

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085473.D
 Acq On : 16 Jan 2025 16:33
 Operator : JC\MD
 Sample : Q1060-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 01:06:46 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)

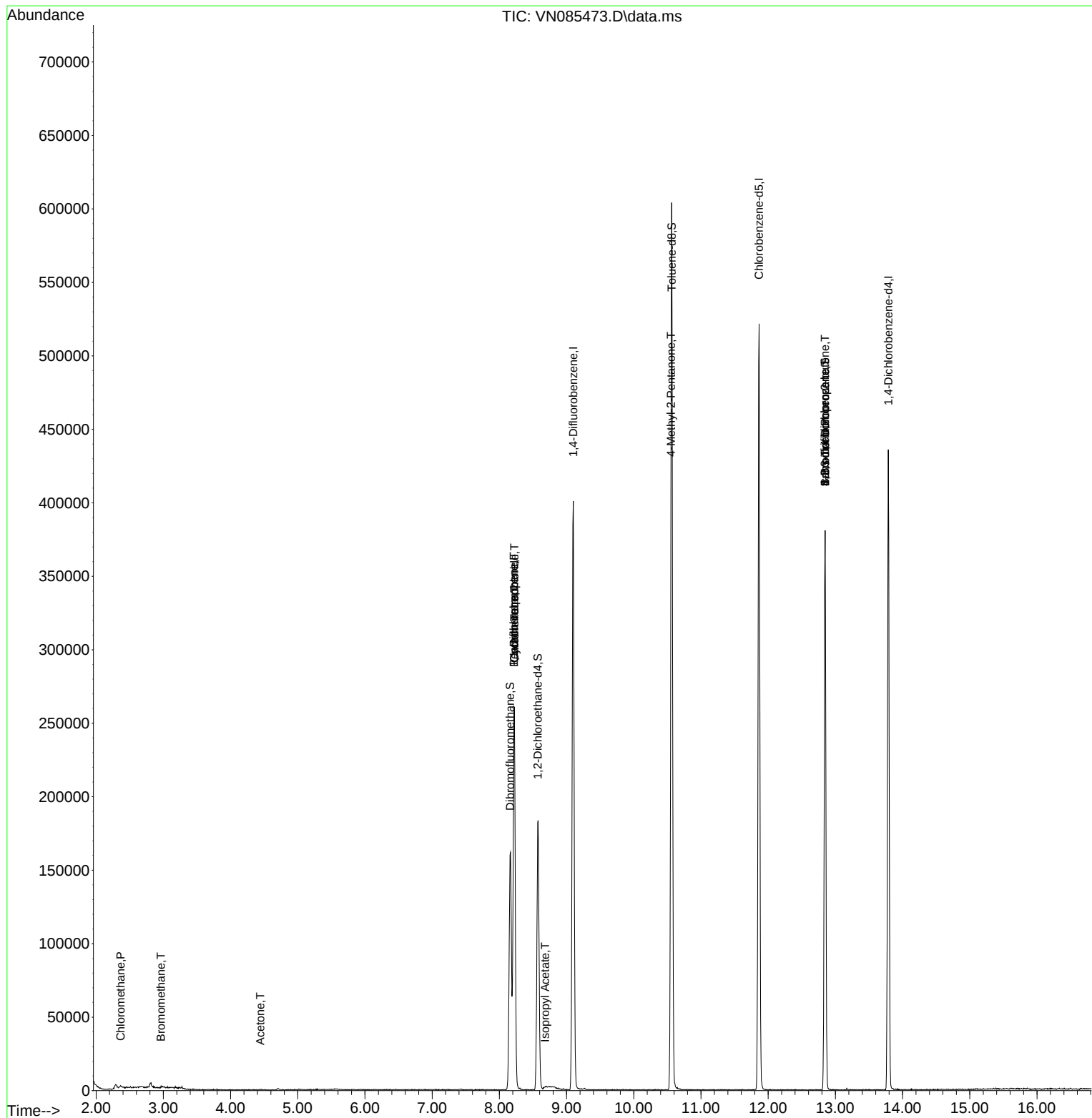
Internal Standards						
1) Pentafluorobenzene	8.218	168	173367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	156112	55.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.560%	
35) Dibromofluoromethane	8.159	113	116141	52.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.080%	
50) Toluene-d8	10.565	98	394826	50.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.847	95	126070	46.927	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	760	0.299	ug/l	100
5) Bromomethane	2.965	94	358	0.232	ug/l	94
16) Acetone	4.442	43	834	0.922	ug/l #	45
31) Cyclohexane	8.224	56	5127	1.444	ug/l #	34
36) 1,1-Dichloropropene	8.218	75	15903	5.126	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19916	5.608	ug/l #	18
43) Isopropyl Acetate	8.683	43	1075	0.214	ug/l #	55
51) 4-Methyl-2-Pentanone	10.553	43	1819	0.625	ug/l #	1
71) Bromoform	12.847	173	1232	0.765	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69861	31.317	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69861	84.732	ug/l #	3

