

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085101.D
 Acq On : 04 Dec 2024 18:01
 Operator : JC\MD
 Sample : P5088-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 04 22:11:12 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)

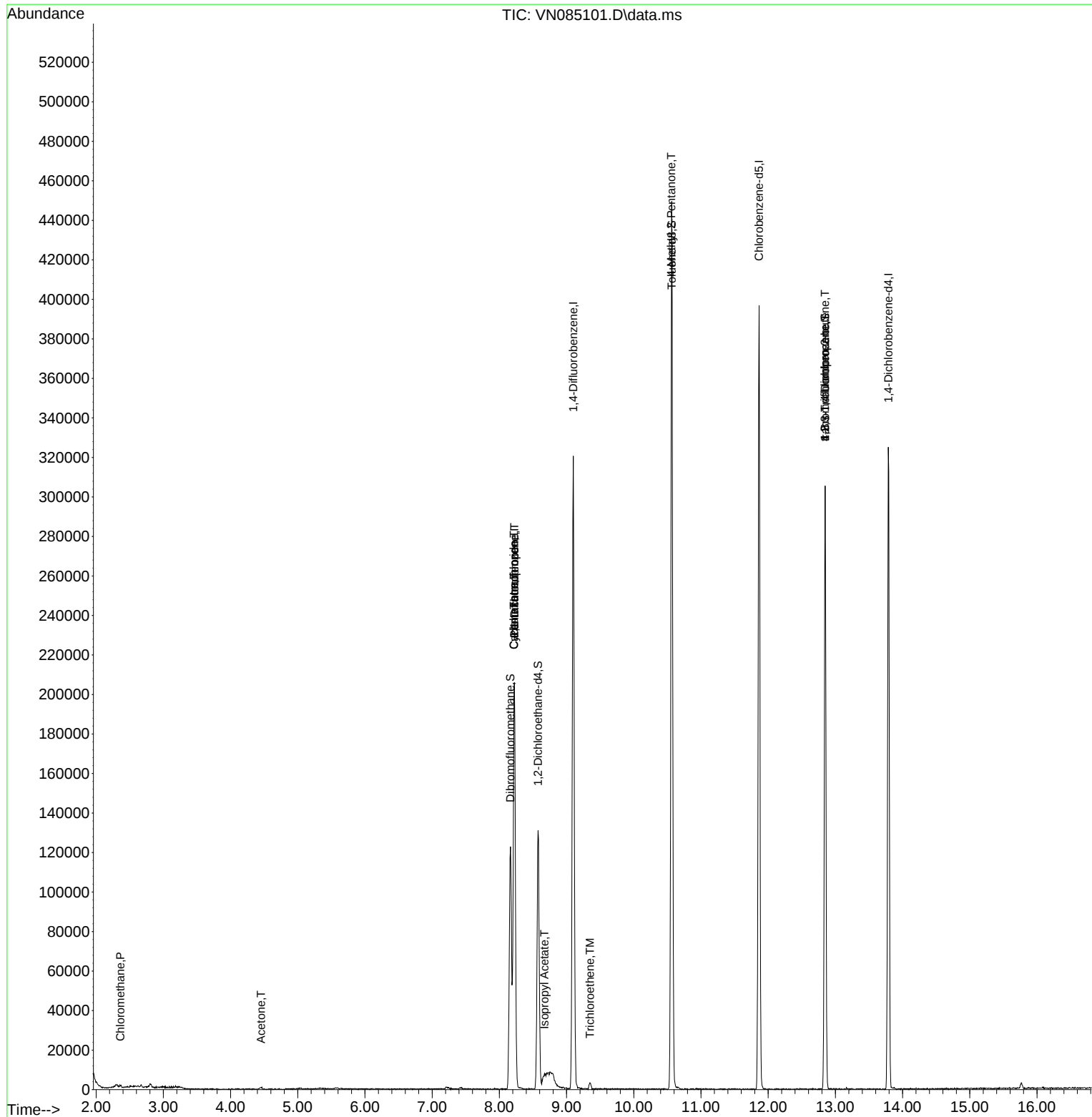
Internal Standards						
1) Pentafluorobenzene	8.224	168	148273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110887	52.502	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.000%		
35) Dibromofluoromethane	8.165	113	90394	49.713	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.420%		
50) Toluene-d8	10.565	98	307227	47.147	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.300%		
62) 4-Bromofluorobenzene	12.847	95	105053	43.109	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 86.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	880	0.453	ug/l #	40
16) Acetone	4.453	43	707	1.149	ug/l #	43
18) Methyl Acetate	5.030	43	720	Below Cal	#	65
31) Cyclohexane	8.218	56	3376	1.200	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	12546	5.094	ug/l #	50
38) Carbon Tetrachloride	8.218	117	15709	5.526	ug/l #	17
43) Isopropyl Acetate	8.671	43	6942	1.493	ug/l #	55
44) Trichloroethene	9.347	130	1378	0.761	ug/l	71
51) 4-Methyl-2-Pentanone	10.559	43	1459	0.687	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	55376	33.751	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	55376	74.508	ug/l #	10

