

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085472.D
 Acq On : 16 Jan 2025 16:09
 Operator : JC\MD
 Sample : Q1060-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 01:06:22 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)

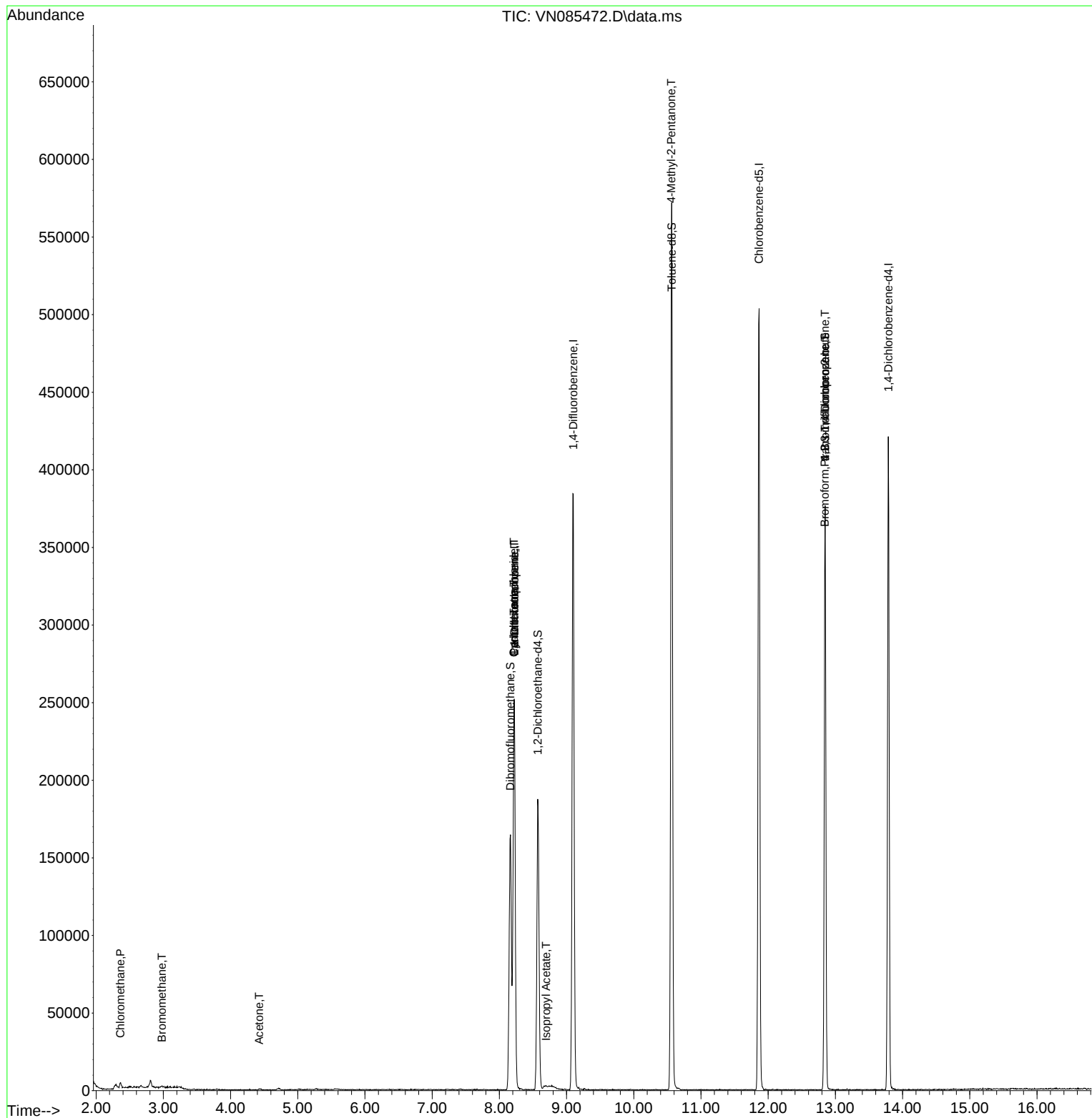
Internal Standards						
1) Pentafluorobenzene	8.224	168	172299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	156211	56.166	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.340%			
35) Dibromofluoromethane	8.165	113	116148	52.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.520%			
50) Toluene-d8	10.565	98	385837	49.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.847	95	123989	46.341	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.680%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	2804	1.110	ug/l #	87
5) Bromomethane	2.977	94	552	0.360	ug/l	86
16) Acetone	4.424	43	473	0.526	ug/l #	77
31) Cyclohexane	8.218	56	5139	1.456	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	16034	5.190	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19445	5.497	ug/l #	16
43) Isopropyl Acetate	8.694	43	2535	0.507	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	1693	0.584	ug/l #	1
71) Bromoform	12.841	173	1248	0.795	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68376	30.948	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68376	83.732	ug/l #	3