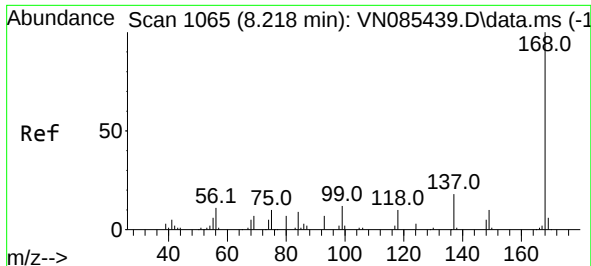
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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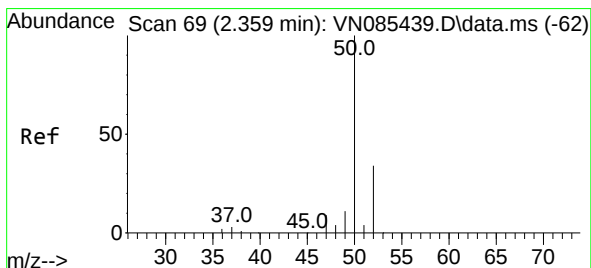
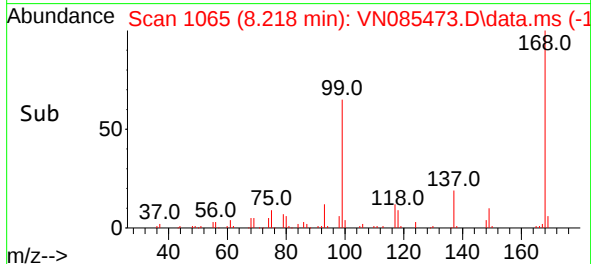
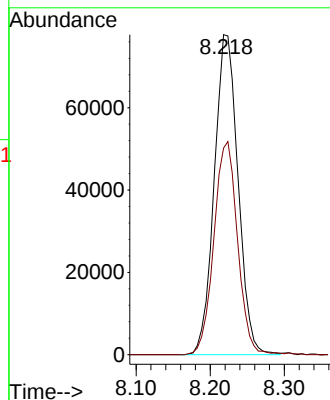
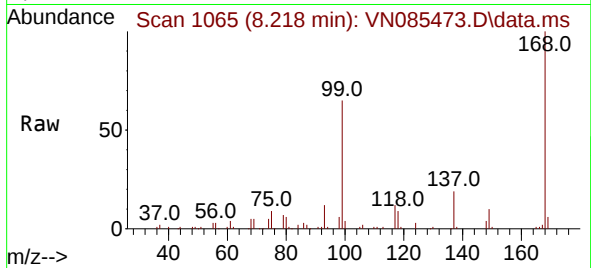




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

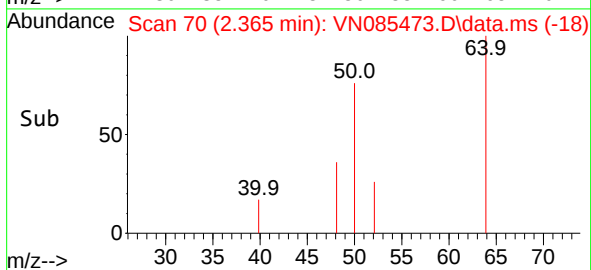
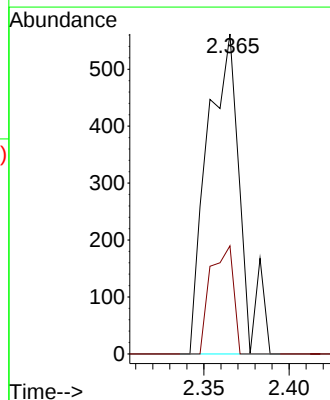
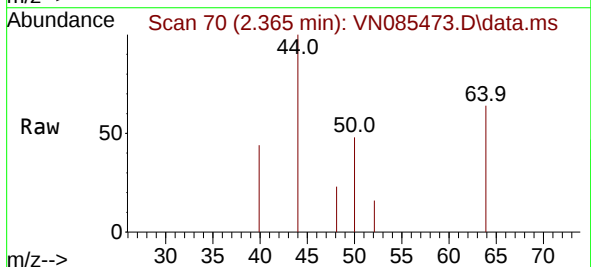
Instrument :
MSVOA_N
ClientSampleId :

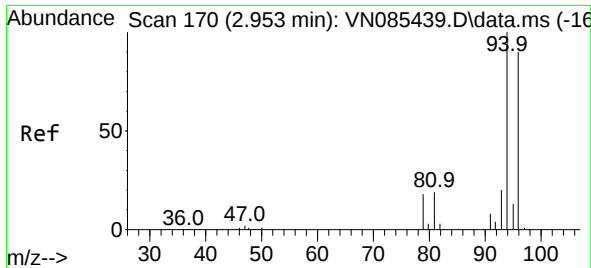
Tgt Ion:168 Resp: 173367
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4



#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 33.8 27.0 40.6

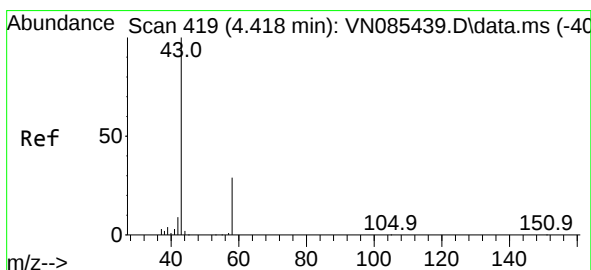
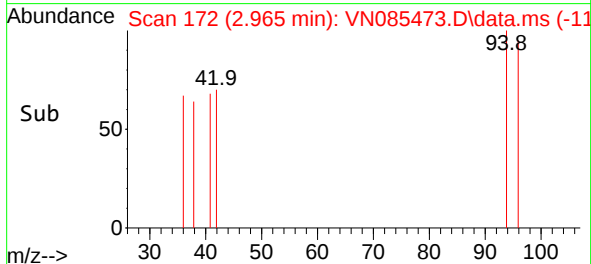
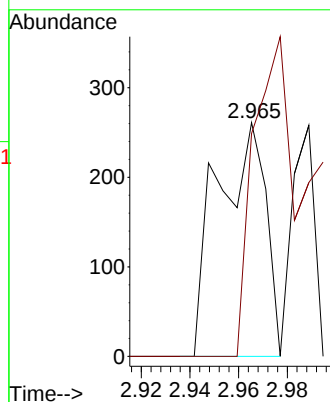
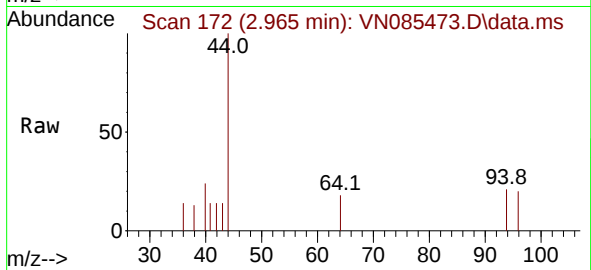