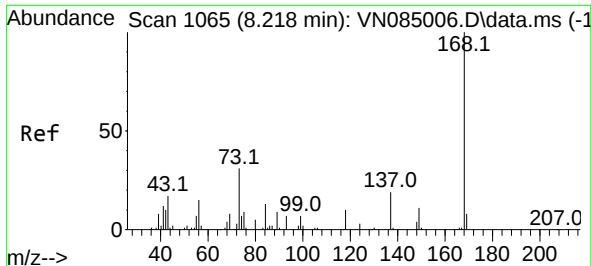
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 23 02:54:10 2024
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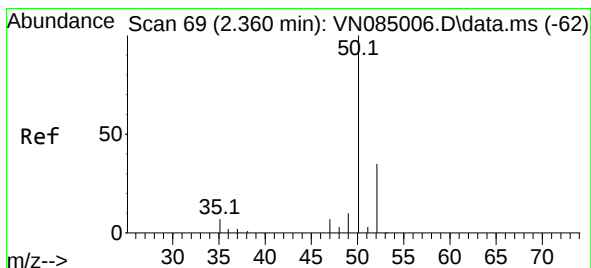
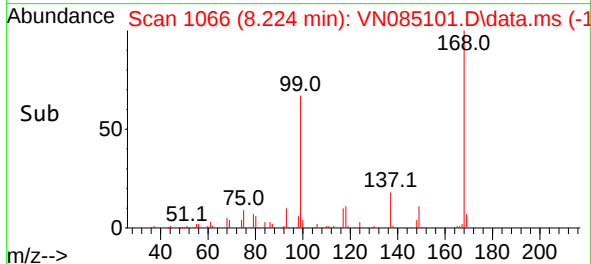
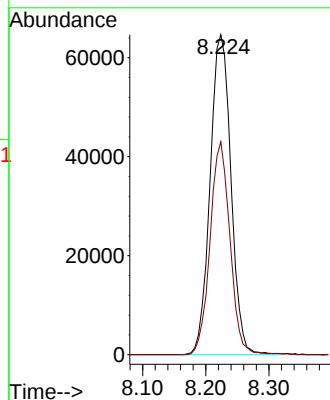
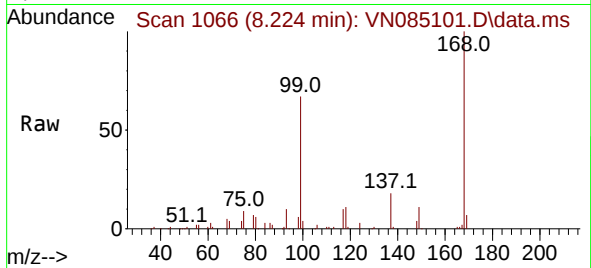




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

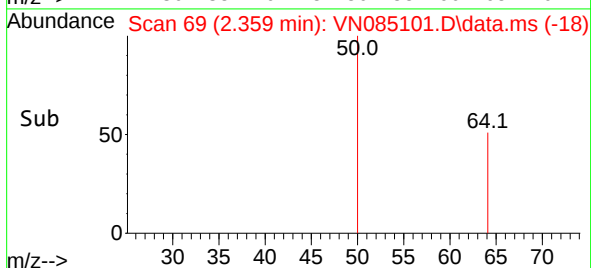
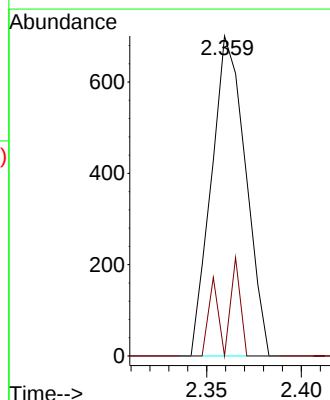
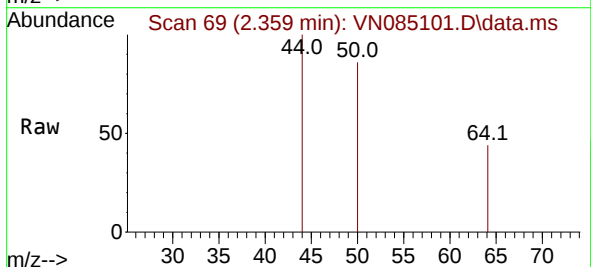
Instrument :
MSVOA_N
ClientSampleId :

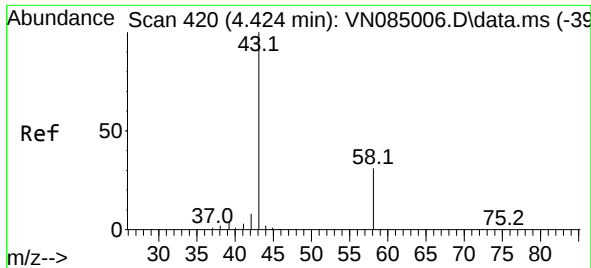
Tgt Ion:168 Resp: 148273
Ion Ratio Lower Upper
168 100
99 66.5 51.2 76.8



#3
Chloromethane
Concen: 0.453 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

Tgt Ion: 50 Resp: 880
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

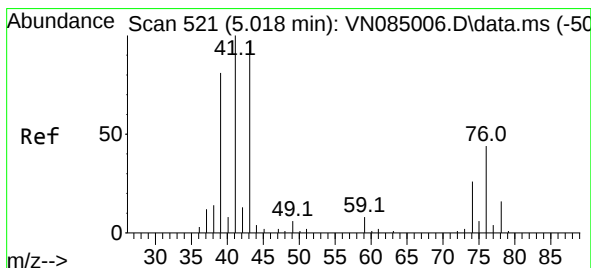
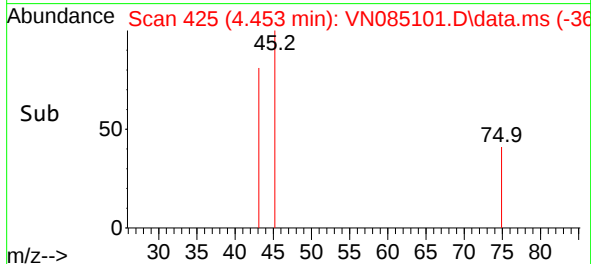
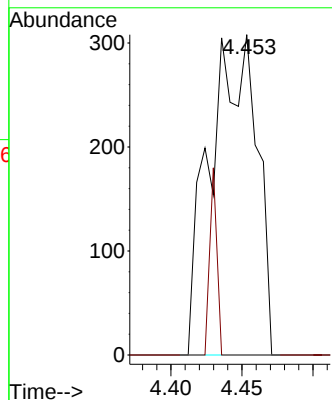
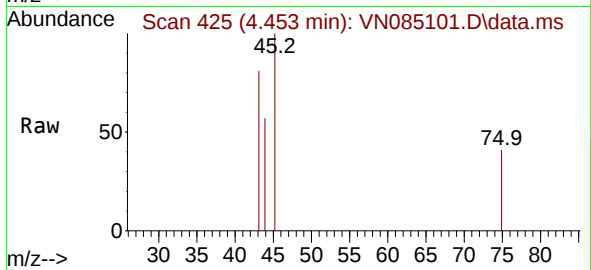