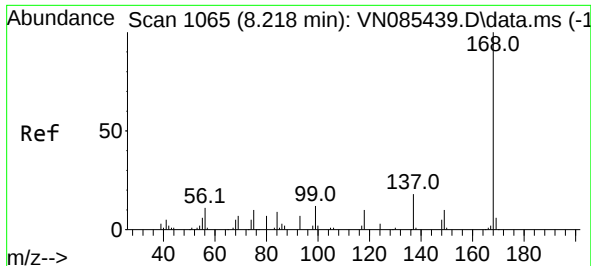
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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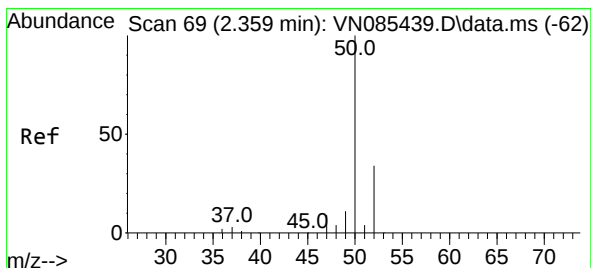
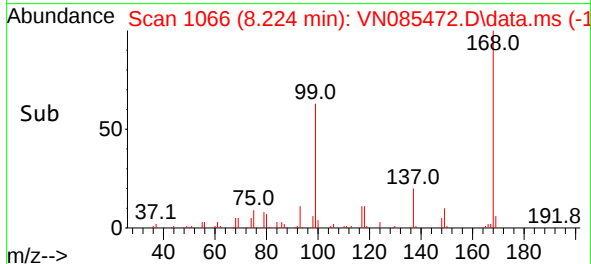
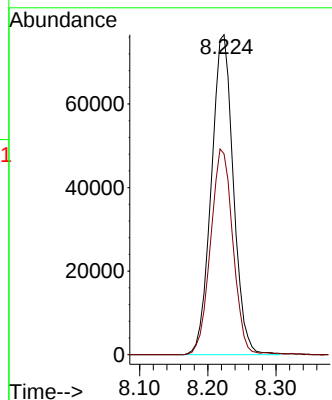
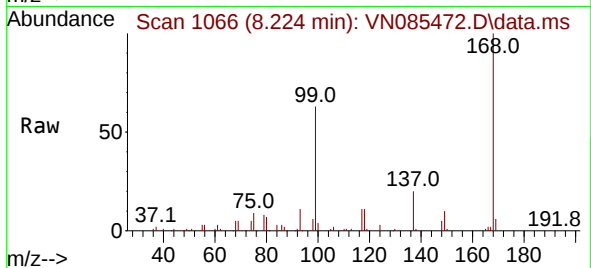




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

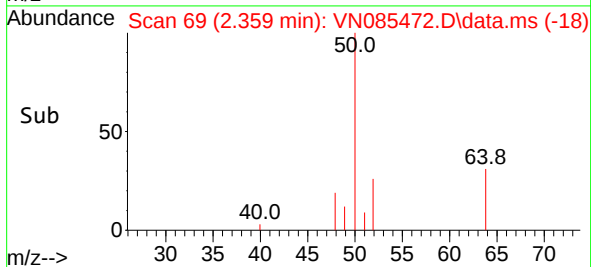
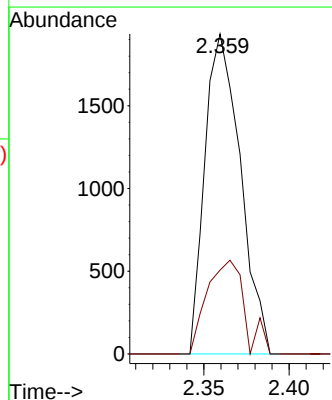
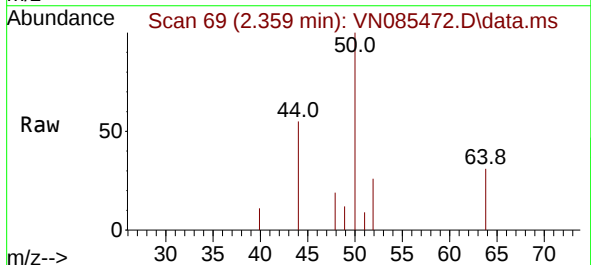
Instrument :
MSVOA_N
ClientSampleId :

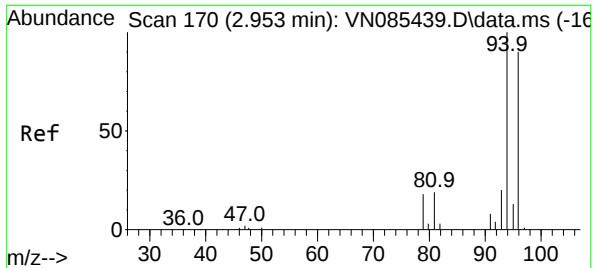
Tgt Ion:168 Resp: 172299
Ion Ratio Lower Upper
168 100
99 62.8 53.6 80.4



#3
Chloromethane
Concen: 1.110 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

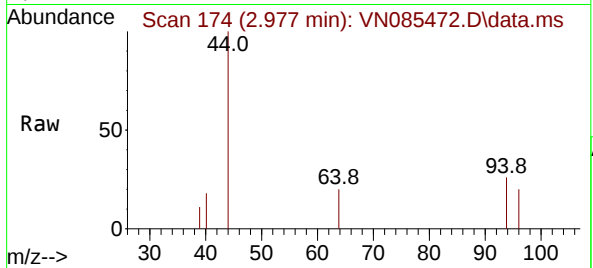
Tgt Ion: 50 Resp: 2804
Ion Ratio Lower Upper
50 100
52 26.2 27.0 40.6#



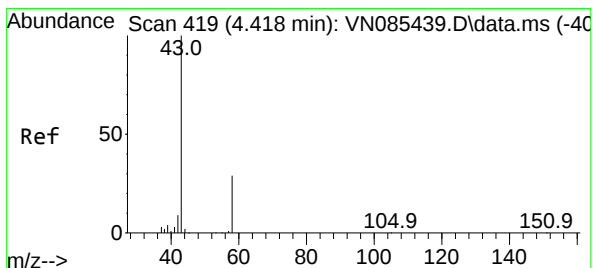
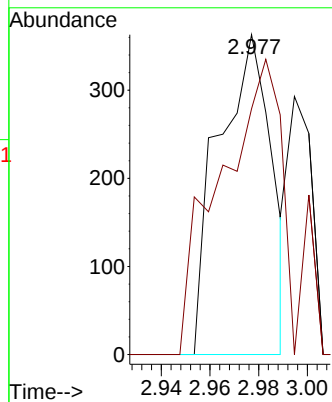
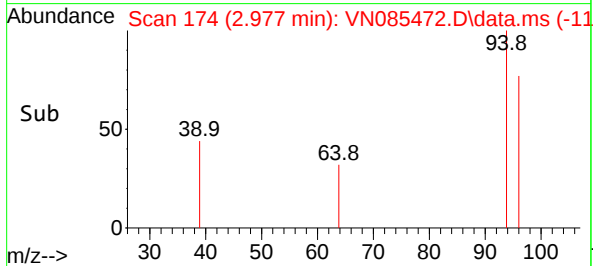