#5
Bromomethane
Concen: 0.232 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

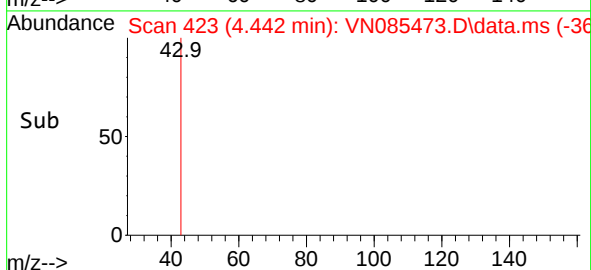
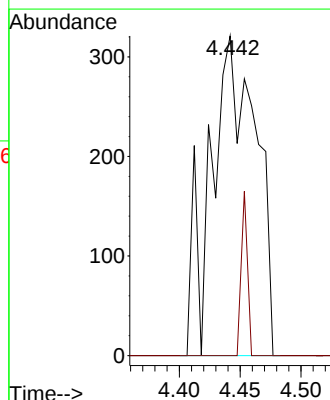
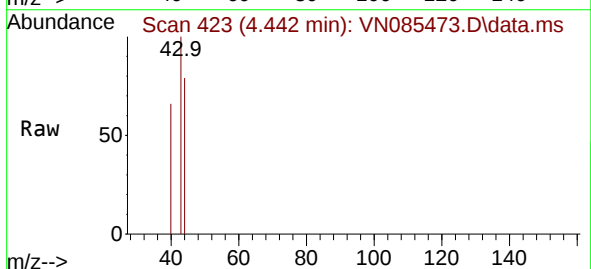
Instrument :
MSVOA_N
ClientSampleId :

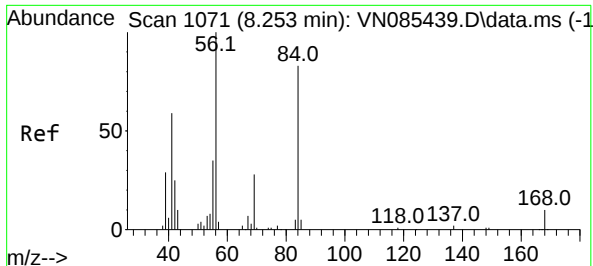
Tgt Ion: 94 Resp: 358
Ion Ratio Lower Upper
94 100
96 95.4 71.8 107.6



#16
Acetone
Concen: 0.922 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

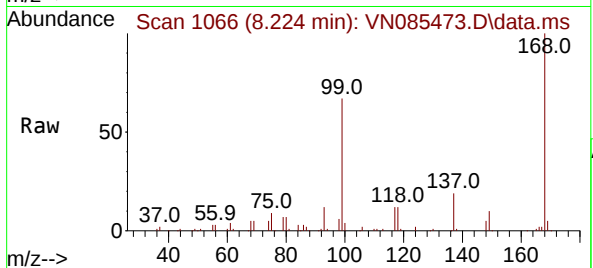
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



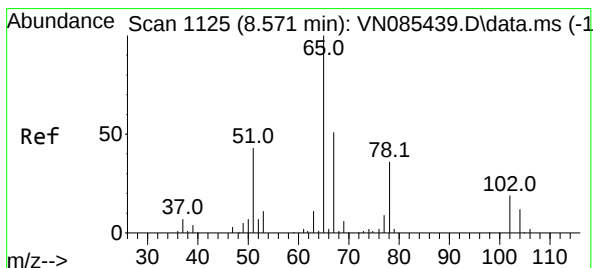
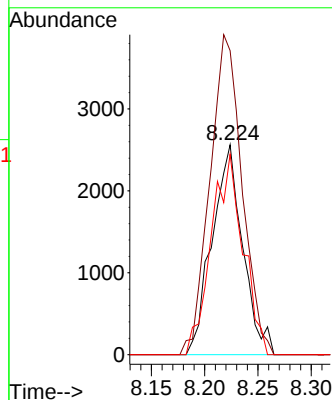
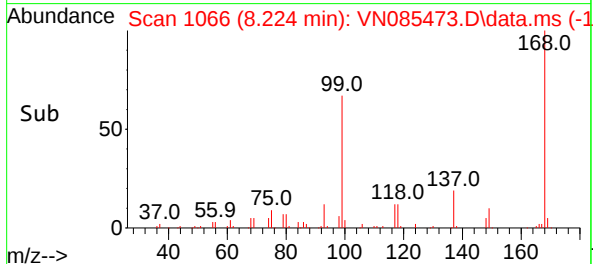


#31
Cyclohexane
Concen: 1.444 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

Instrument :
MSVOA_N
ClientSampleId :

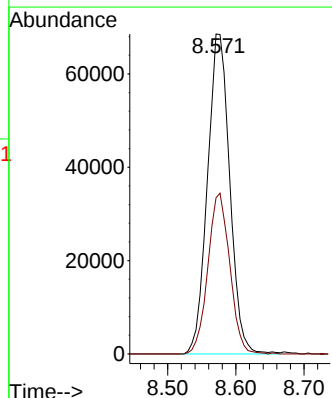
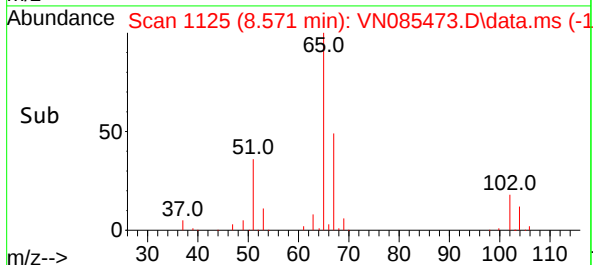
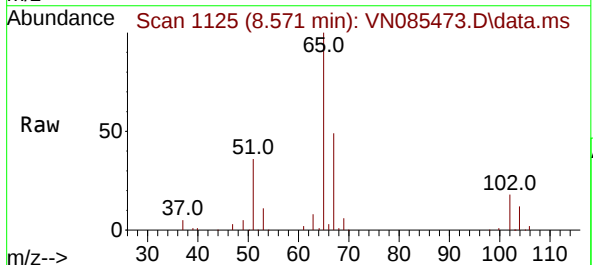


