

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085455.D
 Acq On : 15 Jan 2025 12:37
 Operator : JC\MD
 Sample : Q1062-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 00:56:42 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)

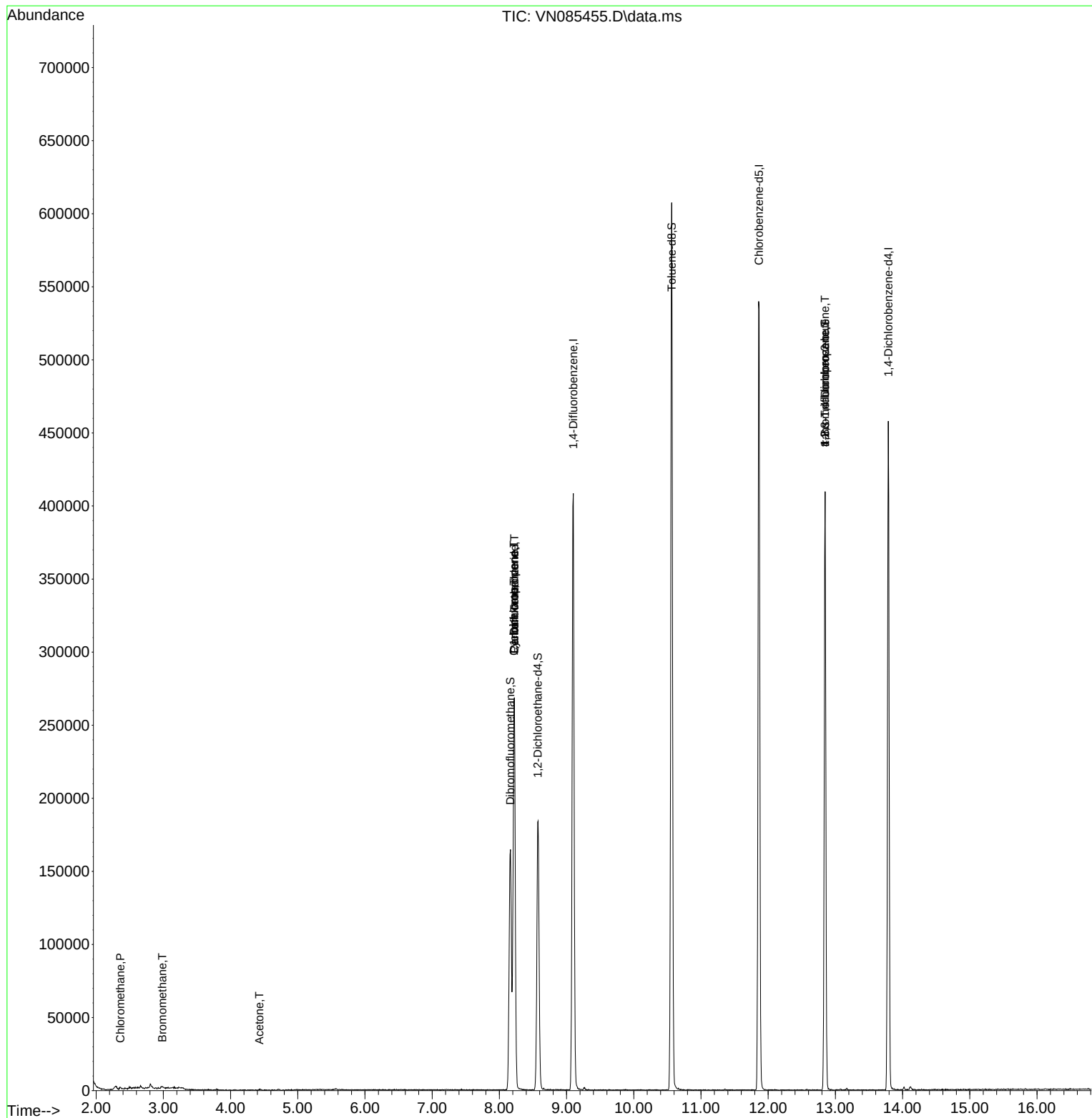
Internal Standards						
1) Pentafluorobenzene	8.224	168	183777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	157915	53.232	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.460%		
35) Dibromofluoromethane	8.165	113	118493	51.385	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.780%		
50) Toluene-d8	10.565	98	403278	49.222	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.440%		
62) 4-Bromofluorobenzene	12.847	95	131868	47.051	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.100%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	865	0.321	ug/l #	81
5) Bromomethane	2.983	94	562	0.344	ug/l	95
16) Acetone	4.430	43	909	0.948	ug/l #	45
31) Cyclohexane	8.218	56	5129	1.362	ug/l #	12
36) 1,1-Dichloropropene	8.218	75	17916	5.536	ug/l #	51
38) Carbon Tetrachloride	8.224	117	20653	5.574	ug/l #	20
76) 1,2,3-Trichloropropane	12.847	75	74599	31.526	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74599	85.297	ug/l #	3

