

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085729.D
 Acq On : 10 Feb 2025 17:23
 Operator : JC\MD
 Sample : Q1328-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 11 03:26:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

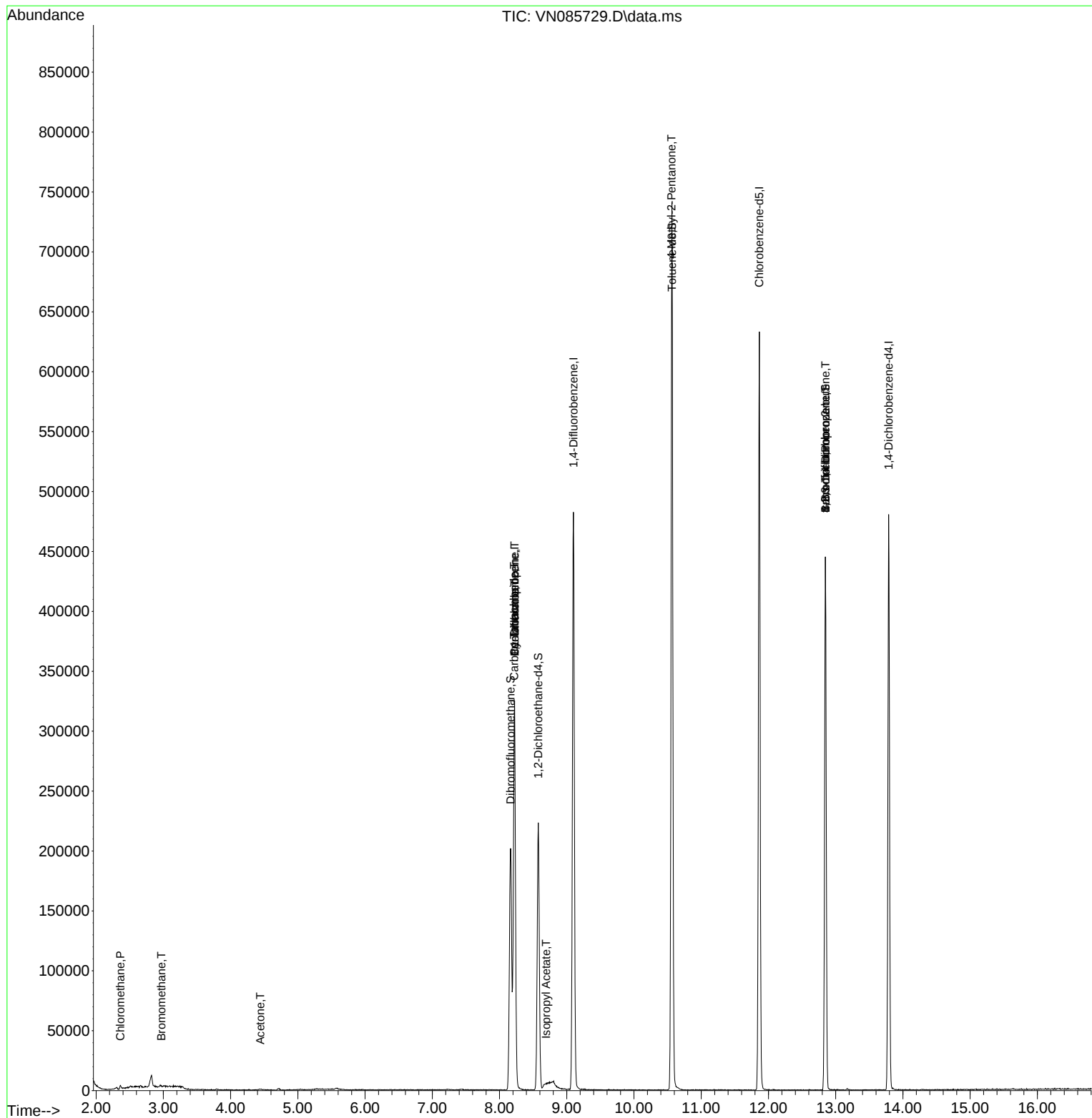
Internal Standards						
1) Pentafluorobenzene	8.224	168	225145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	182740	50.282	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.560%	
35) Dibromofluoromethane	8.165	113	149101	51.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.480%	
50) Toluene-d8	10.565	98	504451	49.266	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	12.847	95	153520	43.830	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2133	0.646	ug/l #	82
5) Bromomethane	2.971	94	669	0.334	ug/l #	80
16) Acetone	4.441	43	1012	0.862	ug/l #	45
31) Cyclohexane	8.224	56	5252	1.139	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	19620	4.851	ug/l #	48
38) Carbon Tetrachloride	8.218	117	24357	5.260	ug/l #	18
43) Isopropyl Acetate	8.694	43	5390	0.824	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	2145	0.565	ug/l #	1
71) Bromoform	12.847	173	1209	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	80050	29.633	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80050	80.175	ug/l #	3