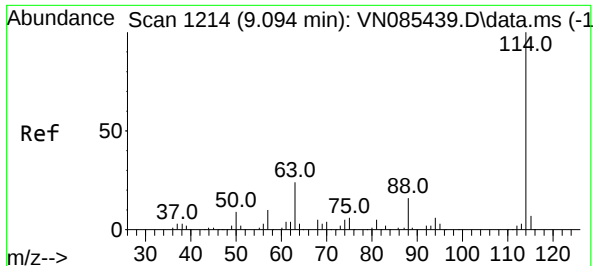
Tgt Ion: 56 Resp: 5127
Ion Ratio Lower Upper
56 100
69 144.8 22.2 33.4#
84 95.5 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 55.784 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

Tgt Ion: 65 Resp: 156112
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.6

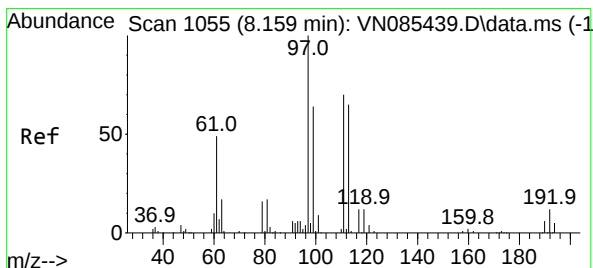
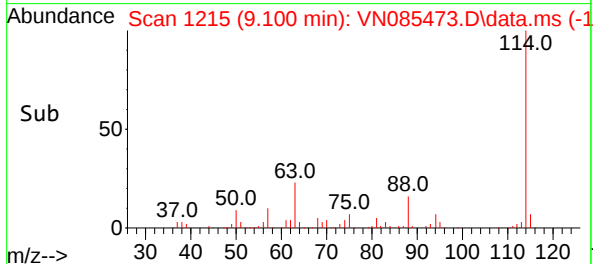
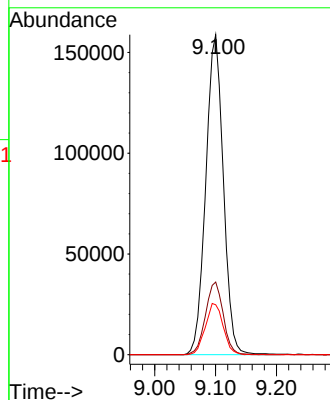
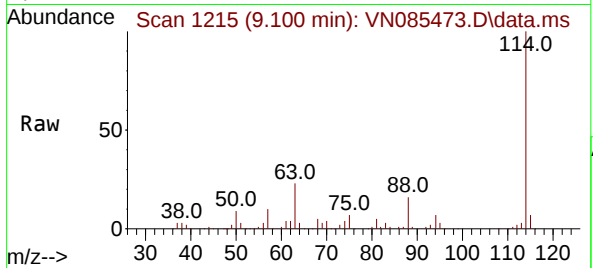




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

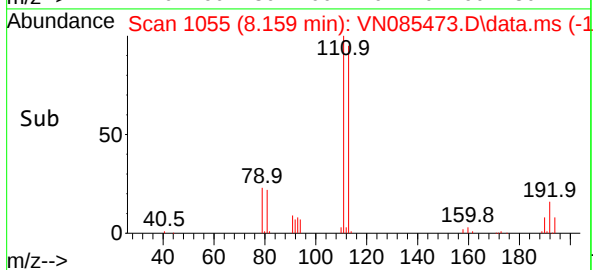
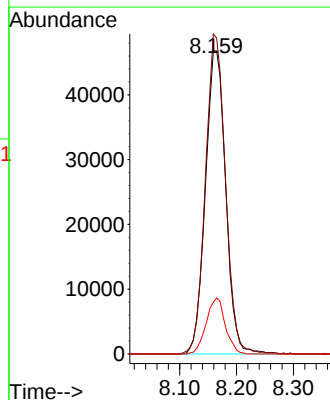
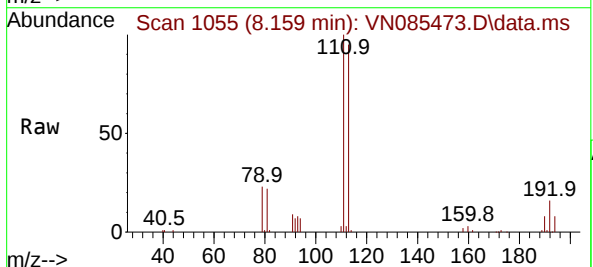
Instrument :
MSVOA_N
ClientSampleId :

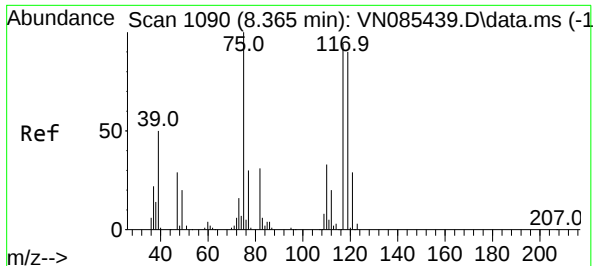
Tgt Ion:114 Resp: 318615
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.543 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

Tgt Ion:113 Resp: 116141
Ion Ratio Lower Upper
113 100
111 104.0 82.7 124.1
192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.126 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