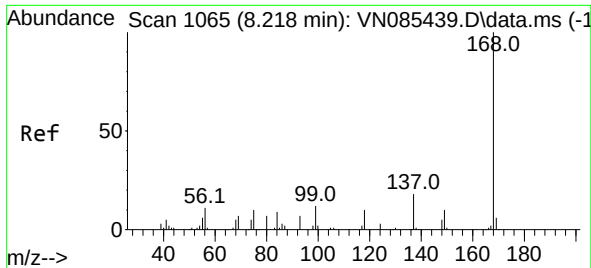
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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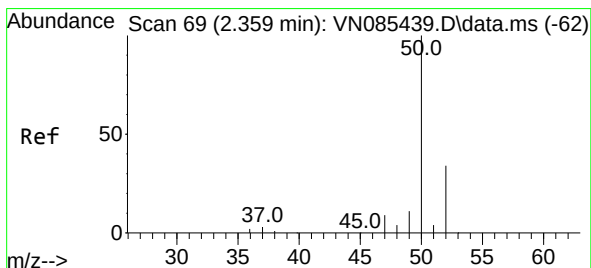
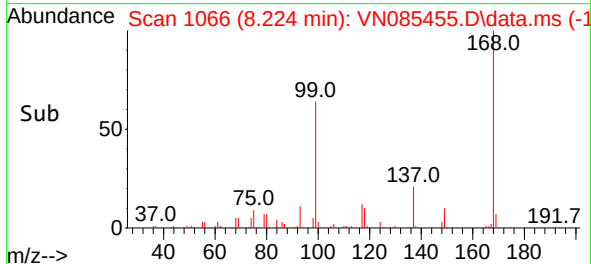
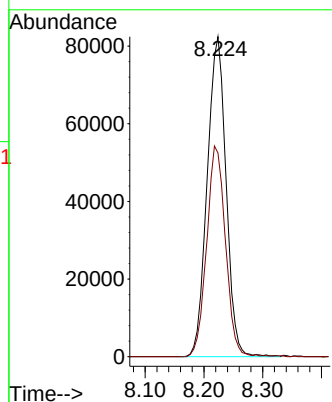
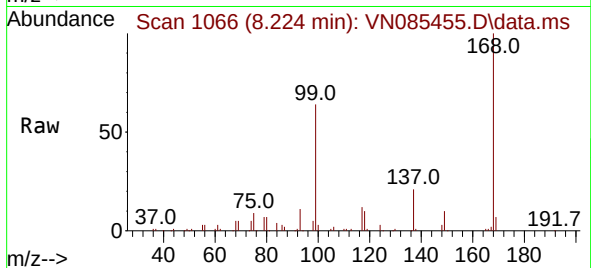




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

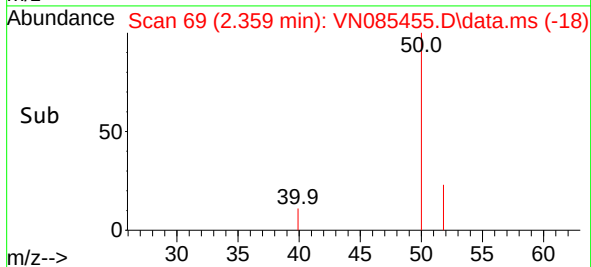
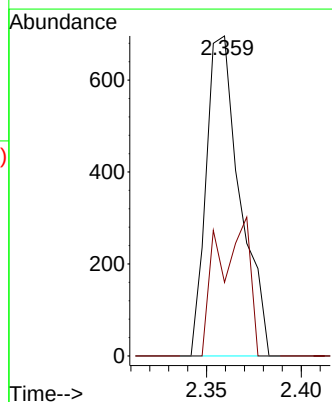
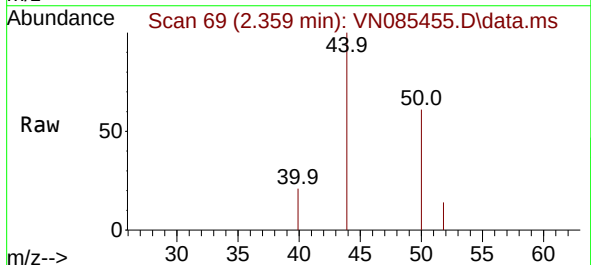
Instrument :
MSVOA_N
ClientSampleId :

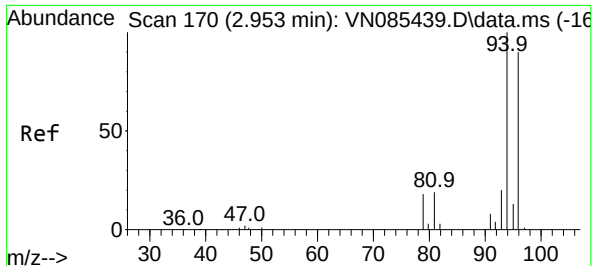
Tgt Ion:168 Resp: 183777
Ion Ratio Lower Upper
168 100
99 63.6 53.6 80.4