#16
Acetone
Concen: 1.149 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

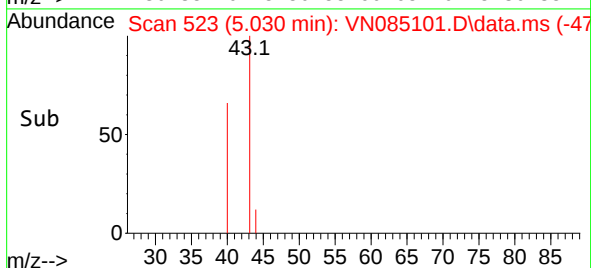
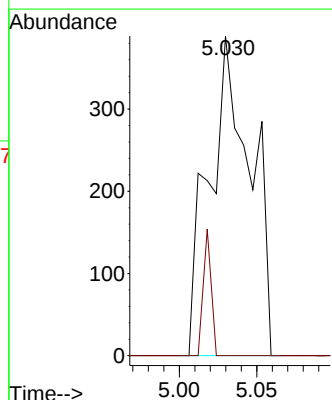
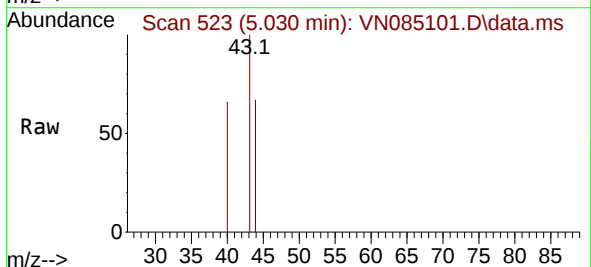
Instrument :
MSVOA_N
ClientSampleId :

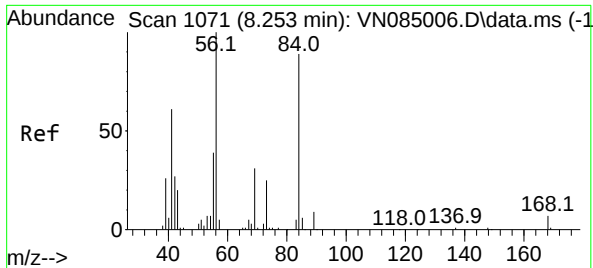
Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

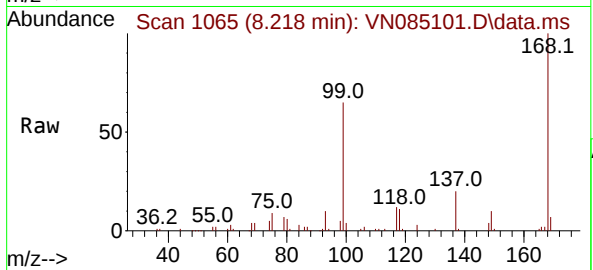
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
74 7.5 20.1 30.1#



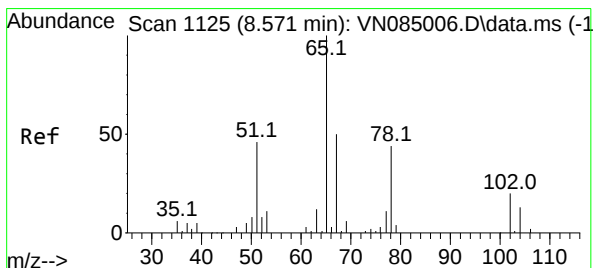
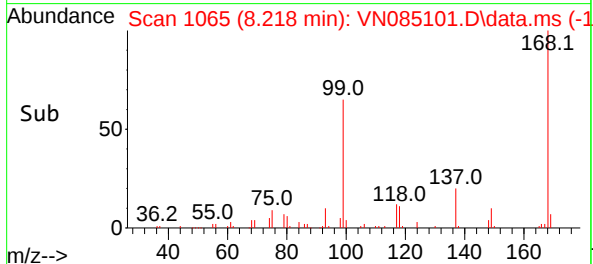
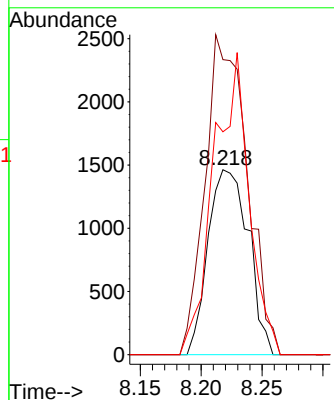


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

Instrument :
MSVOA_N
ClientSampleId :

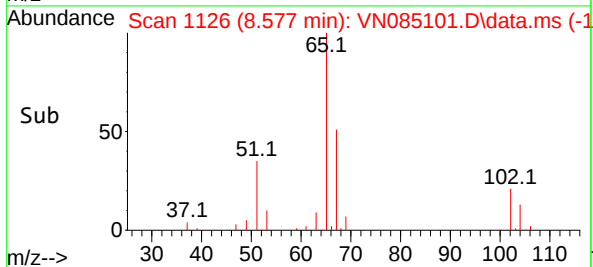
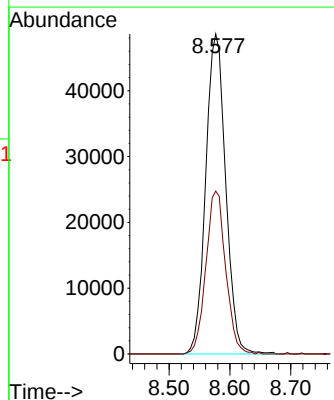
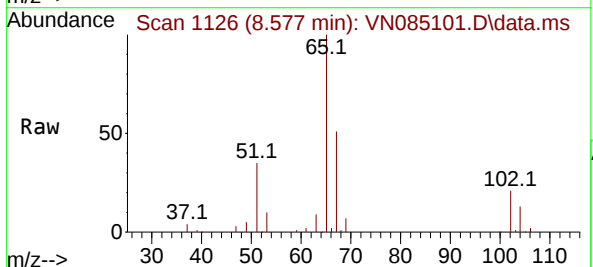