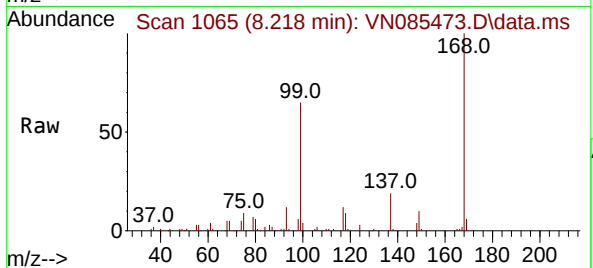
Lab File: VN085473.D

Acq: 16 Jan 2025 16:33

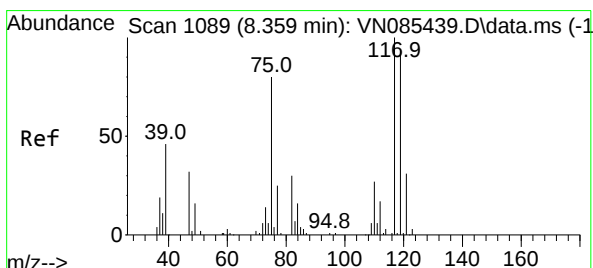
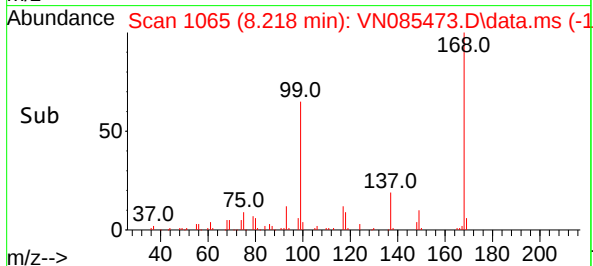
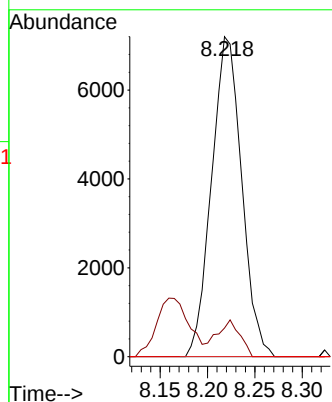
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	15903
Ion Ratio	Lower	Upper	
75	100		
110	8.4	16.5	49.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.608 ug/l

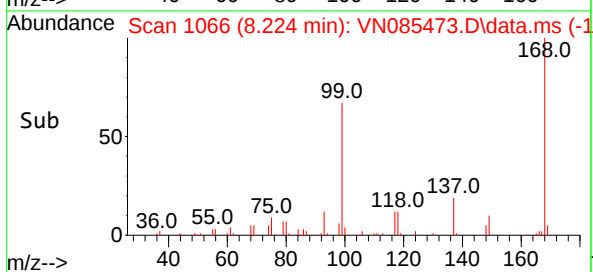
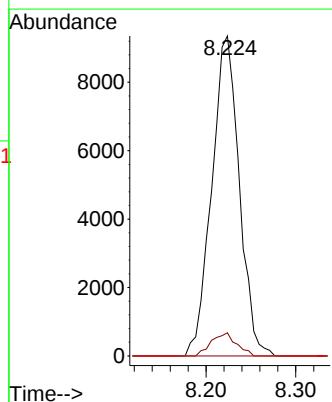
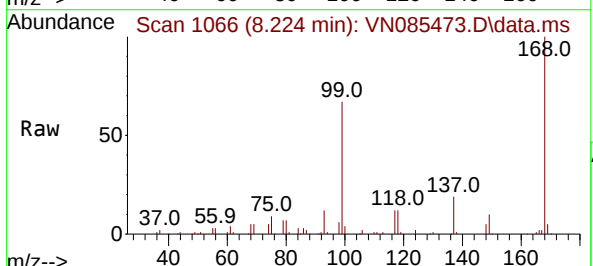
RT: 8.224 min Scan# 1066

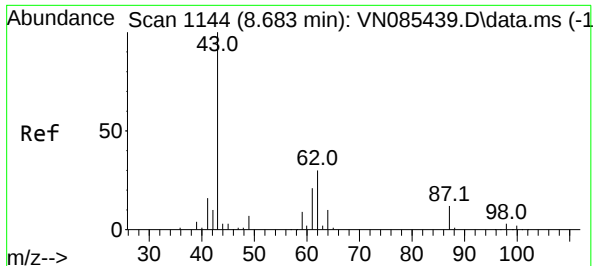
Delta R.T. -0.135 min

Lab File: VN085473.D

Acq: 16 Jan 2025 16:33

Tgt Ion:	117	Resp:	19916
Ion Ratio	Lower	Upper	
117	100		
119	7.2	75.4	113.2#
121	0.0	24.6	37.0#

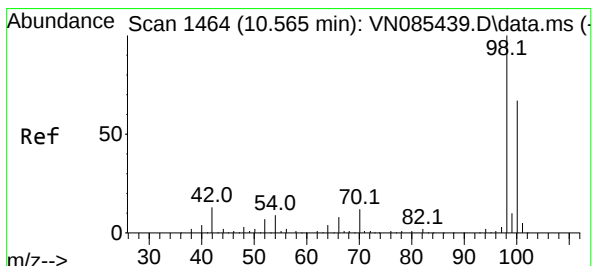
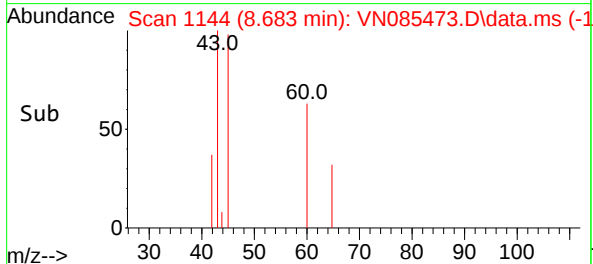
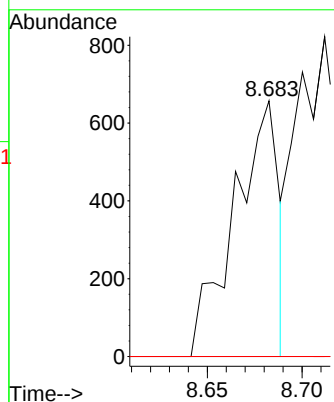
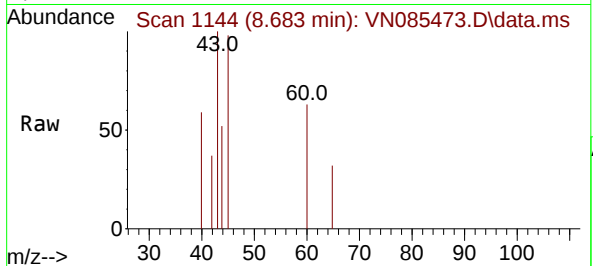