#3
Chloromethane
Concen: 0.321 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Tgt Ion: 50 Resp: 865
Ion Ratio Lower Upper
50 100
52 23.0 27.0 40.6#

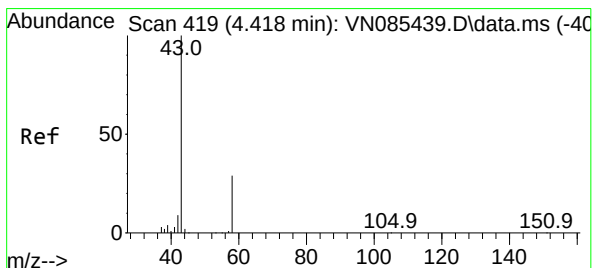
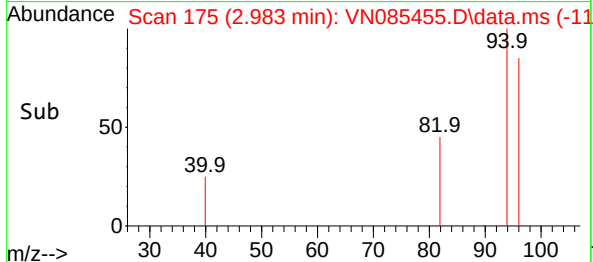
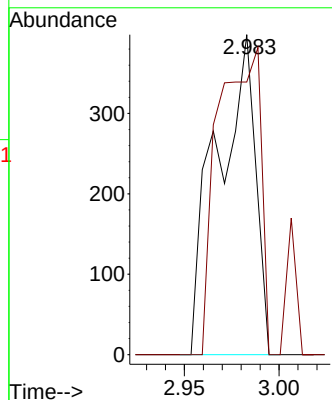
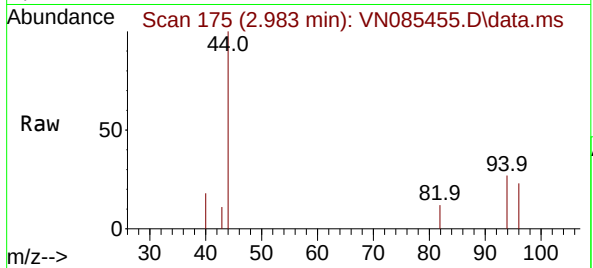




#5
Bromomethane
Concen: 0.344 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

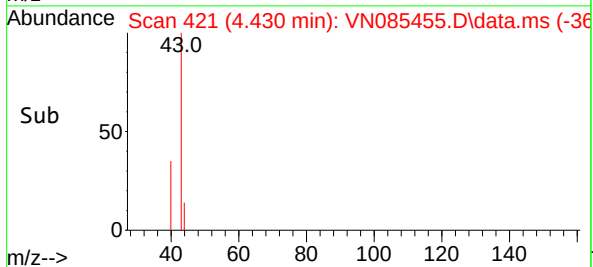
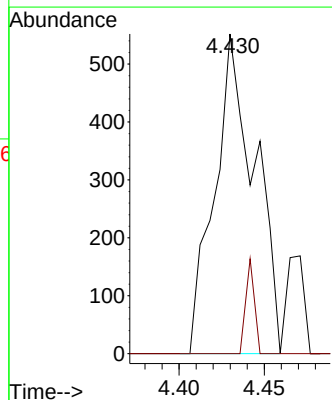
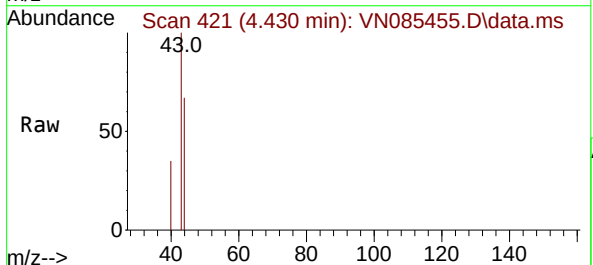
Instrument :
MSVOA_N
ClientSampleId :

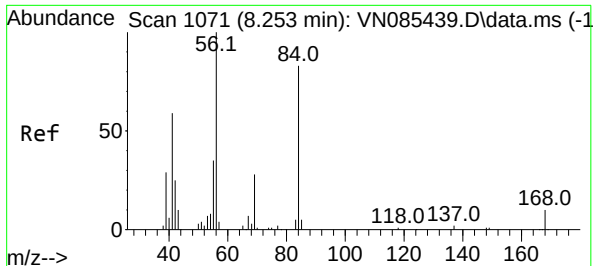
Tgt Ion: 94 Resp: 562
Ion Ratio Lower Upper
94 100
96 85.2 71.8 107.6