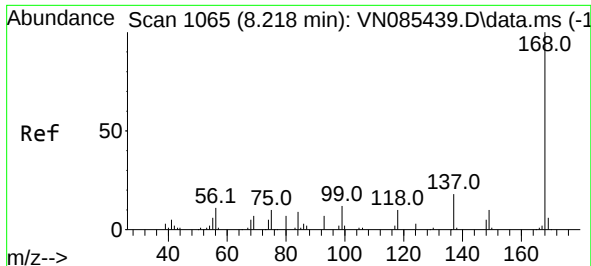
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
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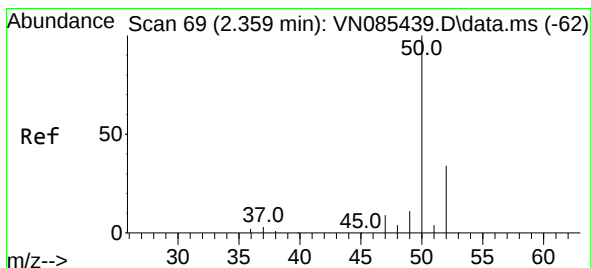
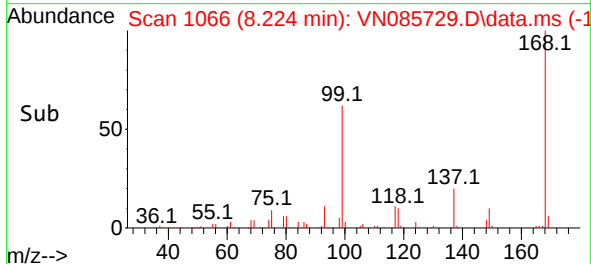
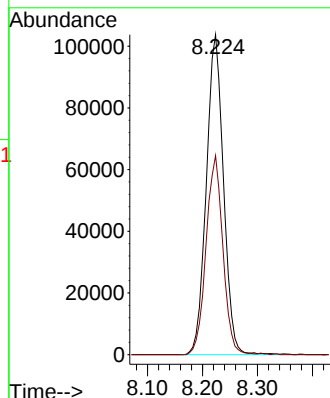
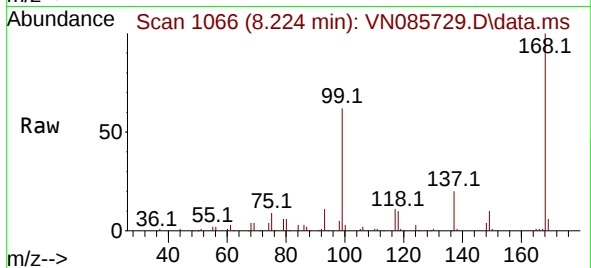




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

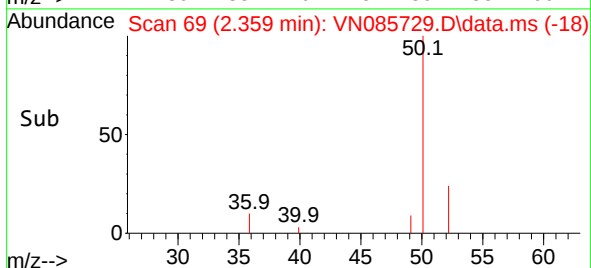
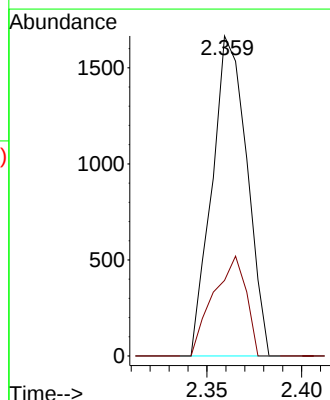
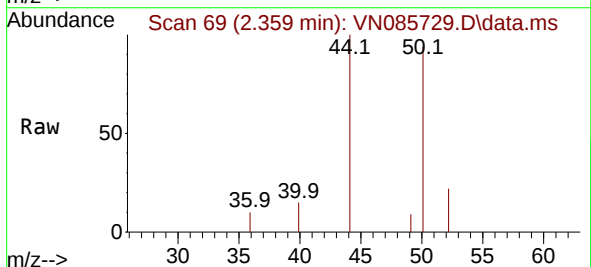
Instrument :
MSVOA_N
ClientSampleId :

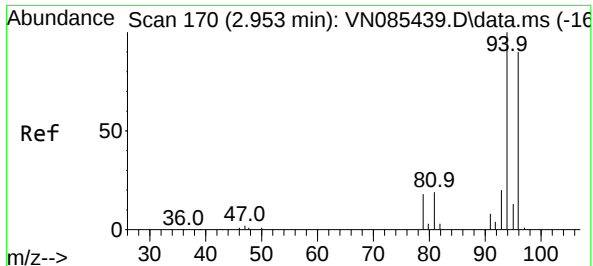
Tgt Ion:168 Resp: 225145
Ion Ratio Lower Upper
168 100
99 62.2 53.6 80.4



#3
Chloromethane
Concen: 0.646 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

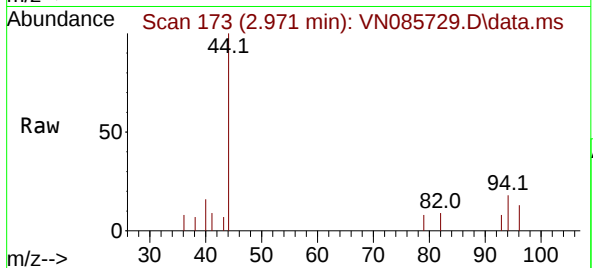
Tgt Ion: 50 Resp: 2133
Ion Ratio Lower Upper
50 100
52 23.6 27.0 40.6#



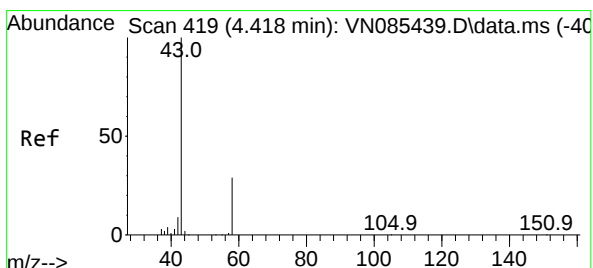
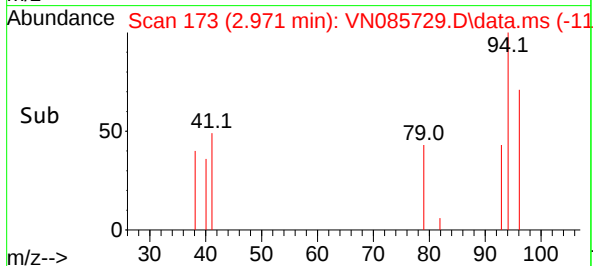
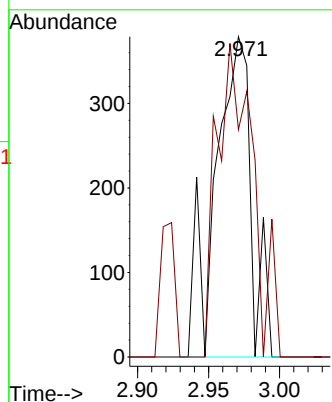