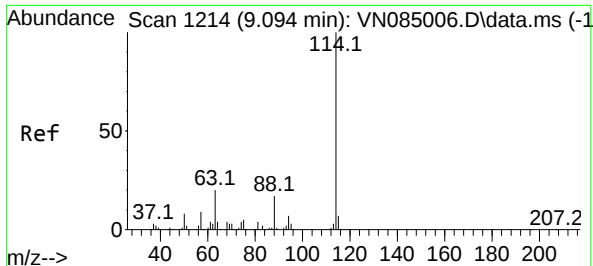
Tgt Ion: 56 Resp: 3376
Ion Ratio Lower Upper
56 100
69 159.5 24.6 36.8#
84 120.5 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 52.502 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

Tgt Ion: 65 Resp: 110887
Ion Ratio Lower Upper
65 100
67 50.3 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: VN085101.D

Acq: 04 Dec 2024 18:01

Instrument :

MSVOA_N

ClientSampleId :

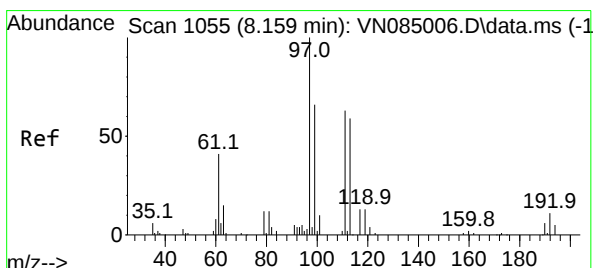
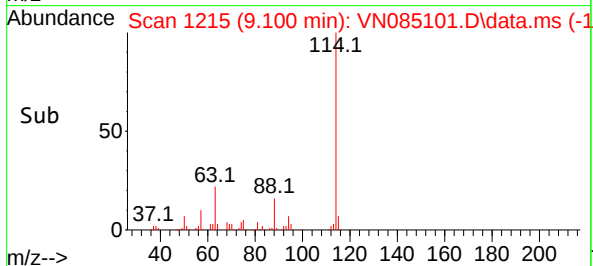
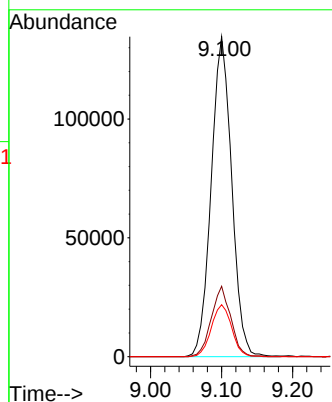
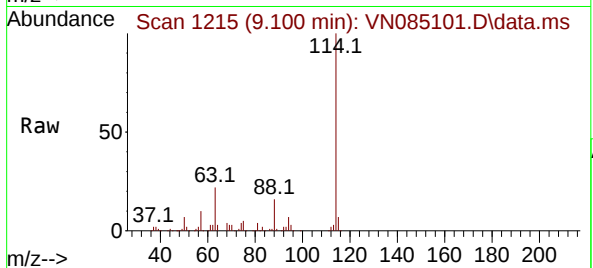
Tgt Ion:114 Resp: 269634

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.0

88 16.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.713 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085101.D

Acq: 04 Dec 2024 18:01

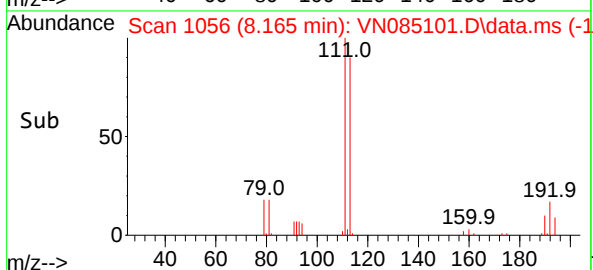
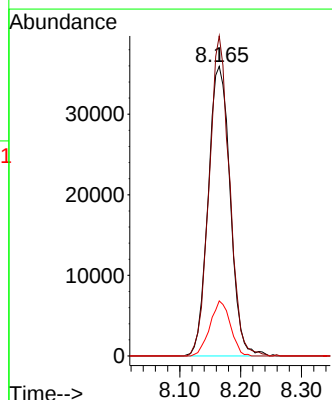
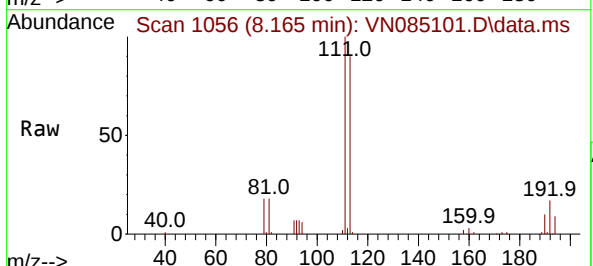
Tgt Ion:113 Resp: 90394

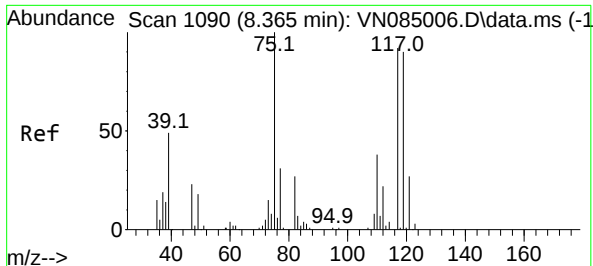
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 17.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.094 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085101.D

Acq: 04 Dec 2024 18:01

Instrument :