#5
Bromomethane
Concen: 0.360 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

Instrument :
MSVOA_N
ClientSampleId :

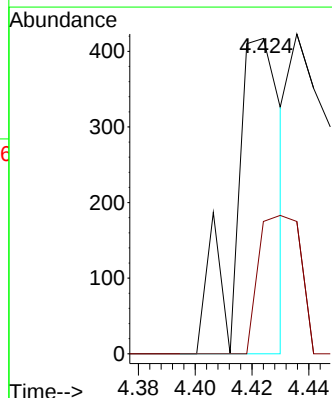
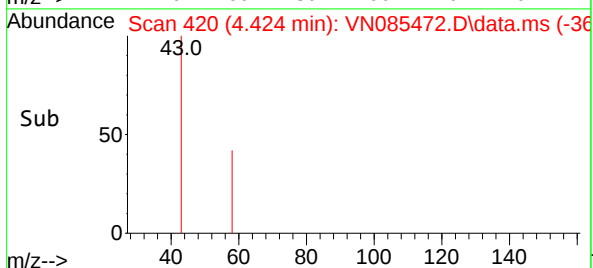
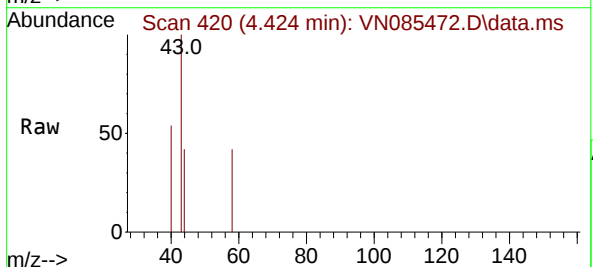


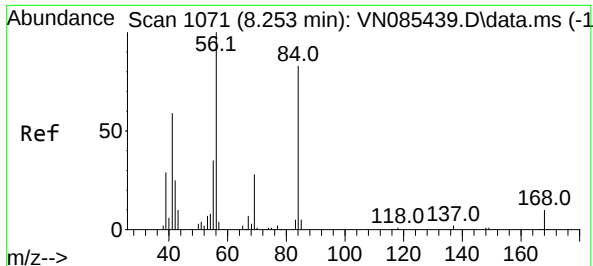
Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 76.9 71.8 107.6



#16
Acetone
Concen: 0.526 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

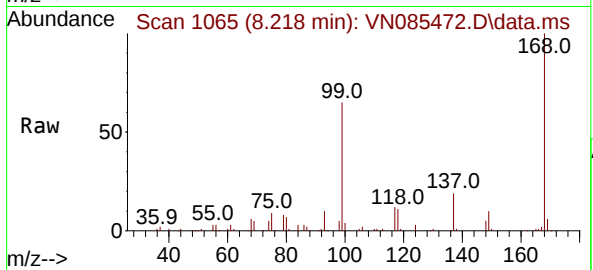
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 42.0 23.8 35.6#



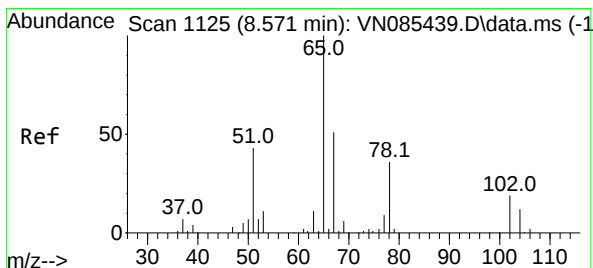
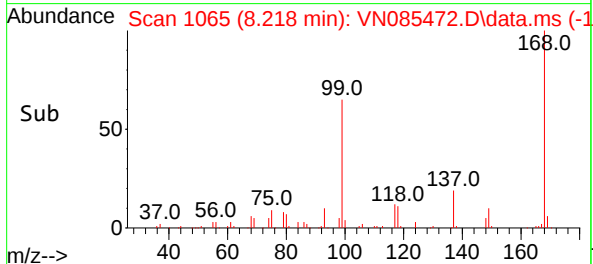
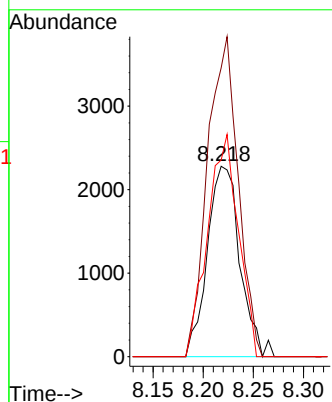


#31
Cyclohexane
Concen: 1.456 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

Instrument :
MSVOA_N
ClientSampleId :

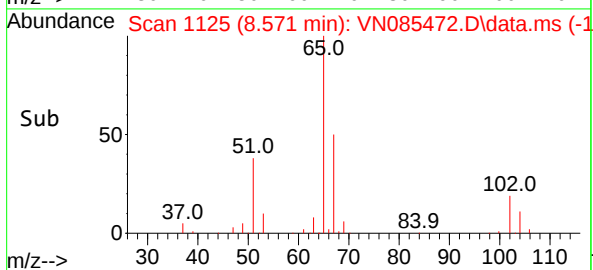
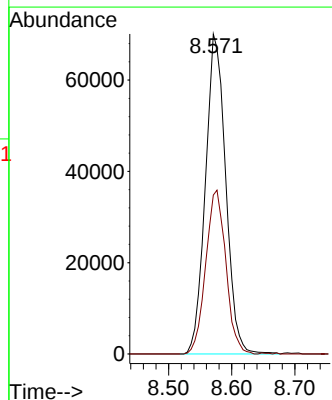
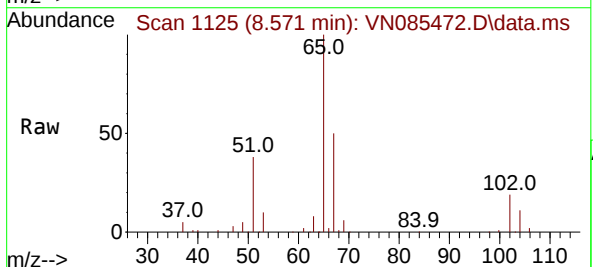