#5
Bromomethane
Concen: 0.334 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :

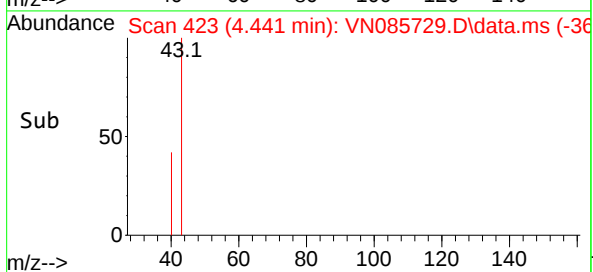
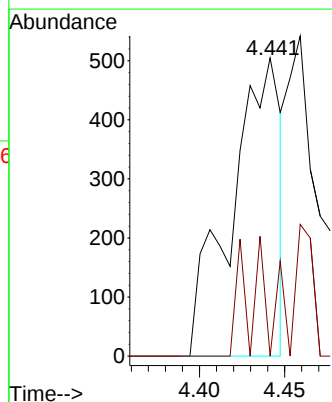
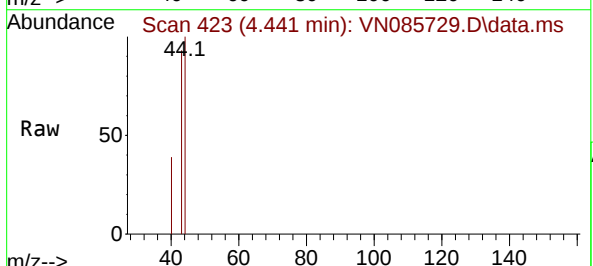


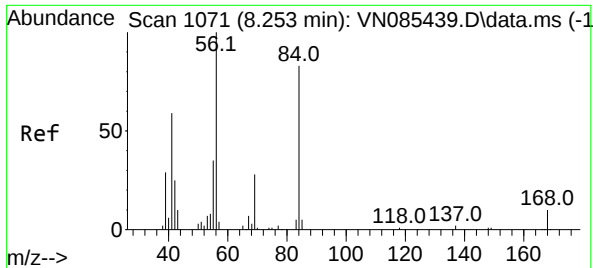
Tgt Ion: 94 Resp: 669
Ion Ratio Lower Upper
94 100
96 71.0 71.8 107.6#



#16
Acetone
Concen: 0.862 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.023 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

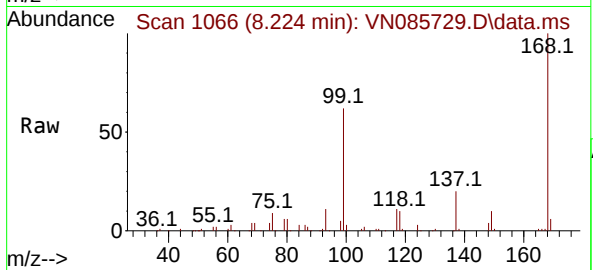
Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



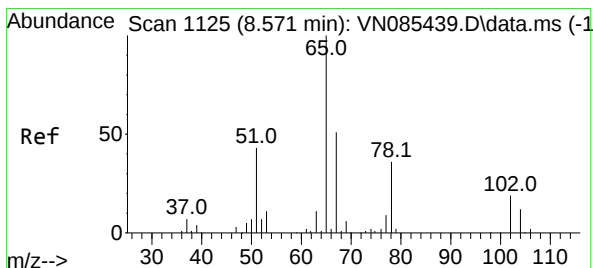
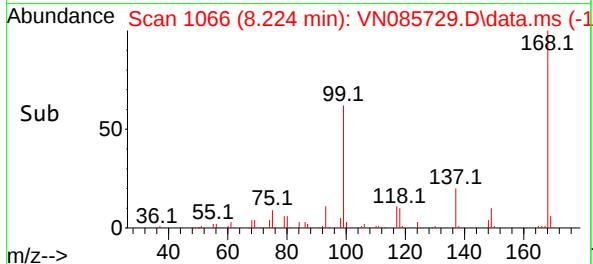
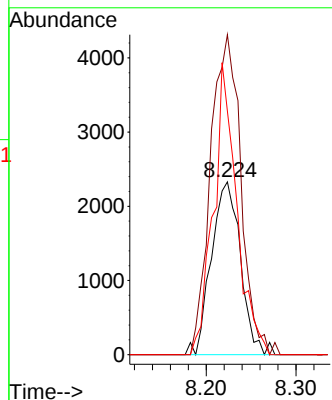


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :

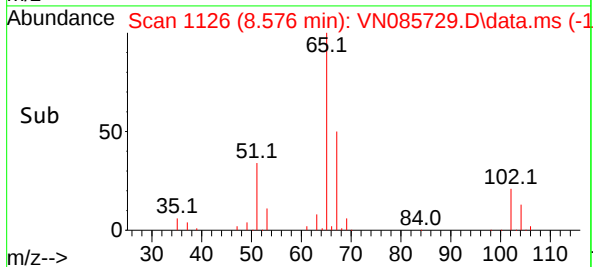
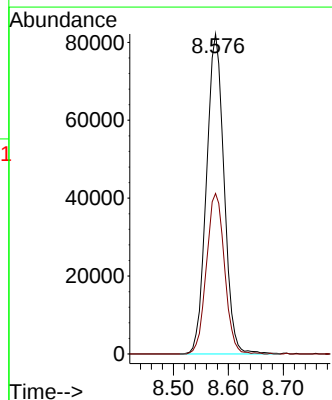
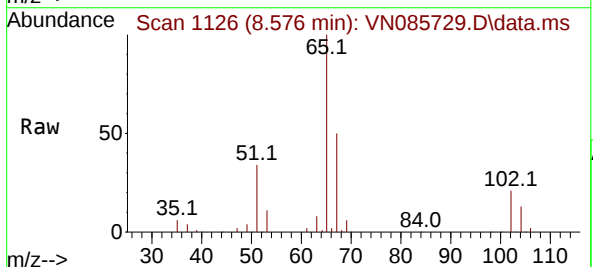