MSVOA_N

ClientSampleId :

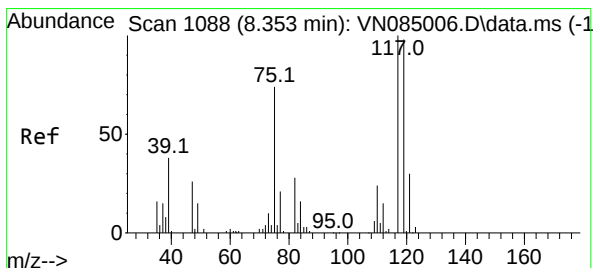
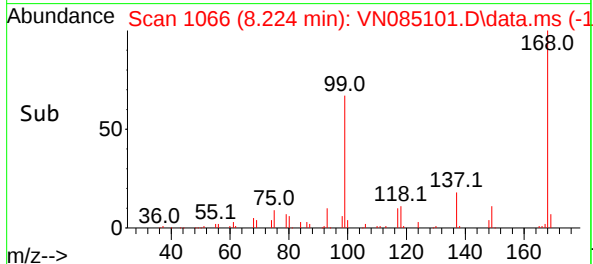
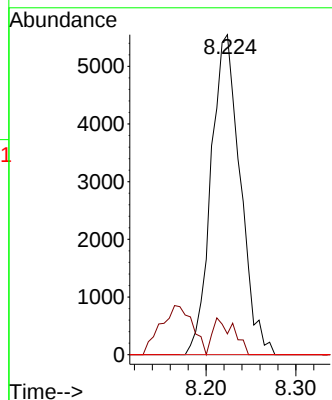
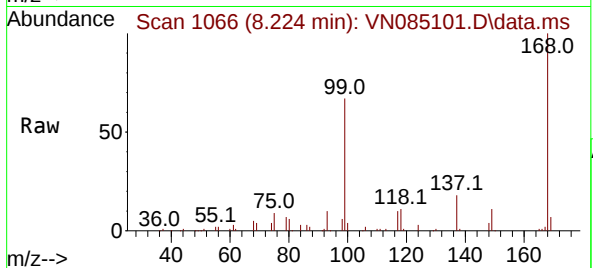
Tgt Ion: 75 Resp: 12546

Ion Ratio Lower Upper

75 100

110 8.3 17.2 51.6#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.526 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.135 min

Lab File: VN085101.D

Acq: 04 Dec 2024 18:01

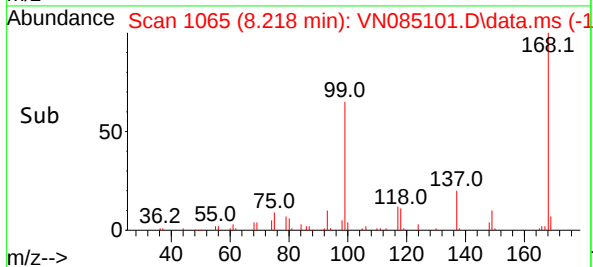
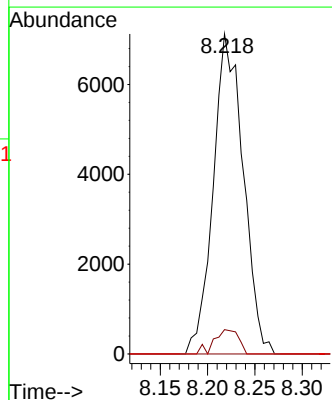
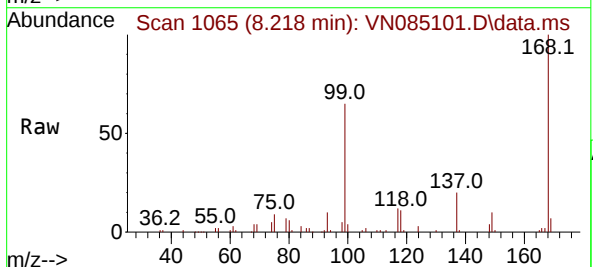
Tgt Ion: 117 Resp: 15709

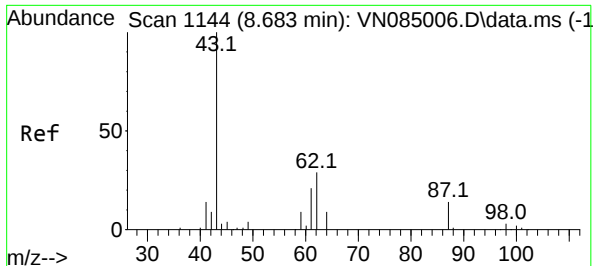
Ion Ratio Lower Upper

117 100

119 7.6 78.6 117.8#

121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 1.493 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.012 min

