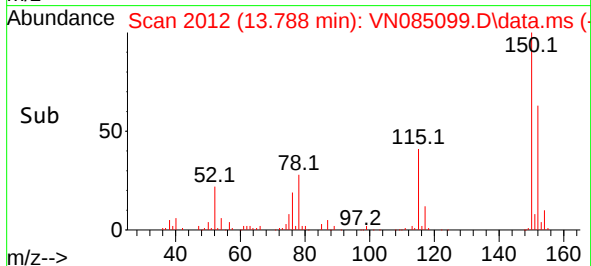


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085099.D
 Acq: 04 Dec 2024 17:13

Instrument :
 MSVOA_N
 ClientSampleId :

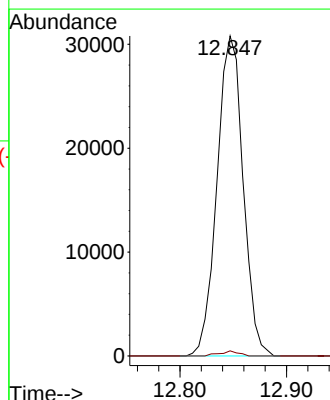
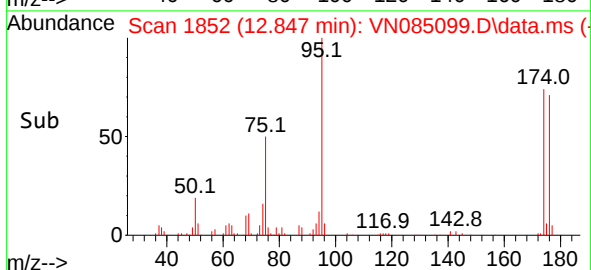
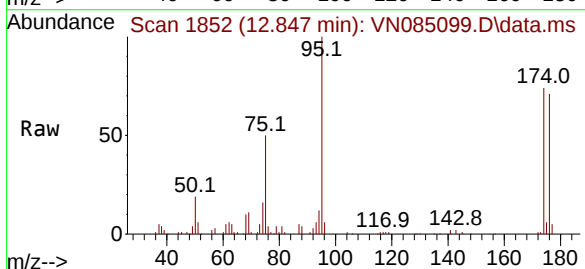


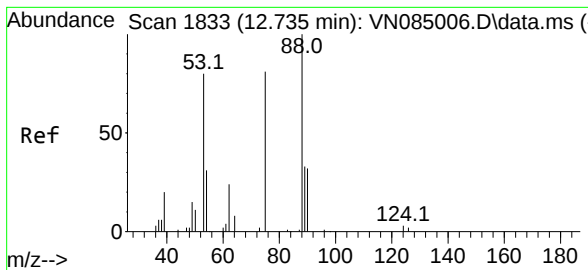
Tgt Ion:152 Resp: 87232
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.7 95.1
 150 163.1 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 33.037 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN085099.D
 Acq: 04 Dec 2024 17:13

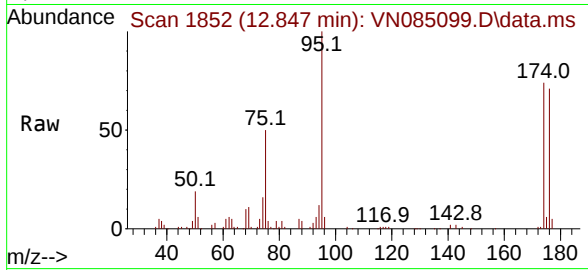
Tgt Ion: 75 Resp: 52420
 Ion Ratio Lower Upper
 75 100
 77 1.1 109.1 327.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.933 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085099.D
Acq: 04 Dec 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 52420
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