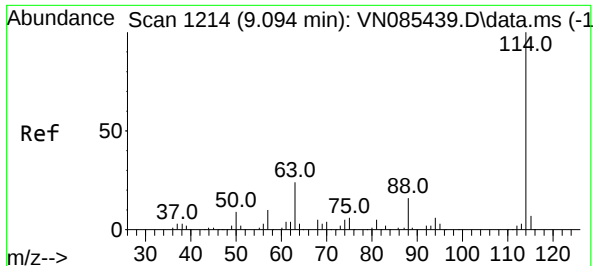
Tgt Ion: 56 Resp: 5252
Ion Ratio Lower Upper
56 100
69 185.1 22.2 33.4#
84 140.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 50.282 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

Tgt Ion: 65 Resp: 182740
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085729.D

Acq: 10 Feb 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

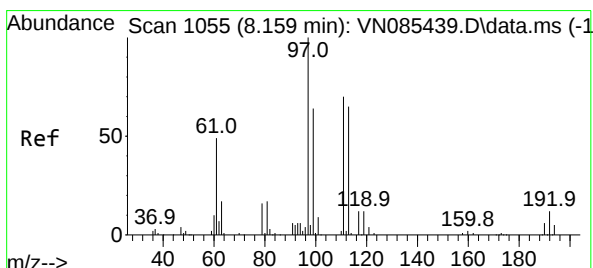
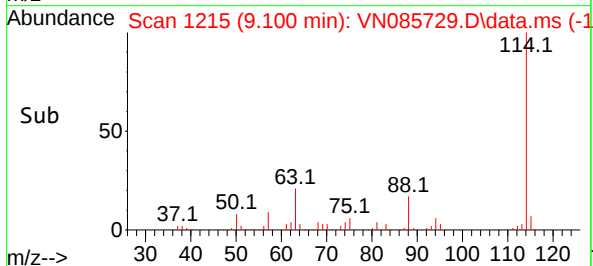
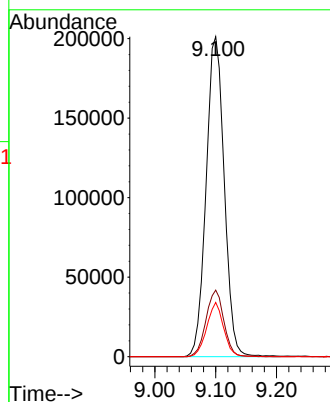
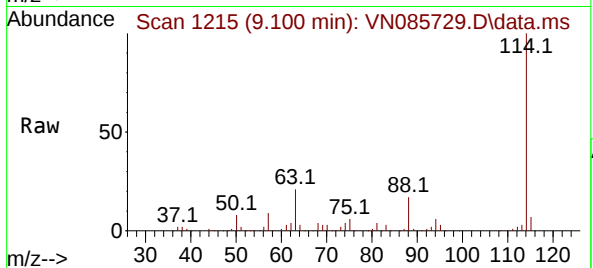
Tgt Ion:114 Resp: 415405

Ion Ratio Lower Upper

114 100

63 20.8 0.0 47.6

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.737 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085729.D

Acq: 10 Feb 2025 17:23

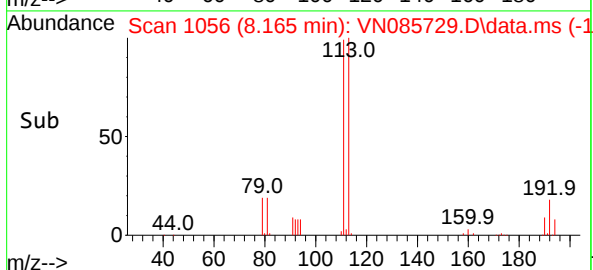
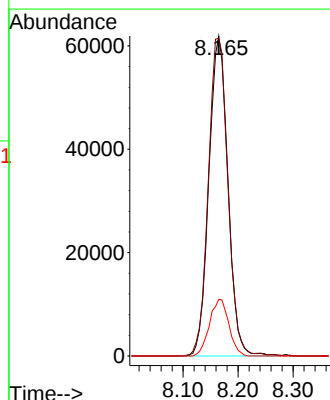
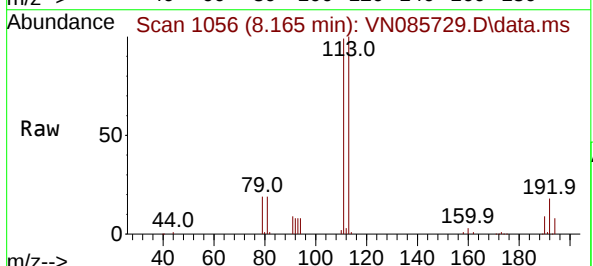
Tgt Ion:113 Resp: 149101

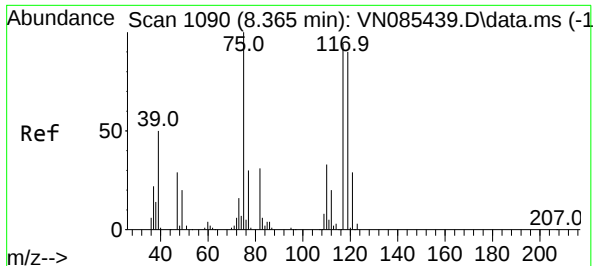
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 17.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.851 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085729.D