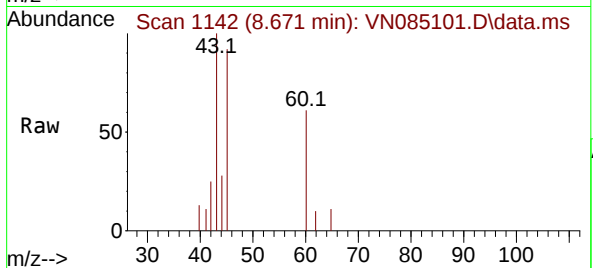
Lab File: VN085101.D

Acq: 04 Dec 2024 18:01

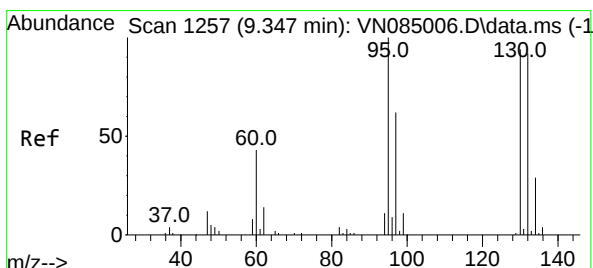
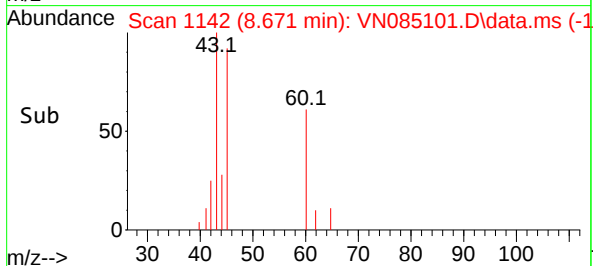
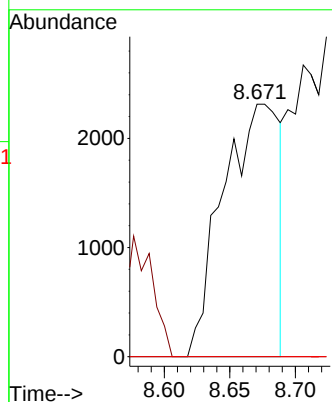
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 6942
Ion Ratio	Lower Upper
43 100	
61 0.0	20.6 30.8#
87 0.0	11.0 16.4#



#44

Trichloroethene

Concen: 0.761 ug/l

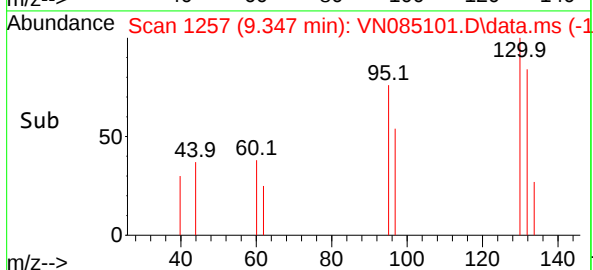
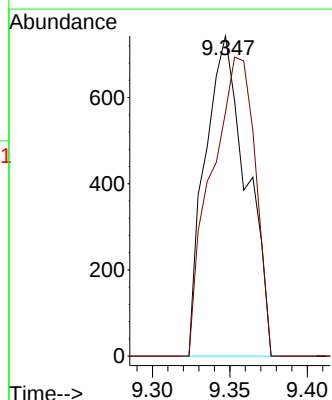
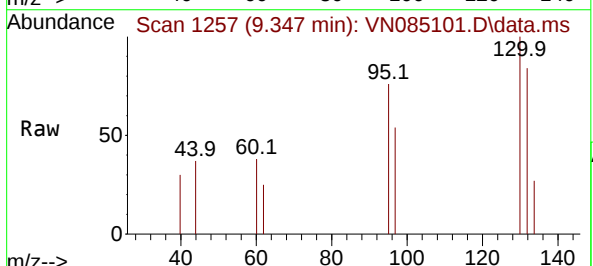
RT: 9.347 min Scan# 1257

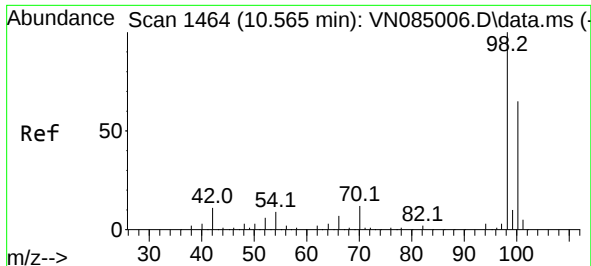
Delta R.T. -0.000 min

Lab File: VN085101.D

Acq: 04 Dec 2024 18:01

Tgt Ion:130	Resp:	1378	
Ion	Ratio	Lower	Upper
130	100		
95	76.2	0.0	213.4

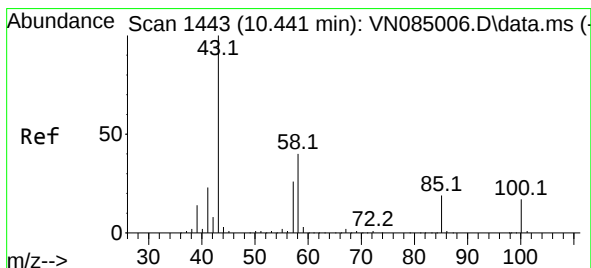
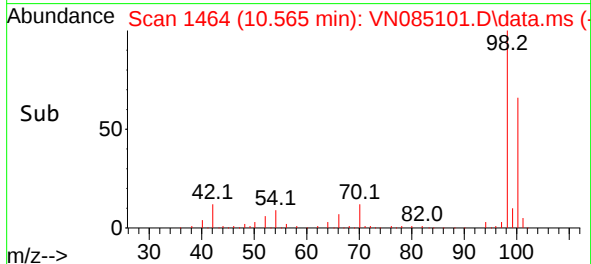
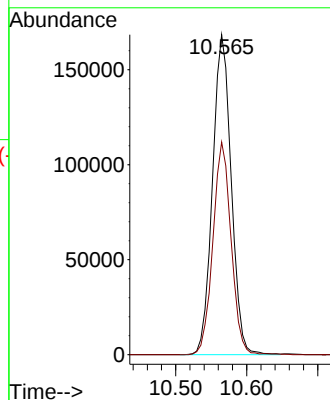
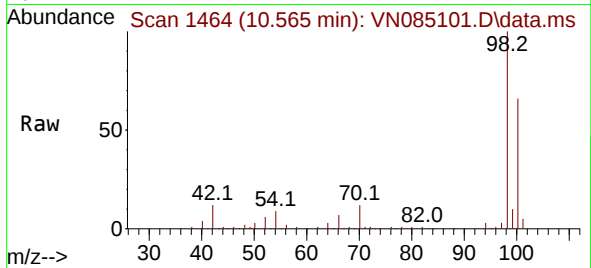




#50
Toluene-d8
Concen: 47.147 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