#16
Acetone
Concen: 0.948 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

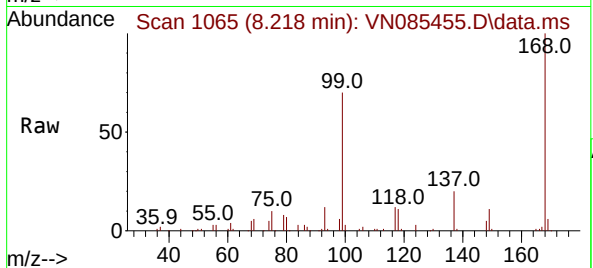
Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



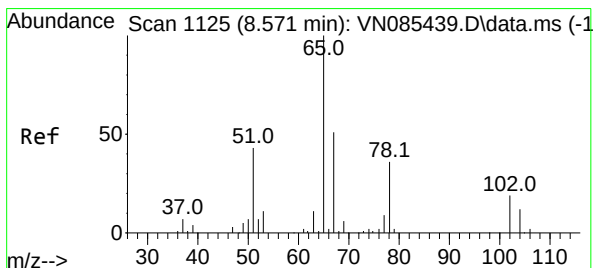
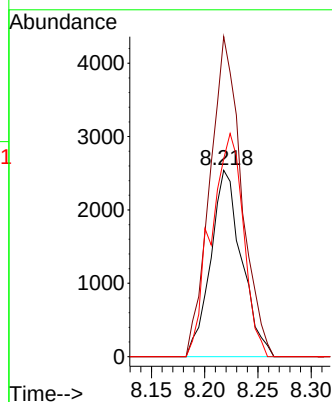
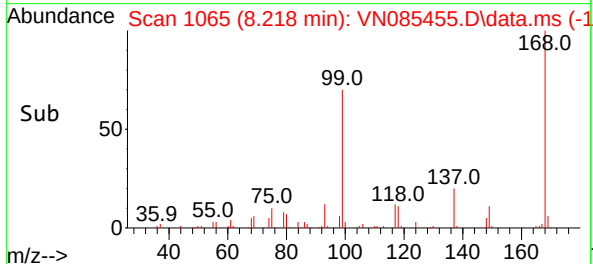


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :

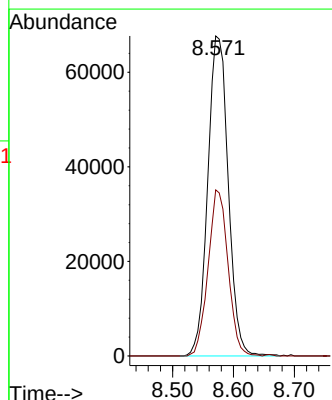
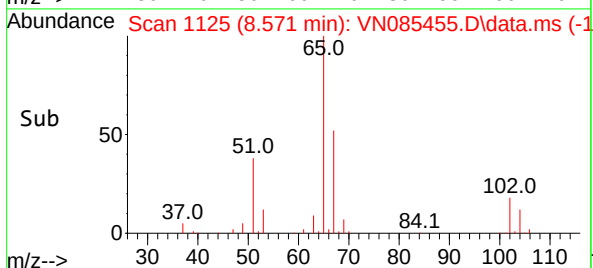
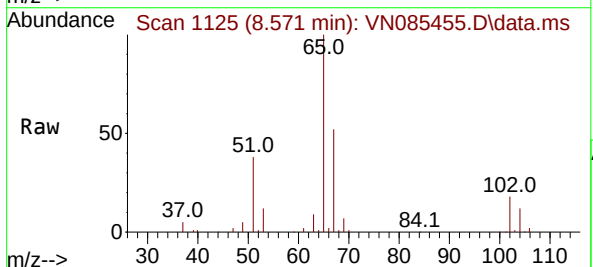


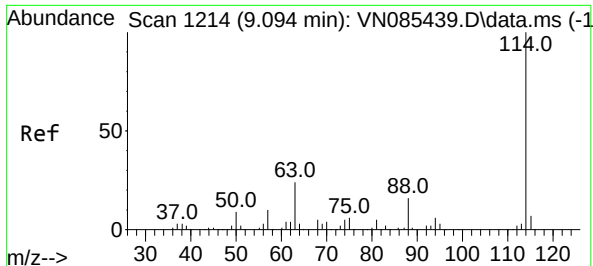
Tgt Ion: 56 Resp: 5129
Ion Ratio Lower Upper
56 100
69 171.7 22.2 33.4#
84 106.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.232 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Tgt Ion: 65 Resp: 157915
Ion Ratio Lower Upper
65 100
67 50.5 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: VN085455.D

Acq: 15 Jan 2025 12:37

Instrument :

MSVOA_N

ClientSampleId :