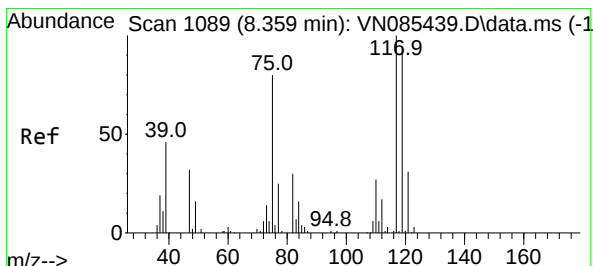
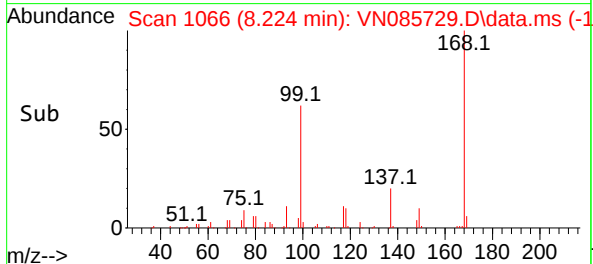
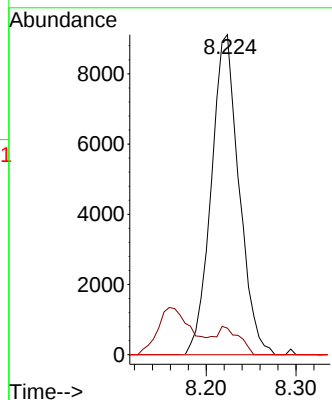
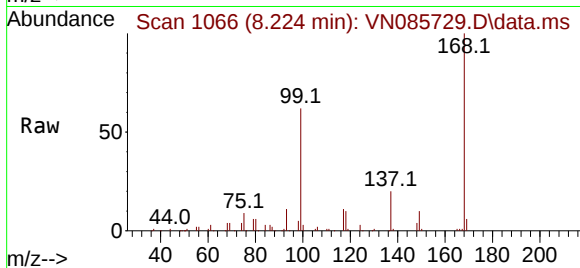
Acq: 10 Feb 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	19620
Ion	Ratio	Lower	Upper
75	100		
110	6.0	16.5	49.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.260 ug/l

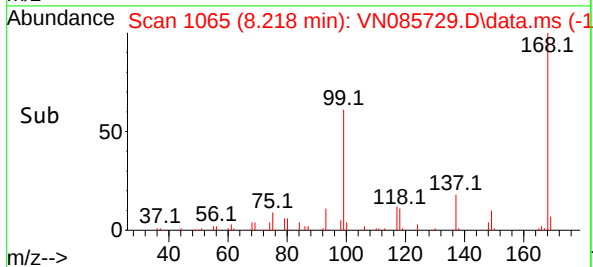
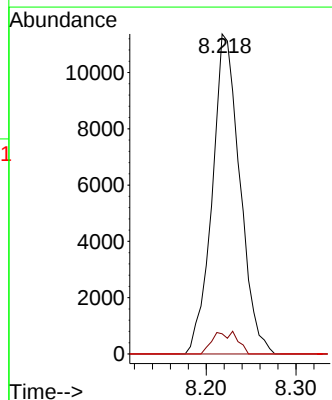
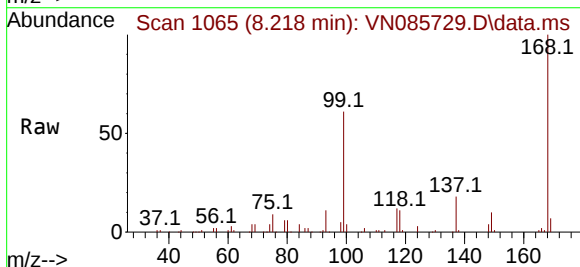
RT: 8.218 min Scan# 1065

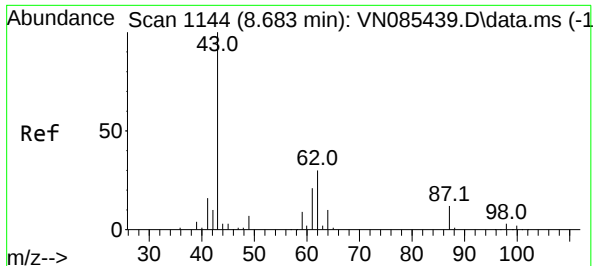
Delta R.T. -0.141 min

Lab File: VN085729.D

Acq: 10 Feb 2025 17:23

Tgt Ion:	117	Resp:	24357
Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.4	113.2#
121	0.0	24.6	37.0#

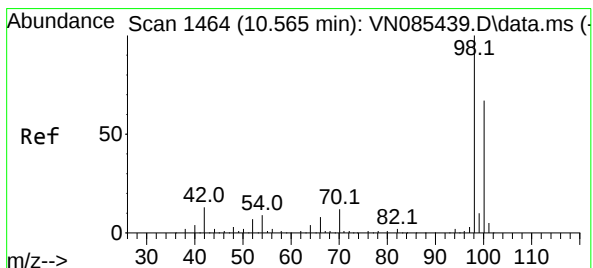
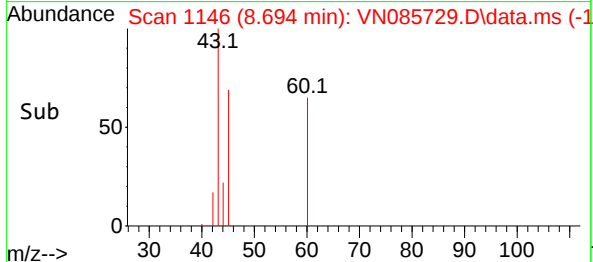
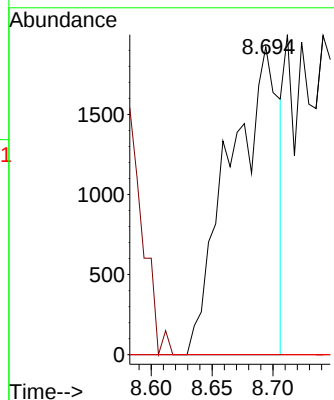
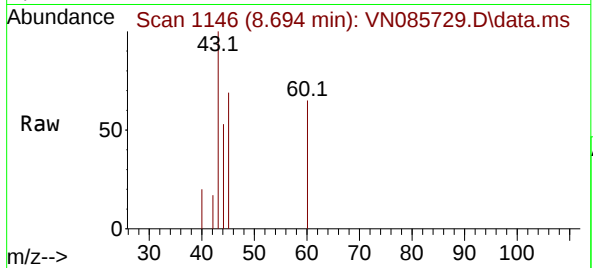