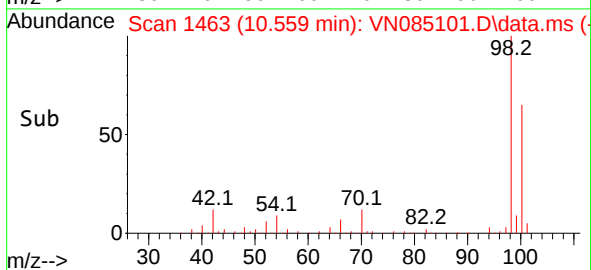
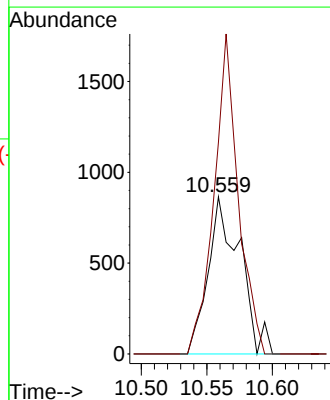
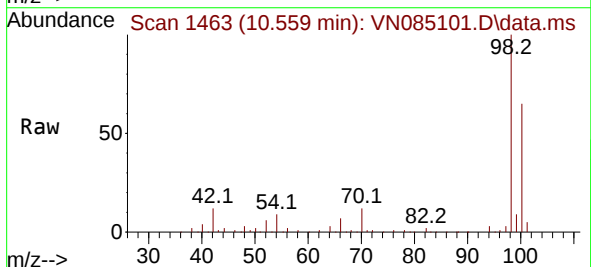
Instrument :
MSVOA_N
ClientSampleId :

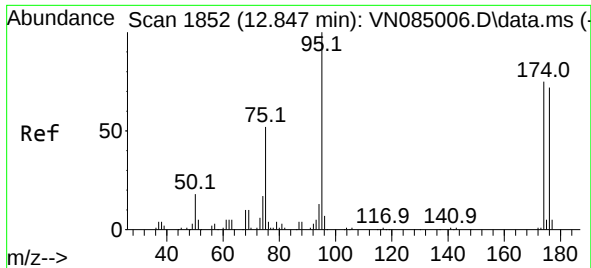
Tgt Ion: 98 Resp: 307227
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.687 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 155.4 32.1 48.1#

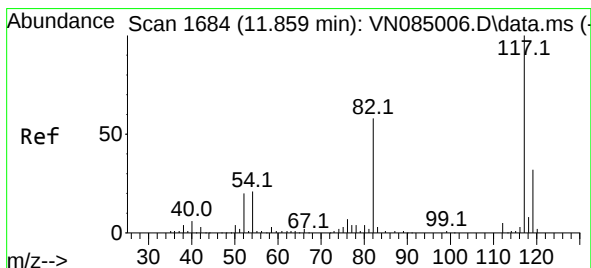
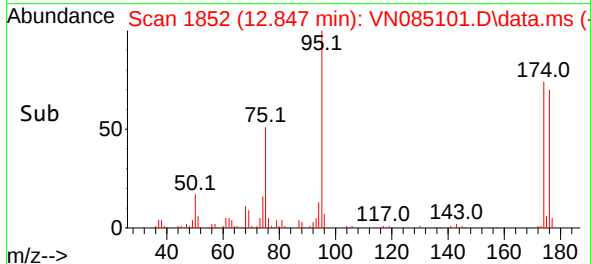
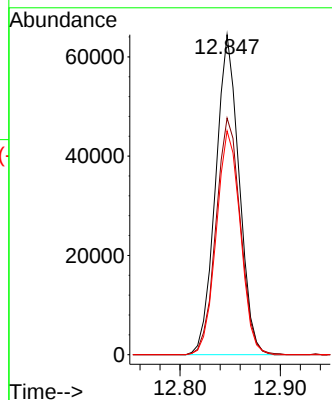
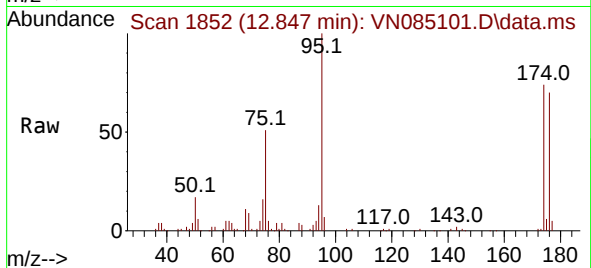




#62
4-Bromofluorobenzene
Concen: 43.109 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

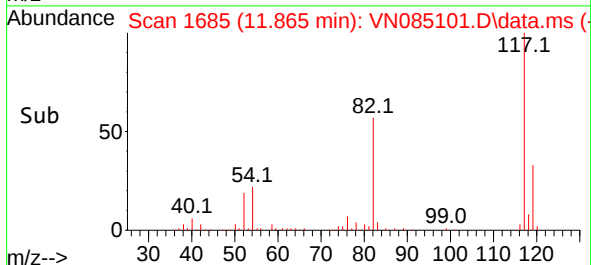
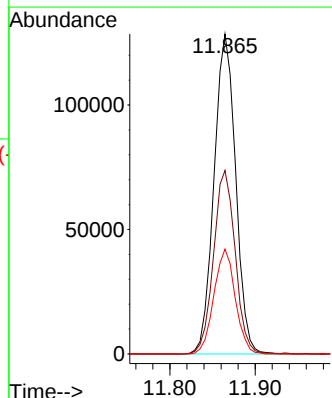
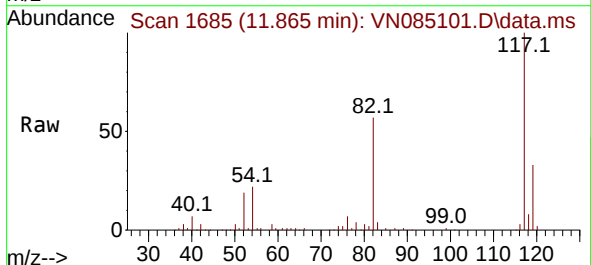
Instrument :
MSVOA_N
ClientSampleId :