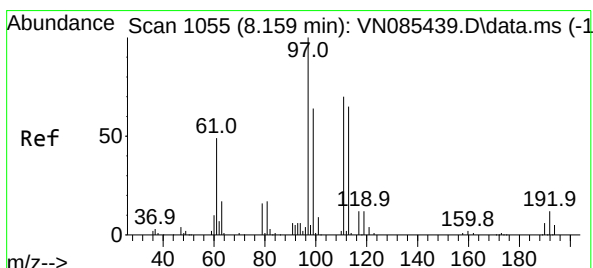
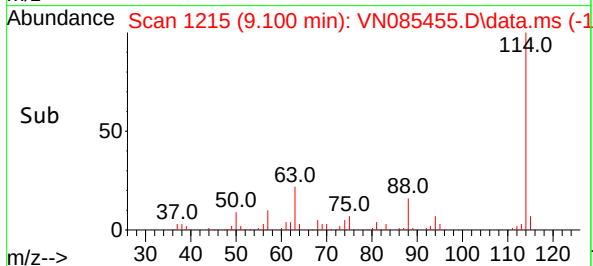
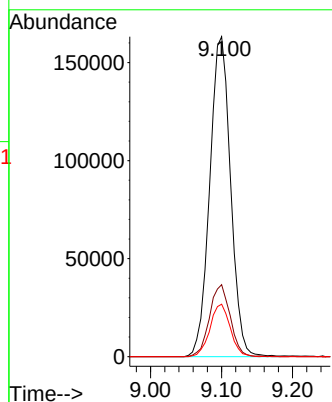
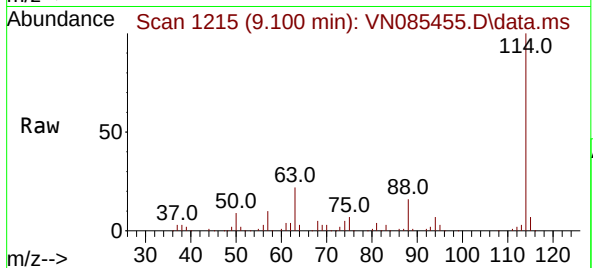
Tgt Ion:114 Resp: 332391

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.6

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.385 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085455.D

Acq: 15 Jan 2025 12:37

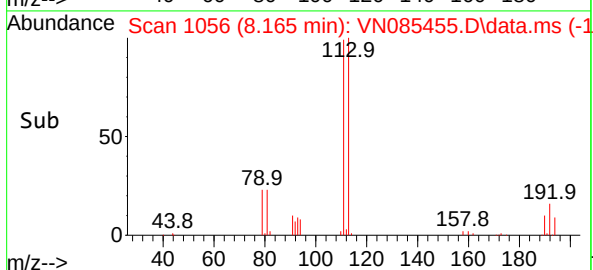
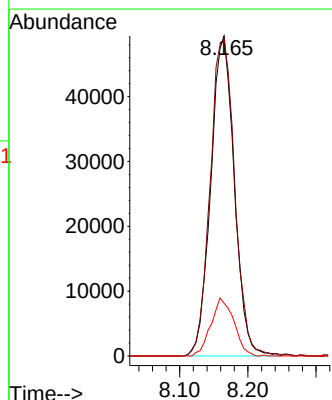
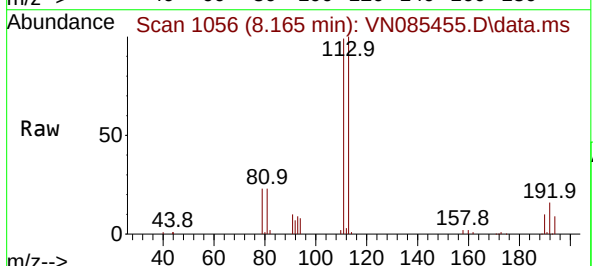
Tgt Ion:113 Resp: 118493

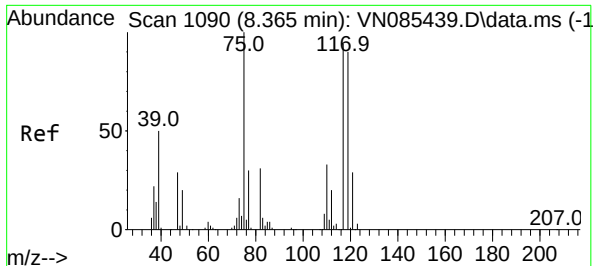
Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