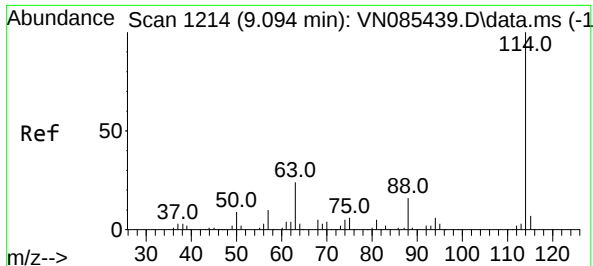
Tgt Ion: 56 Resp: 5139
Ion Ratio Lower Upper
56 100
69 151.6 22.2 33.4#
84 103.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.166 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

Tgt Ion: 65 Resp: 156211
Ion Ratio Lower Upper
65 100
67 50.8 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: VN085472.D

Acq: 16 Jan 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

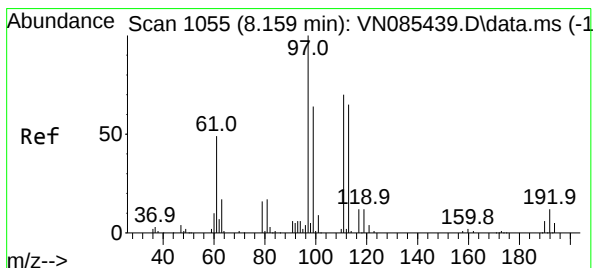
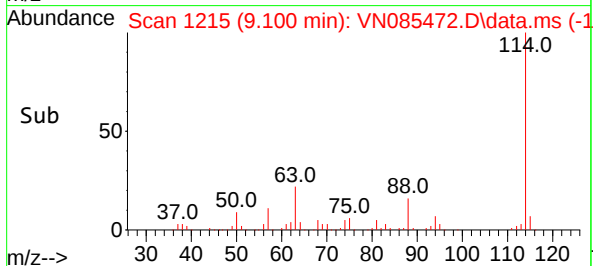
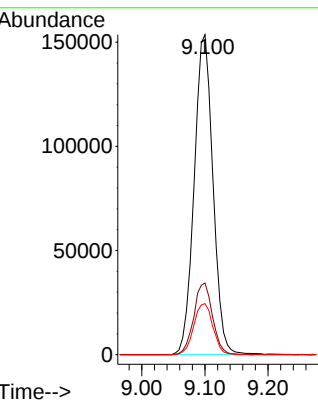
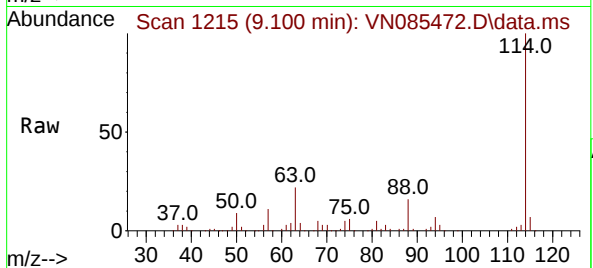
Tgt Ion:114 Resp: 317321

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.6

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.760 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085472.D

Acq: 16 Jan 2025 16:09

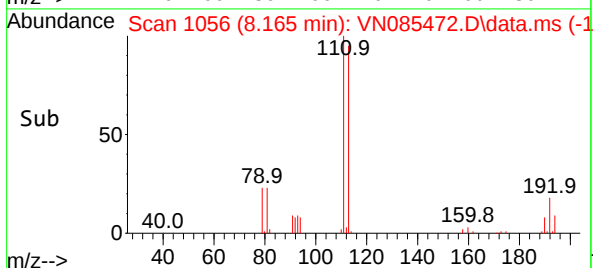
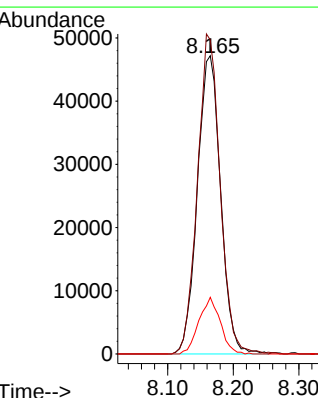
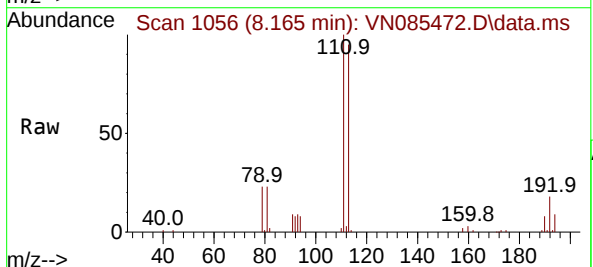
Tgt Ion:113 Resp: 116148

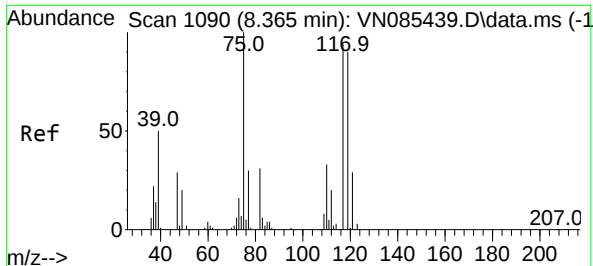
Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

192 17.5 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.190 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