#43
Isopropyl Acetate
Concen: 0.214 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

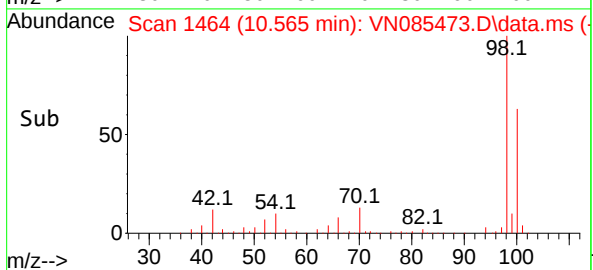
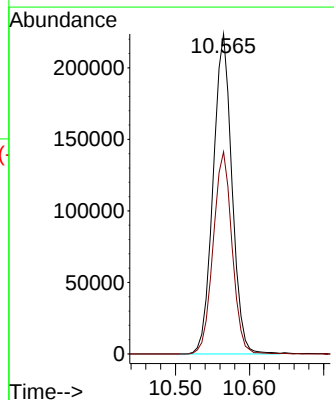
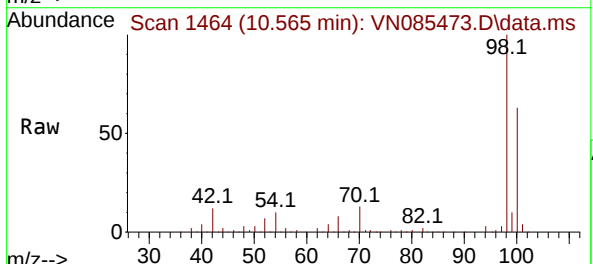
Instrument :
MSVOA_N
ClientSampleId :

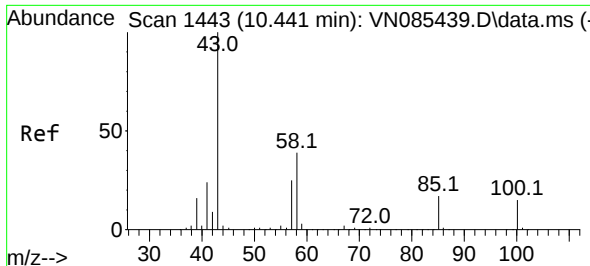
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 50.274 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

Tgt Ion: 98 Resp: 394826
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.4

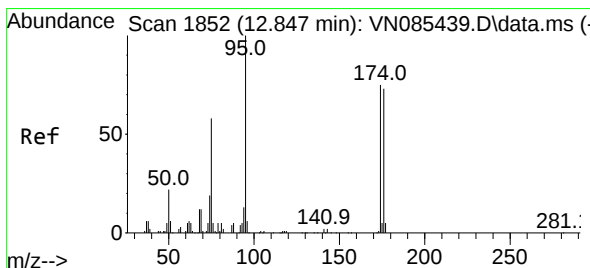
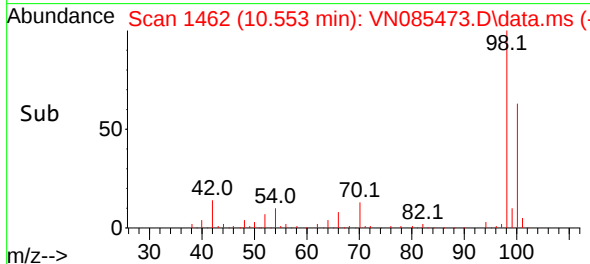
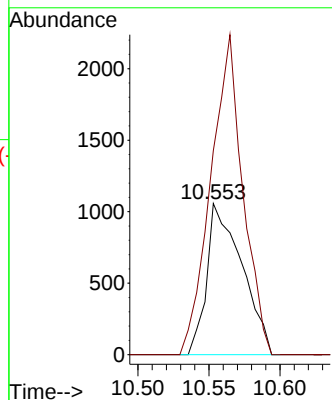
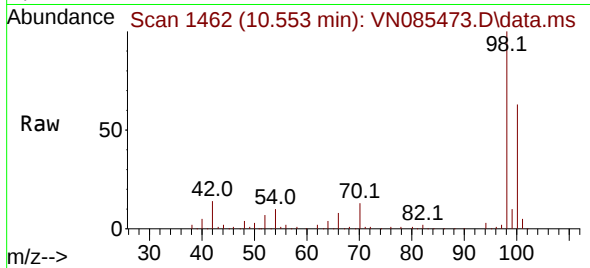




#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 10.553 min Scan# 1443
Delta R.T. 0.112 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