#43
Isopropyl Acetate
Concen: 0.824 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

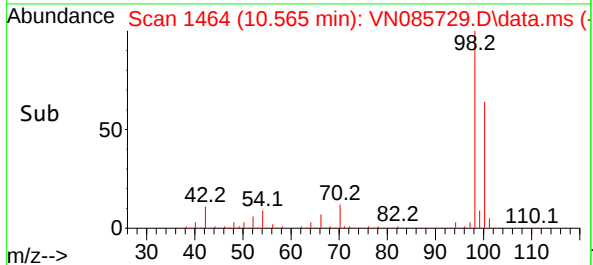
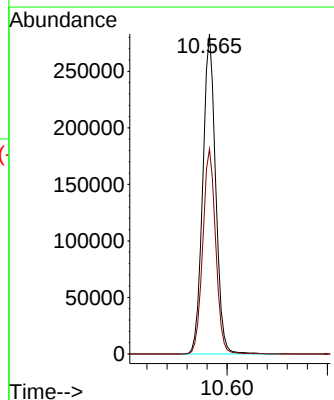
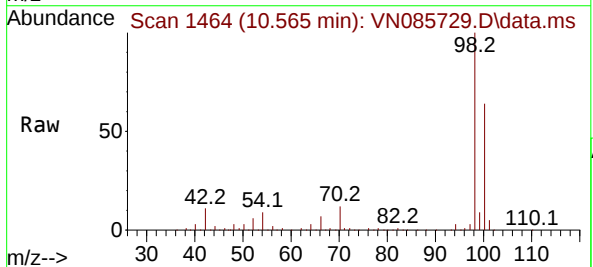
Instrument :
MSVOA_N
ClientSampleId :

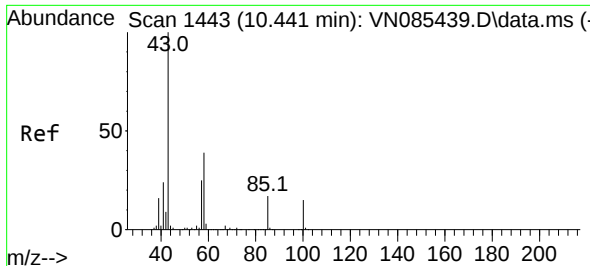
Tgt Ion: 43 Resp: 5390
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 49.266 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

Tgt Ion: 98 Resp: 504451
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4

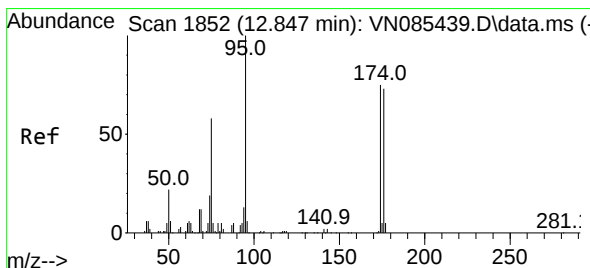
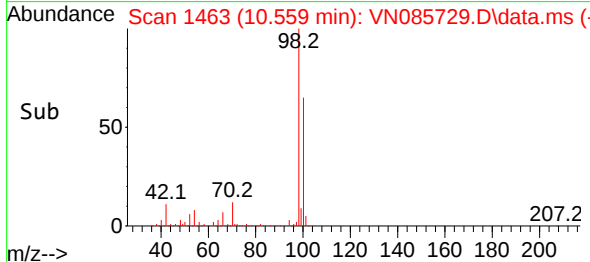
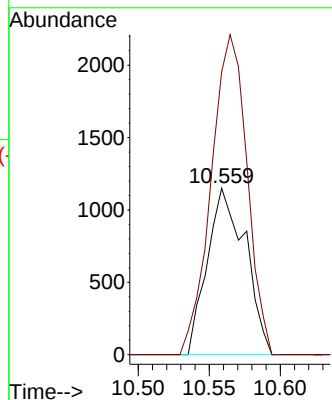
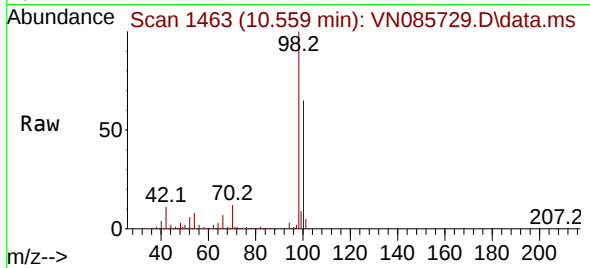