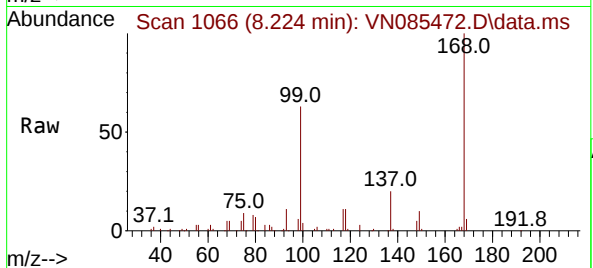
Lab File: VN085472.D

Acq: 16 Jan 2025 16:09

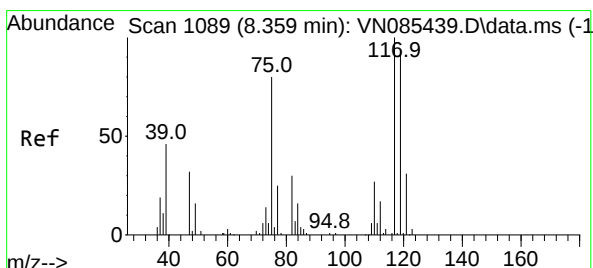
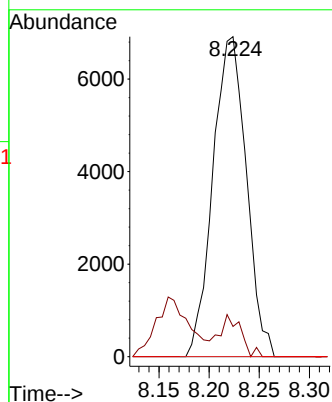
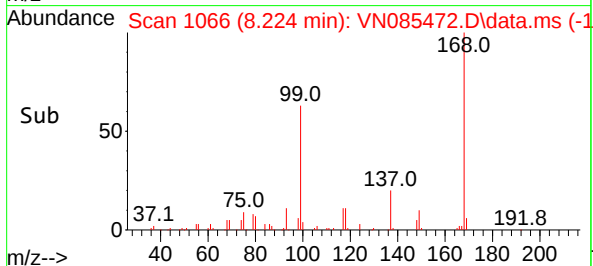
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	16034
Ion Ratio	Lower	Upper	
75	100		
110	8.3	16.5	49.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.497 ug/l

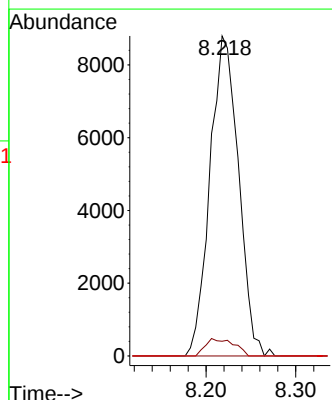
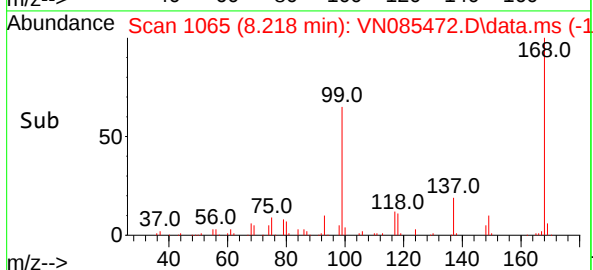
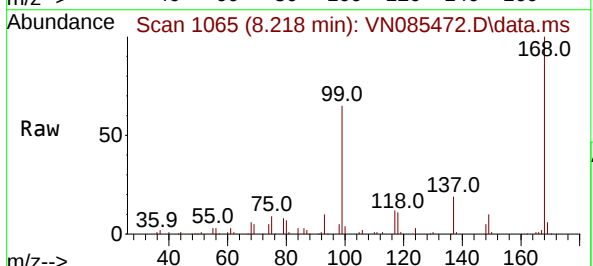
RT: 8.218 min Scan# 1065

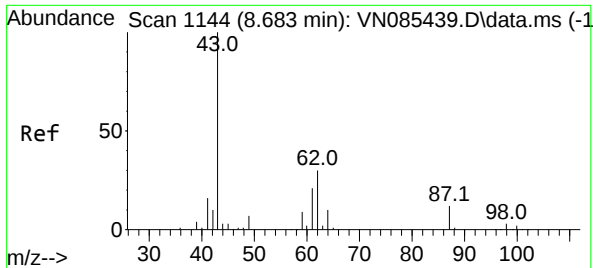
Delta R.T. -0.141 min

Lab File: VN085472.D

Acq: 16 Jan 2025 16:09

Tgt Ion:	117	Resp:	19445
Ion Ratio	Lower	Upper	
117	100		
119	4.6	75.4	113.2#
121	0.0	24.6	37.0#

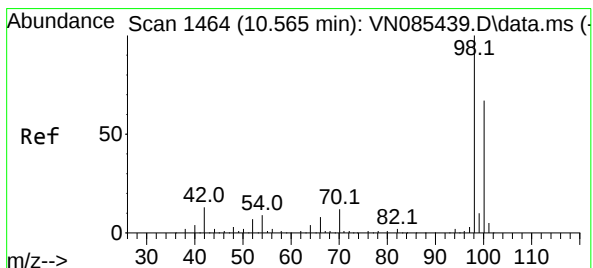
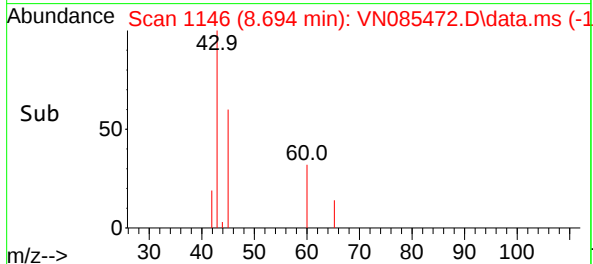
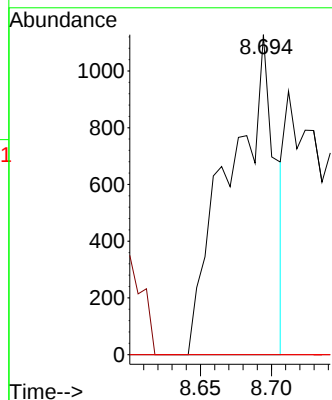
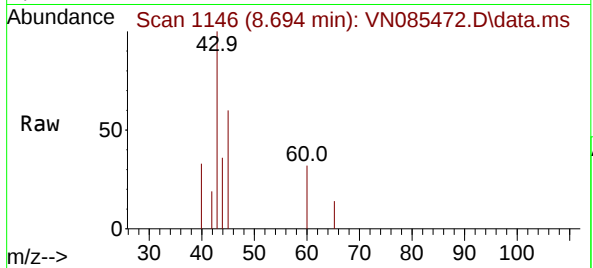