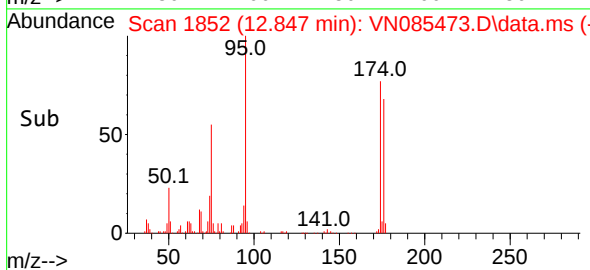
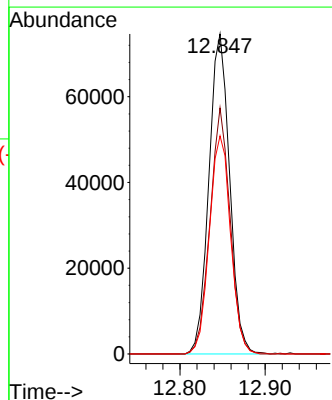
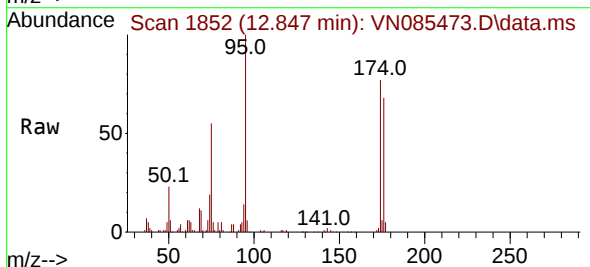
Instrument :
MSVOA_N
ClientSampleId :

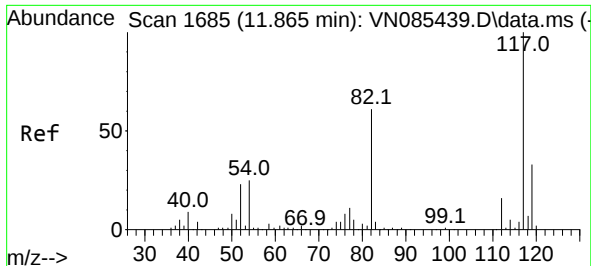
Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
58 194.1 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 46.927 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

Tgt Ion: 95 Resp: 126070
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.0
176 69.8 0.0 142.4

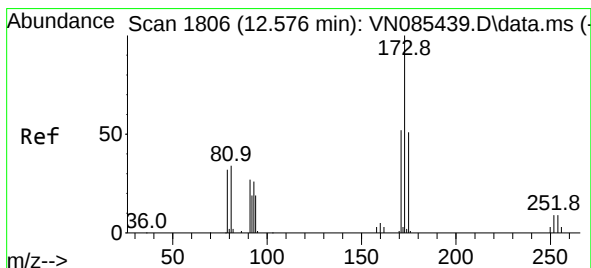
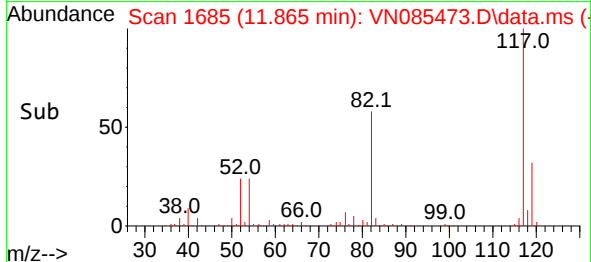
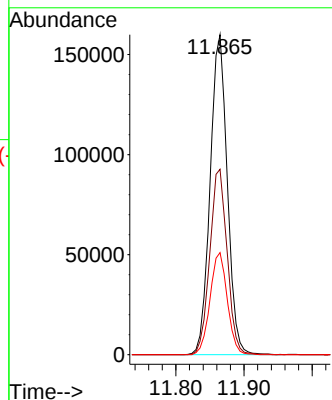
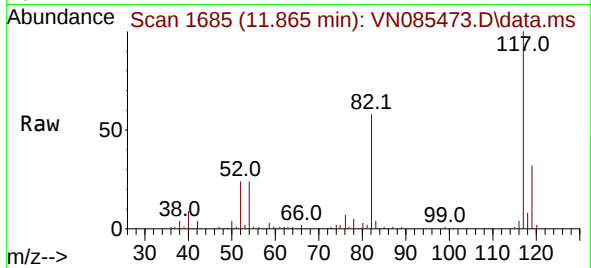




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

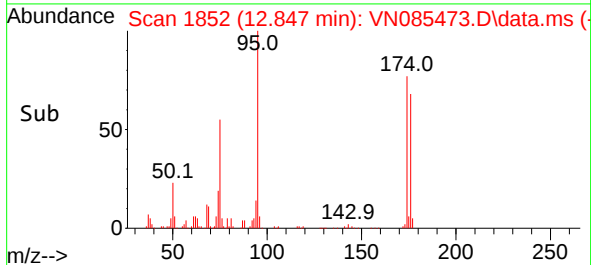
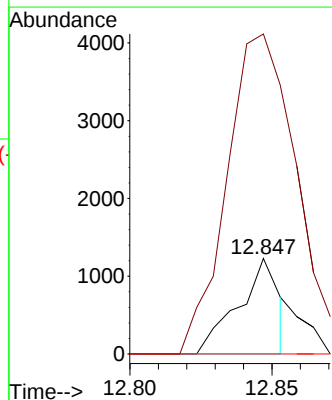
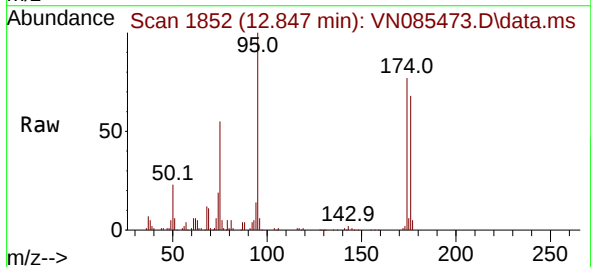
Instrument :
MSVOA_N
ClientSampleId :

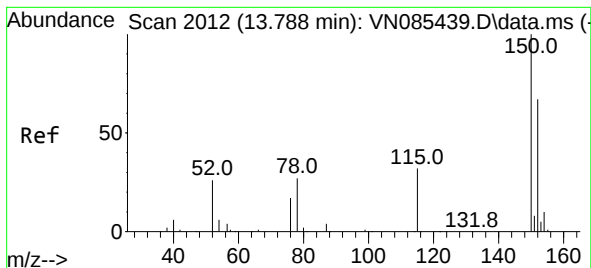
Tgt Ion:117 Resp: 279984
Ion Ratio Lower Upper
117 100
82 58.0 48.6 72.8
119 31.9 26.6 39.8