#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

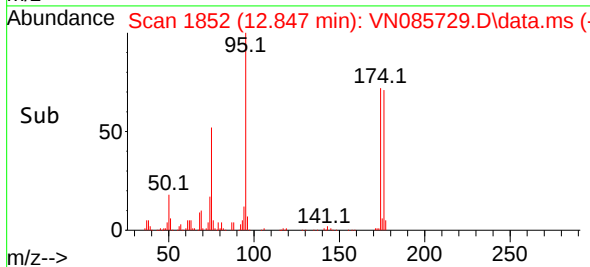
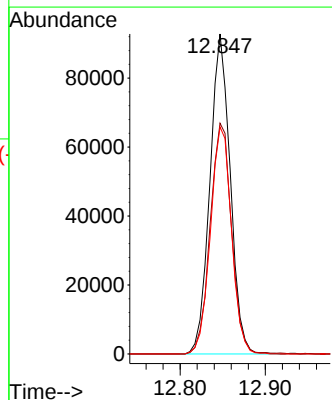
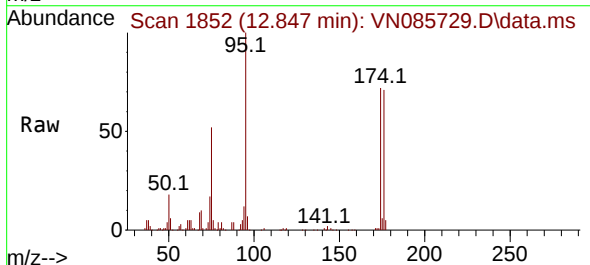
Instrument :
MSVOA_N
ClientSampleId :

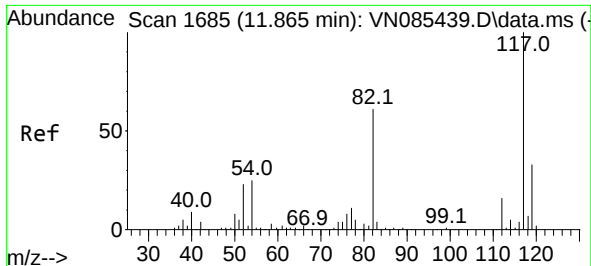
Tgt Ion: 43 Resp: 2145
Ion Ratio Lower Upper
43 100
58 181.4 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 43.830 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

Tgt Ion: 95 Resp: 153520
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.0
176 73.4 0.0 142.4

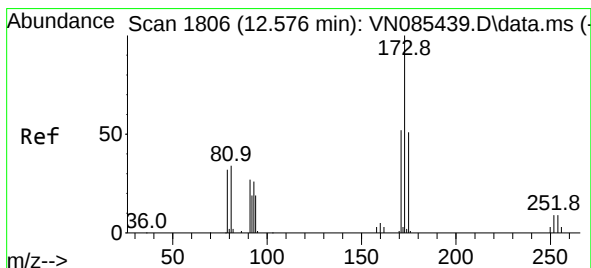
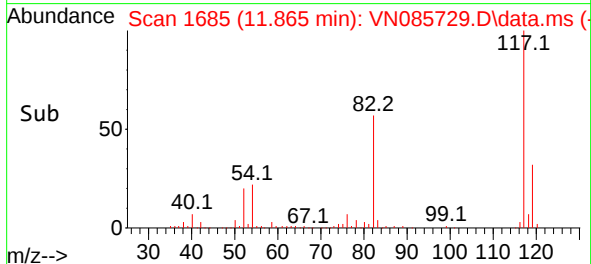
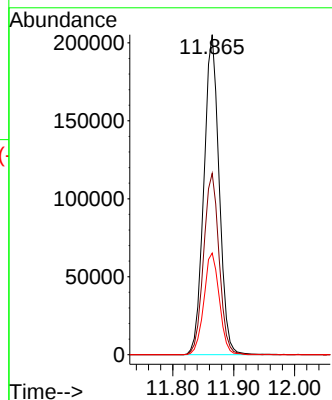
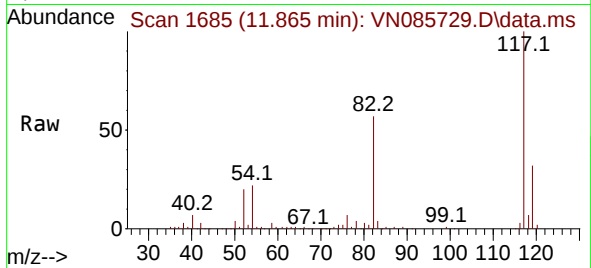




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

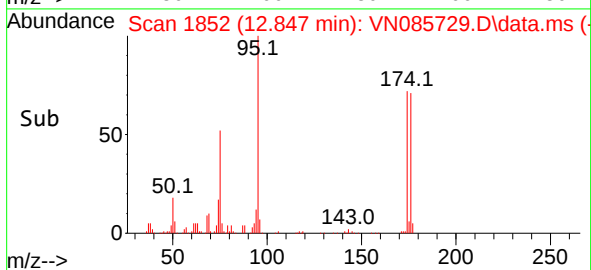
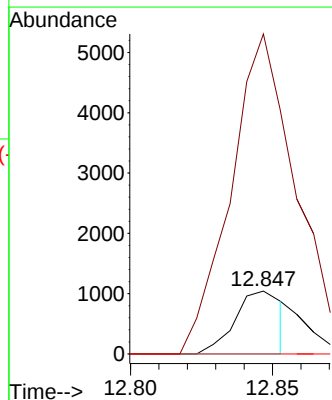
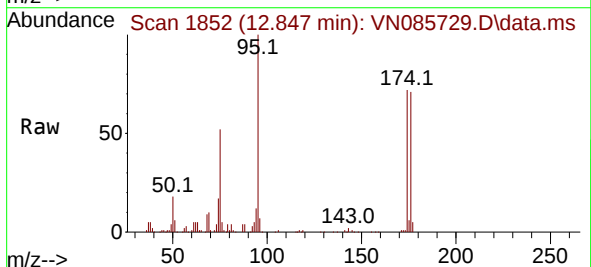
Instrument :
MSVOA_N
ClientSampleId :