#43
Isopropyl Acetate
Concen: 0.507 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

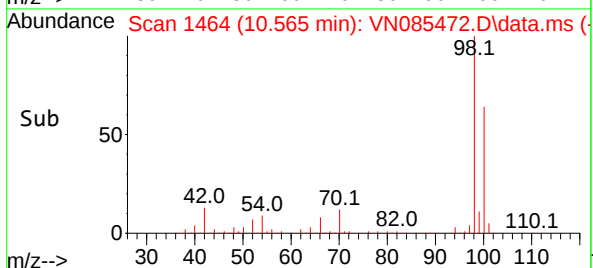
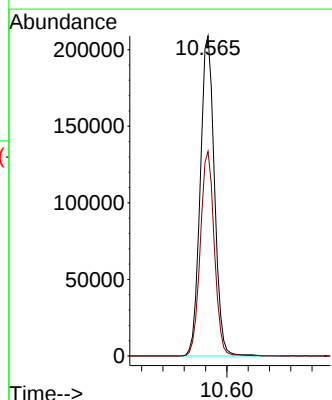
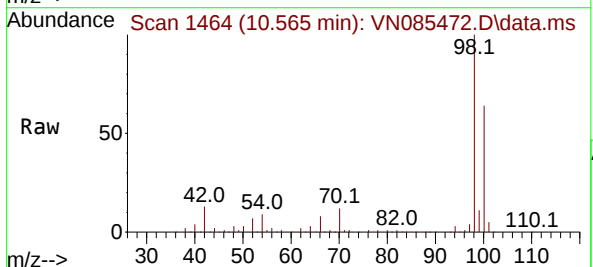
Instrument :
MSVOA_N
ClientSampleId :

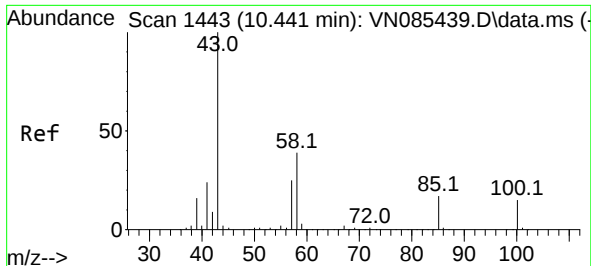
Tgt Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 49.330 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

Tgt Ion: 98 Resp: 385837
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4

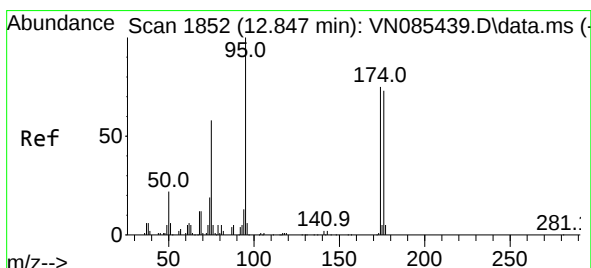
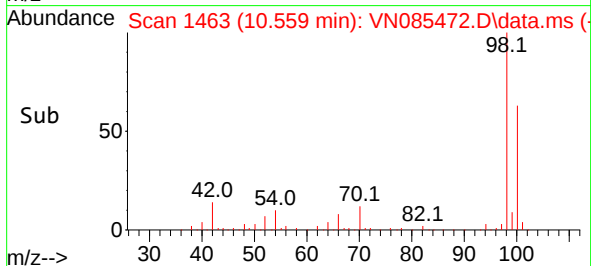
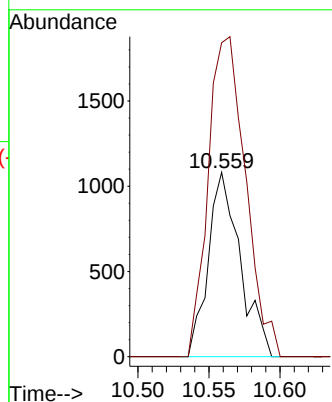
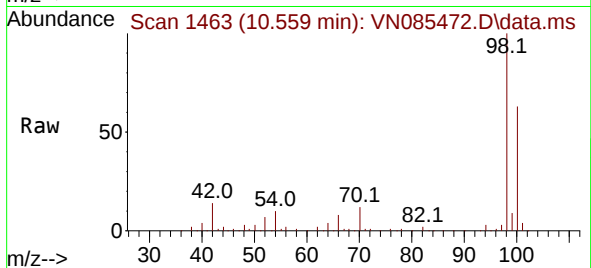