#71
Bromoform
Concen: 0.765 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN085473.D
Acq: 16 Jan 2025 16:33

Tgt Ion:173 Resp: 1232
Ion Ratio Lower Upper
173 100
175 450.9 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: VN085473.D

Acq: 16 Jan 2025 16:33

Instrument :

MSVOA_N

ClientSampleId :

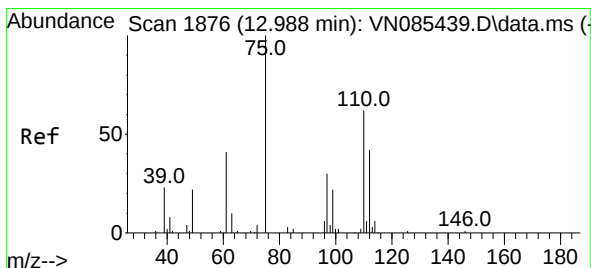
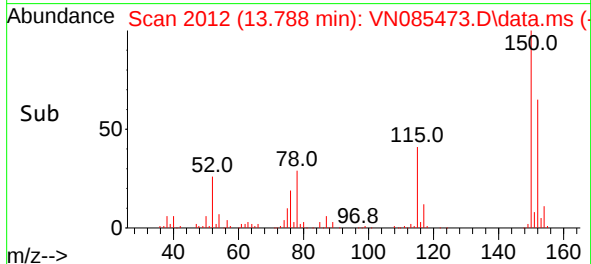
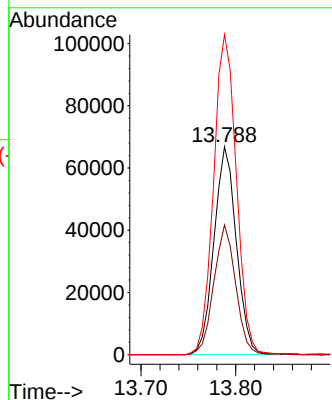
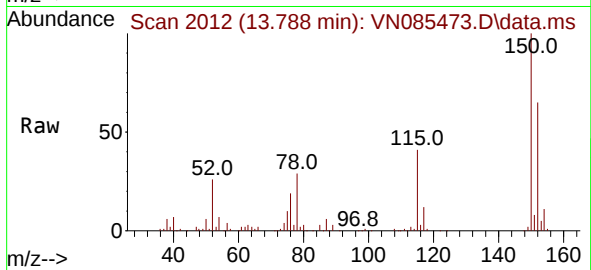
Tgt Ion:152 Resp: 109752

Ion Ratio Lower Upper

152 100

115 60.7 31.1 93.3

150 156.8 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 31.317 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085473.D

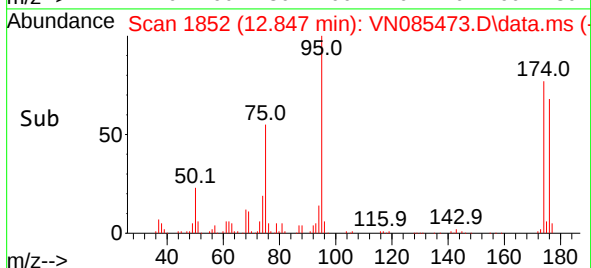
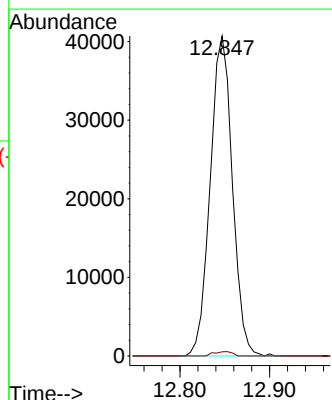
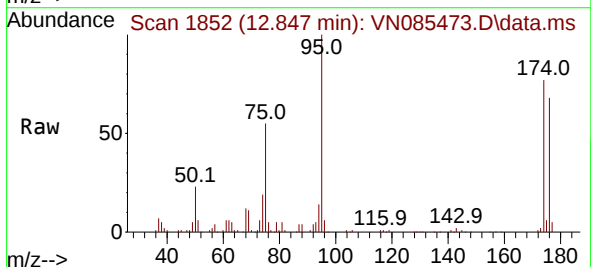
Acq: 16 Jan 2025 16:33

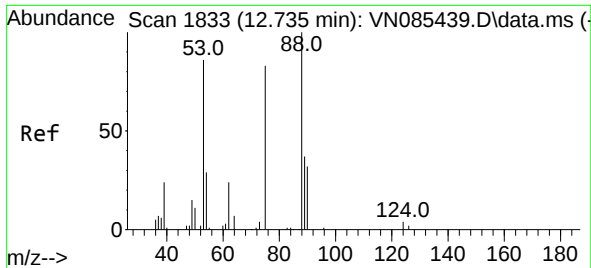
Tgt Ion: 75 Resp: 69861

Ion Ratio Lower Upper

75 100

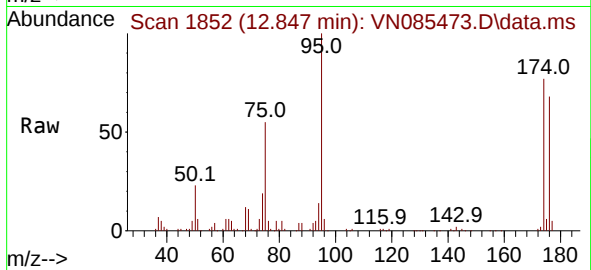
77 1.1 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.732 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085473.D
 Acq: 16 Jan 2025 16:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 69861
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 37.0 55.6#