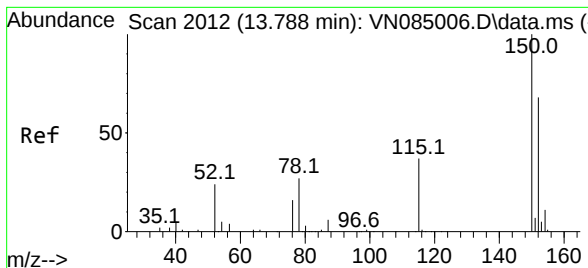
Tgt Ion: 95 Resp: 105053
Ion Ratio Lower Upper
95 100
174 77.1 0.0 146.6
176 71.5 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

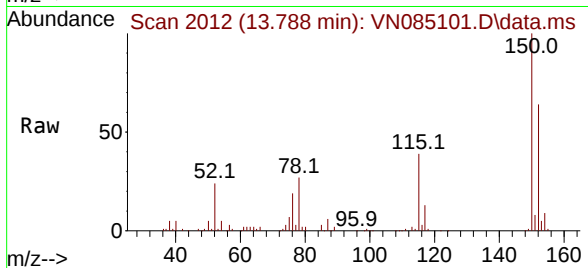
Tgt Ion: 117 Resp: 226427
Ion Ratio Lower Upper
117 100
82 57.4 46.0 69.0
119 32.8 25.6 38.4



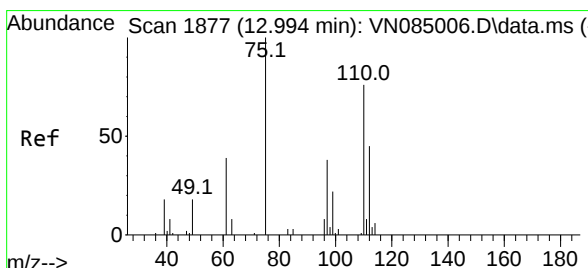
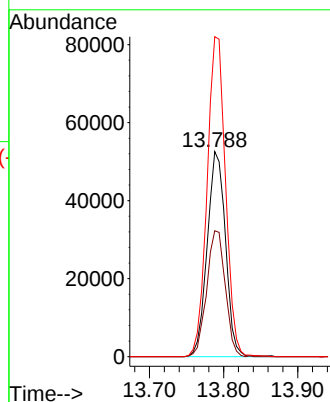
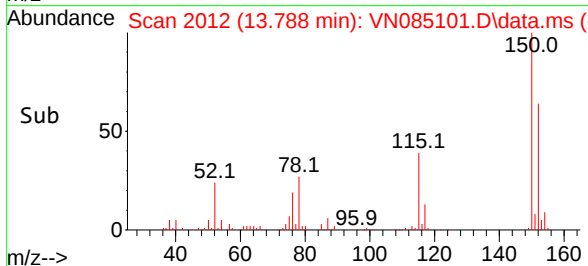


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

Instrument :
MSVOA_N
ClientSampleId :

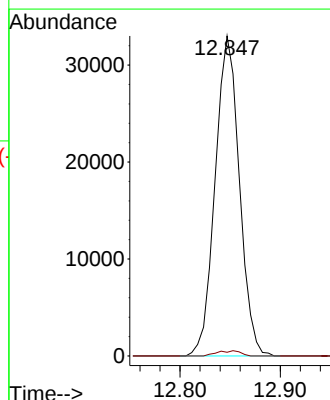
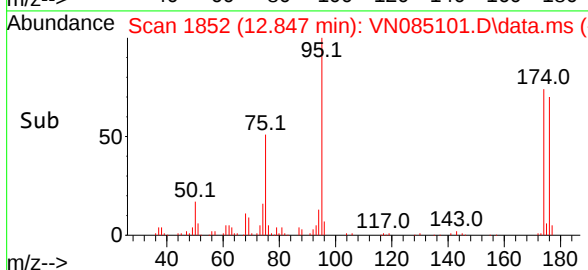
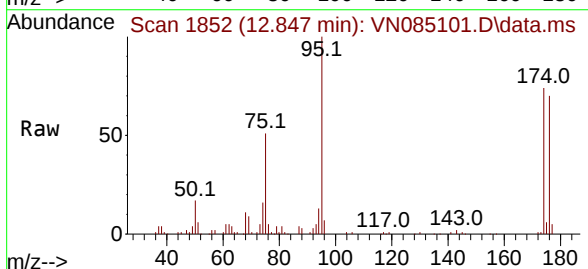


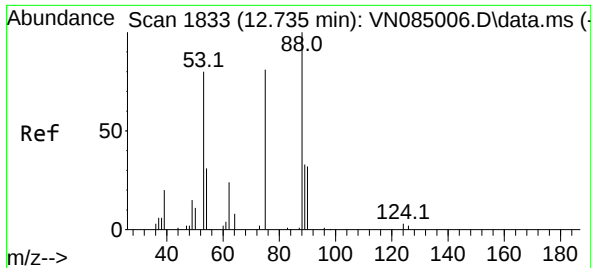
Tgt Ion:152 Resp: 90203
Ion Ratio Lower Upper
152 100
115 62.3 31.7 95.1
150 156.9 0.0 351.4



#76
1,2,3-Trichloropropane
Concen: 33.751 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

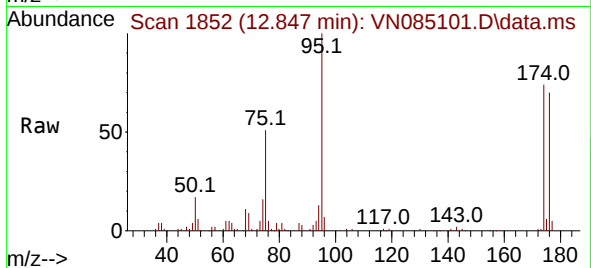
Tgt Ion: 75 Resp: 55376
Ion Ratio Lower Upper
75 100
77 1.6 109.1 327.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.508 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085101.D
Acq: 04 Dec 2024 18:01

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 55376
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