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

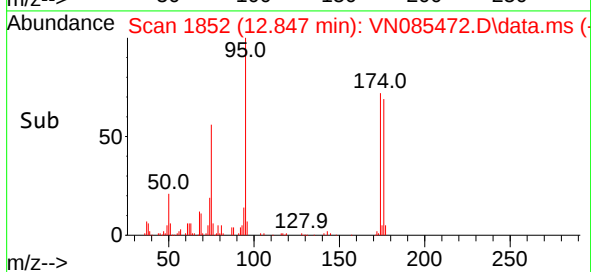
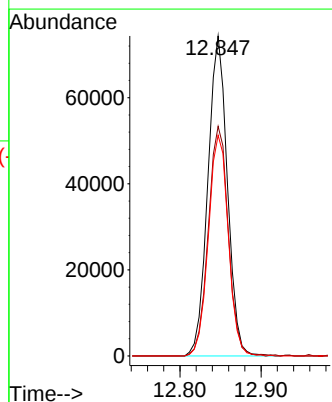
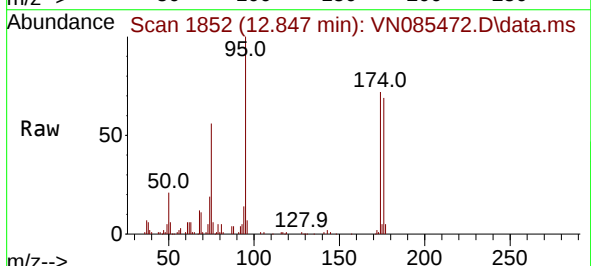
Instrument :
MSVOA_N
ClientSampleId :

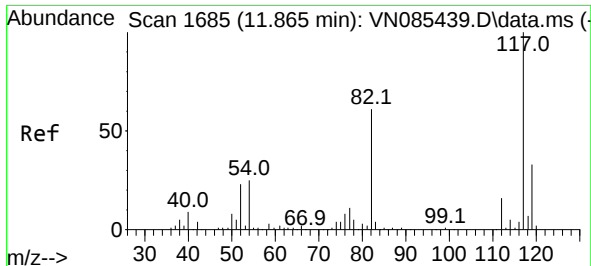
Tgt Ion: 43 Resp: 1693
Ion Ratio Lower Upper
43 100
58 203.2 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 46.341 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

Tgt Ion: 95 Resp: 123989
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.0
176 70.2 0.0 142.4

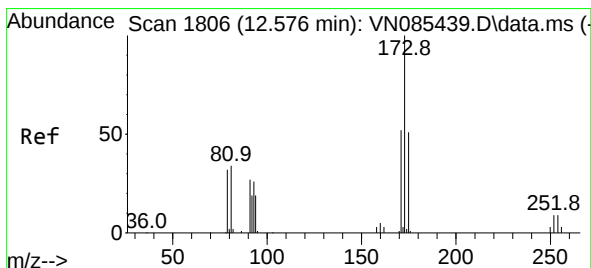
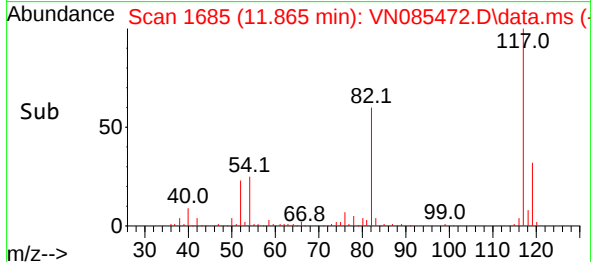
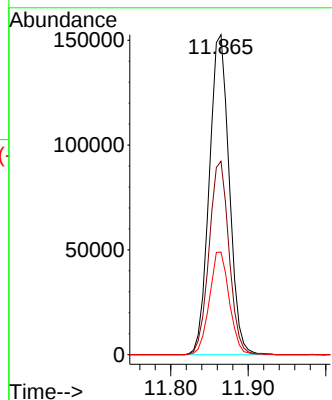
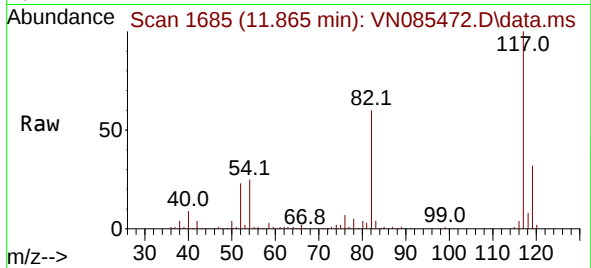




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

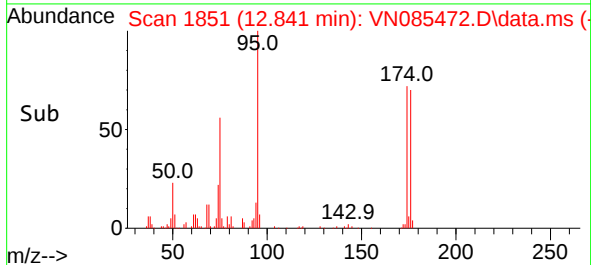
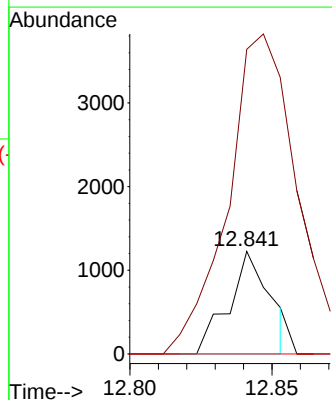
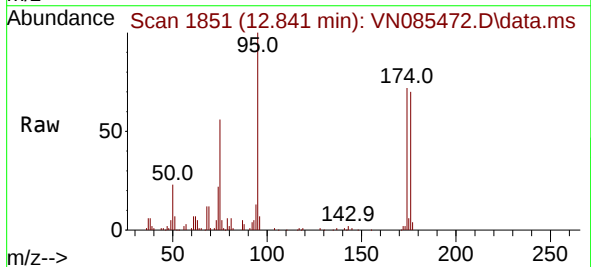
Instrument :
MSVOA_N
ClientSampleId :

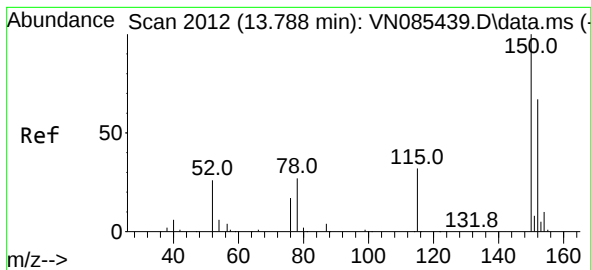
Tgt Ion:117 Resp: 272816
Ion Ratio Lower Upper
117 100
82 60.5 48.6 72.8
119 32.1 26.6 39.8