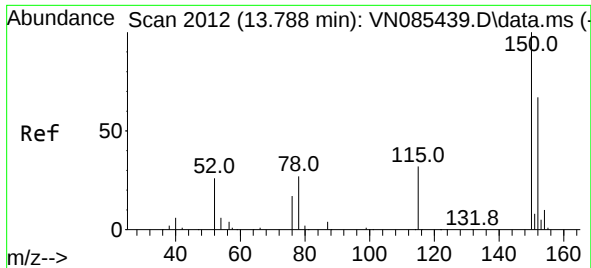
Tgt Ion:117 Resp: 357489
Ion Ratio Lower Upper
117 100
82 56.7 48.6 72.8
119 31.7 26.6 39.8



#71
Bromoform
Concen: 0.588 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

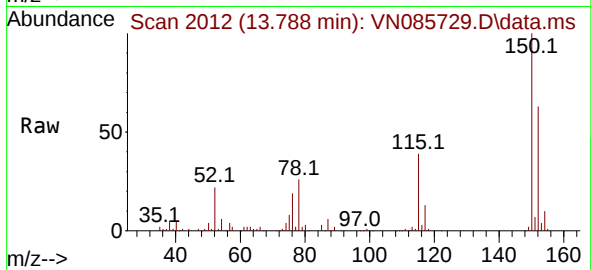
Tgt Ion:173 Resp: 1209
Ion Ratio Lower Upper
173 100
175 540.7 24.4 73.2#
254 0.0 0.0 0.0



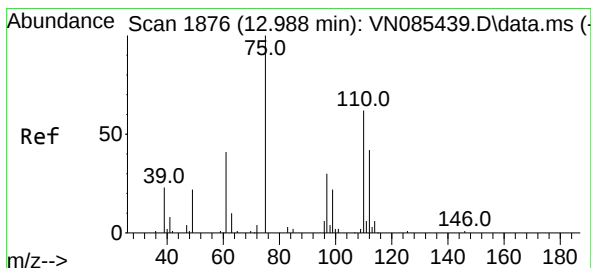
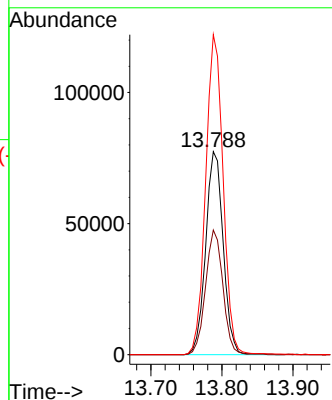
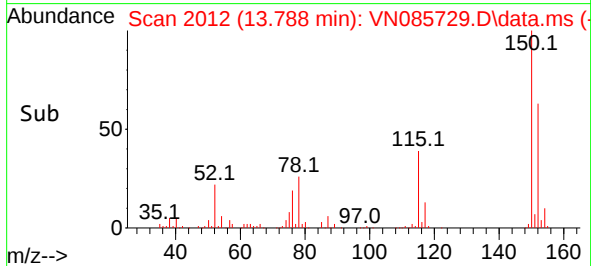


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085729.D
 Acq: 10 Feb 2025 17:23

Instrument :
 MSVOA_N
 ClientSampleId :

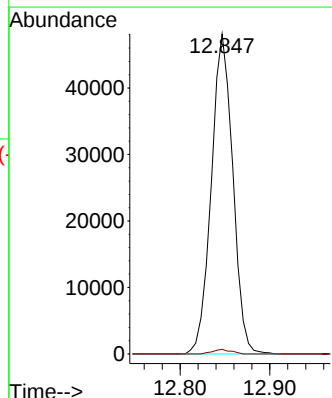
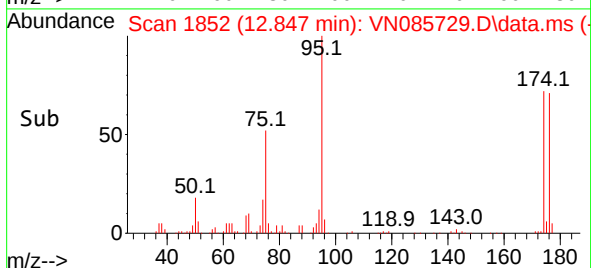
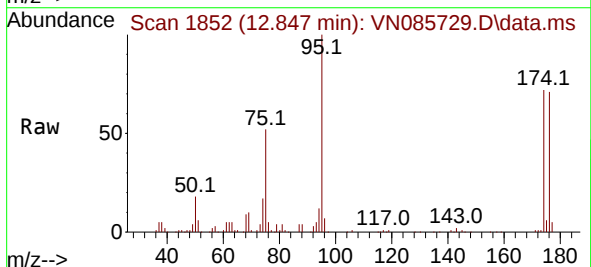


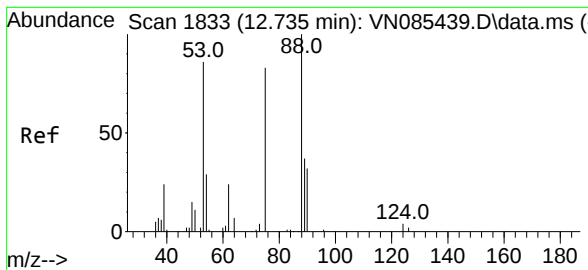
Tgt Ion:152 Resp: 132906
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 157.0 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 29.633 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085729.D
 Acq: 10 Feb 2025 17:23

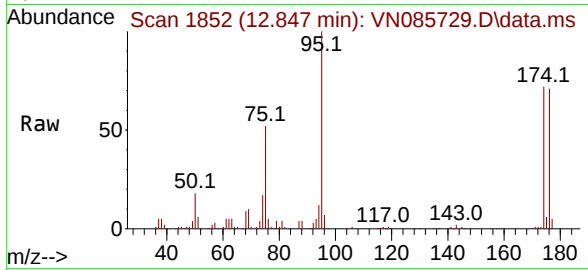
Tgt Ion: 75 Resp: 80050
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.175 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085729.D
Acq: 10 Feb 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 80050
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#