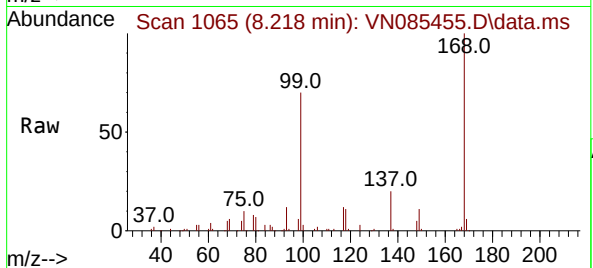
192 17.6 14.3 21.5



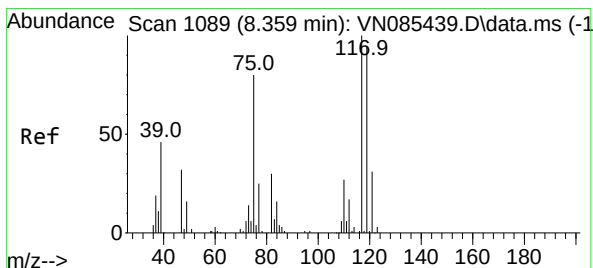
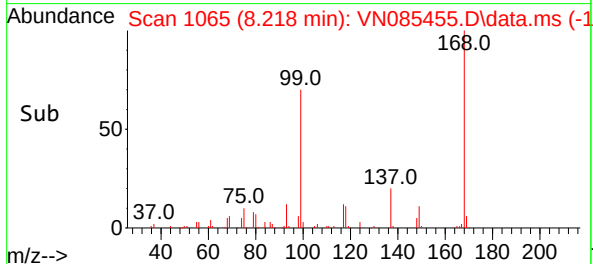
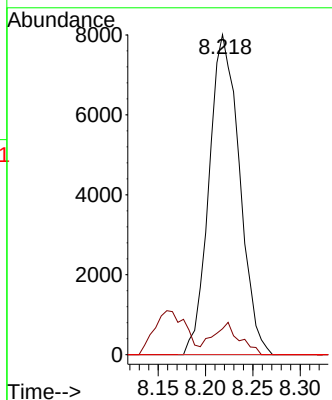


#36
1,1-Dichloropropene
Concen: 5.536 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :

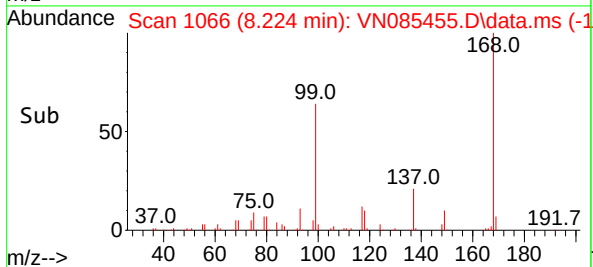
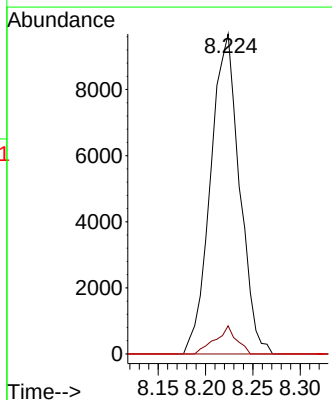
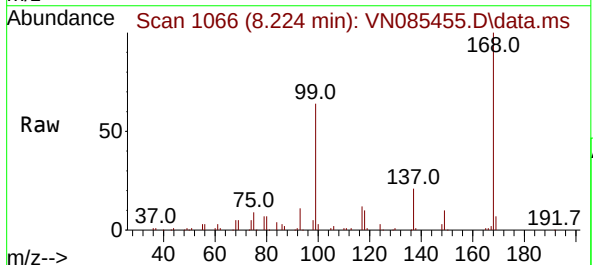


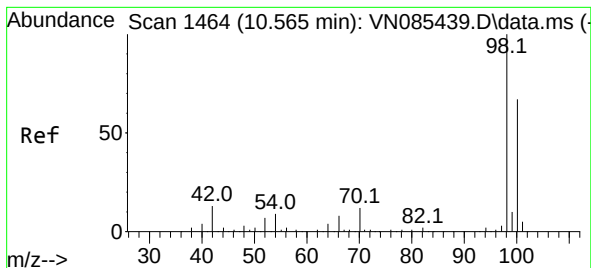
Tgt Ion: 75 Resp: 17916
Ion Ratio Lower Upper
75 100
110 8.7 16.5 49.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Tgt Ion: 117 Resp: 20653
Ion Ratio Lower Upper
117 100
119 8.8 75.4 113.2#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 49.222 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085455.D

Acq: 15 Jan 2025 12:37

Instrument :