#71
Bromoform
Concen: 0.795 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085472.D
Acq: 16 Jan 2025 16:09

Tgt Ion:173 Resp: 1248
Ion Ratio Lower Upper
173 100
175 409.8 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# 2012

Delta R.T. 0.000 min

Lab File: VN085472.D

Acq: 16 Jan 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

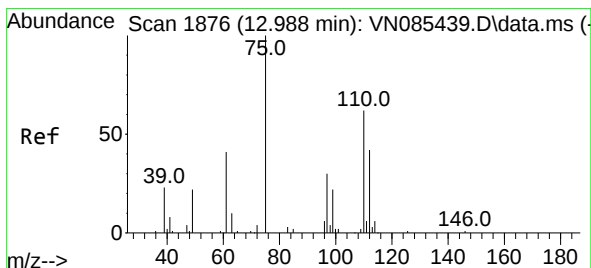
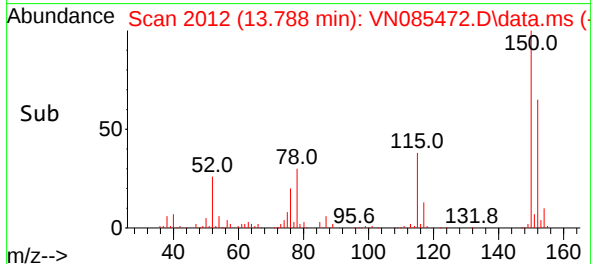
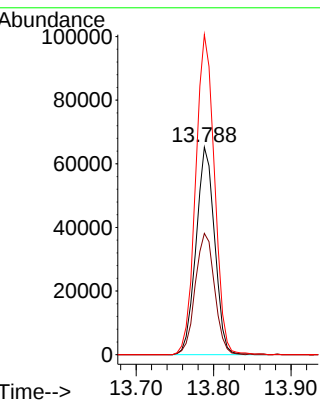
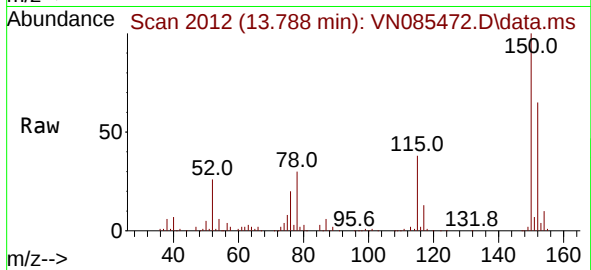
Tgt Ion:152 Resp: 108701

Ion Ratio Lower Upper

152 100

115 60.9 31.1 93.3

150 156.4 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 30.948 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085472.D

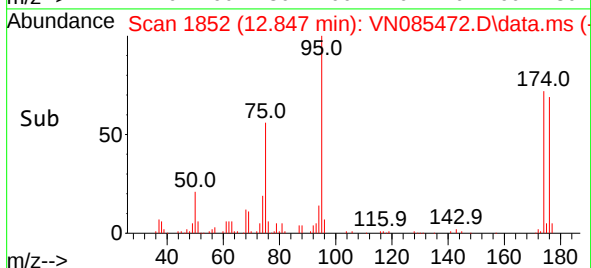
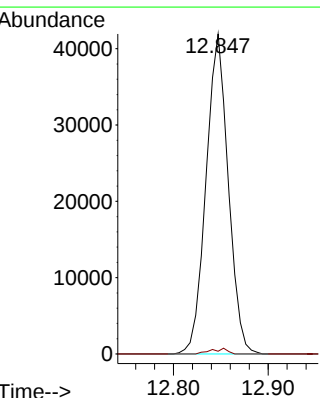
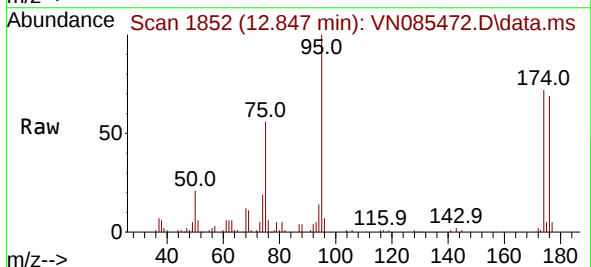
Acq: 16 Jan 2025 16:09

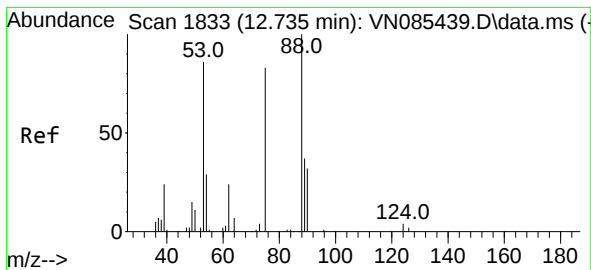
Tgt Ion: 75 Resp: 68376

Ion Ratio Lower Upper

75 100

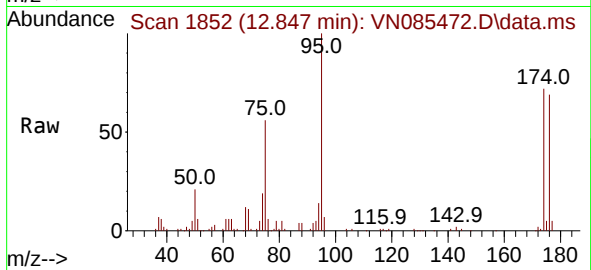
77 1.3 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.732 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085472.D
 Acq: 16 Jan 2025 16:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 68376
 Ion Ratio Lower Upper
 75 100
 53 0.2 95.6 143.4#
 89 0.0 37.0 55.6#