MSVOA_N

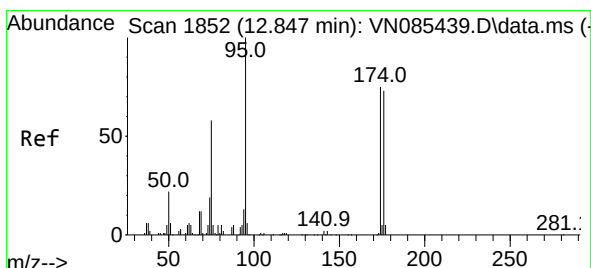
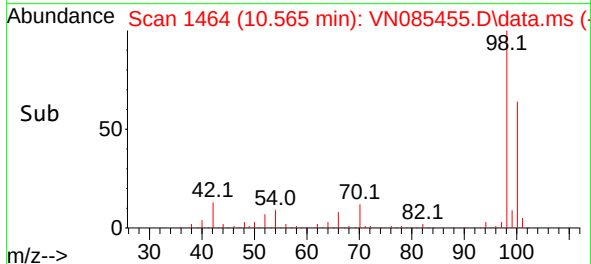
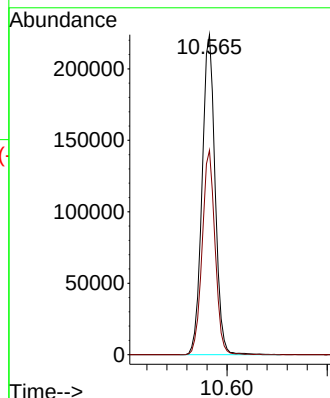
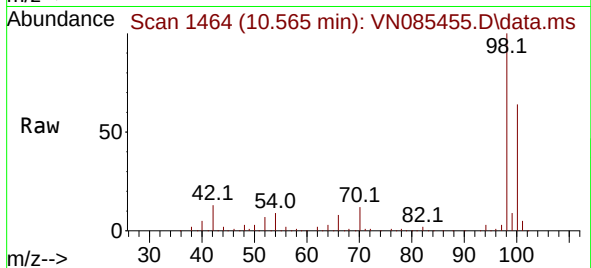
ClientSampleId :

Tgt Ion: 98 Resp: 403278

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.051 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085455.D

Acq: 15 Jan 2025 12:37

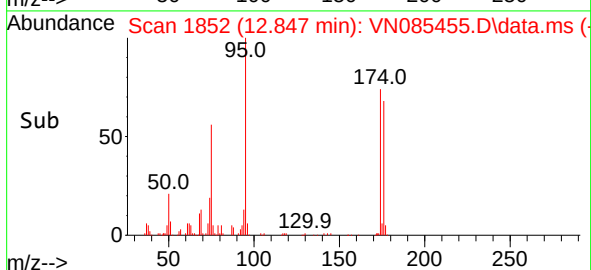
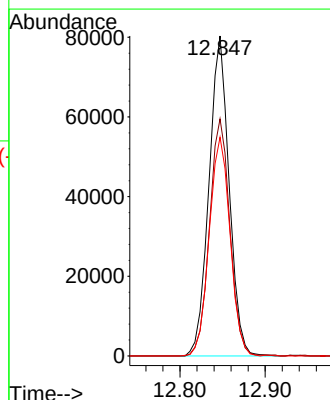
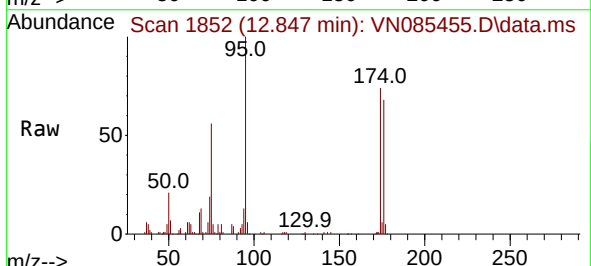
Tgt Ion: 95 Resp: 131868

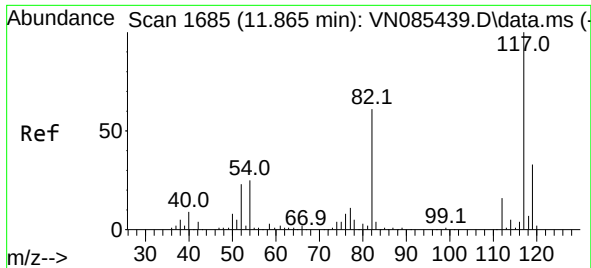
Ion Ratio Lower Upper

95 100

174 75.1 0.0 145.0

176 70.6 0.0 142.4

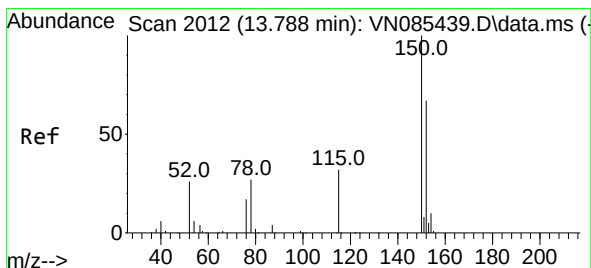
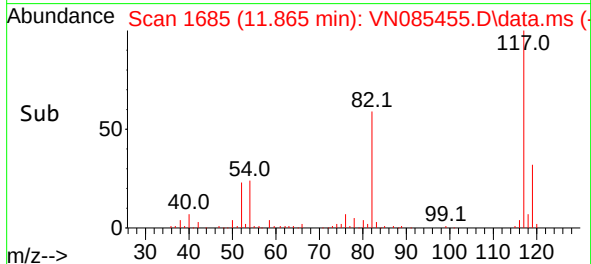
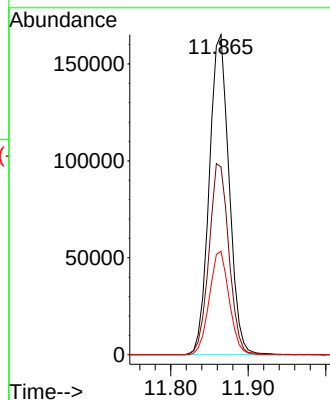
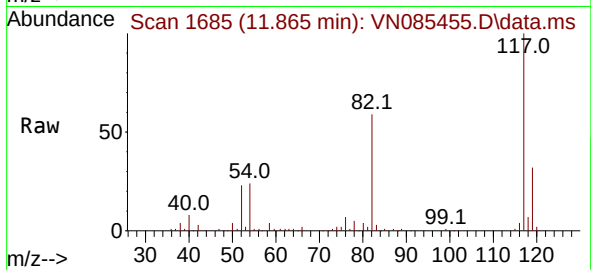




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

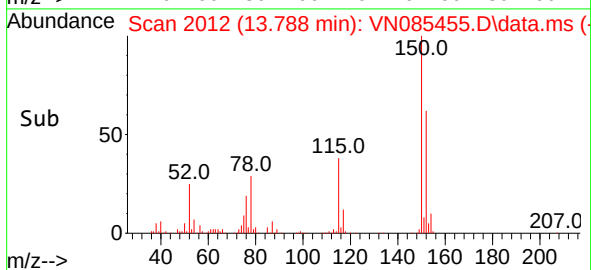
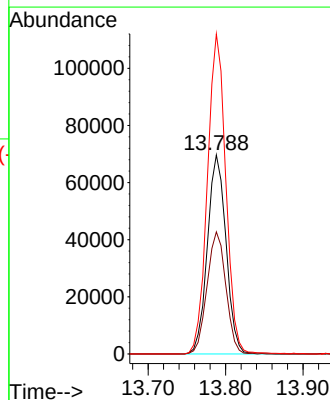
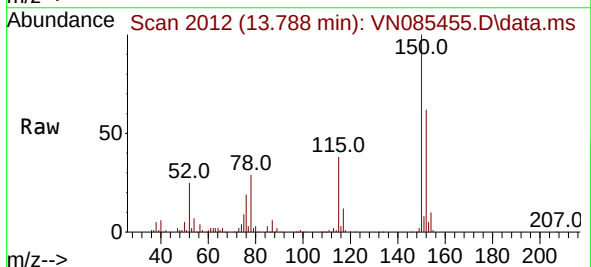
Instrument :
MSVOA_N
ClientSampleId :

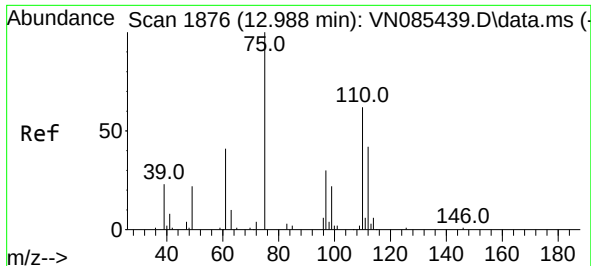
Tgt Ion:117 Resp: 293220
Ion Ratio Lower Upper
117 100
82 58.7 48.6 72.8
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Tgt Ion:152 Resp: 116419
Ion Ratio Lower Upper
152 100
115 61.9 31.1 93.3
150 158.7 0.0 343.6

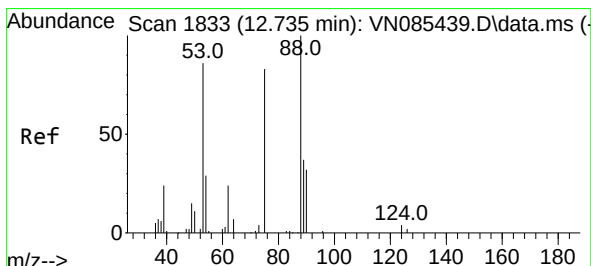
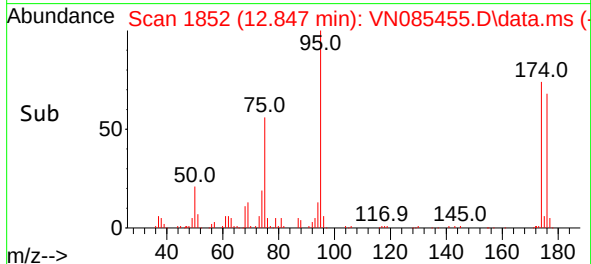
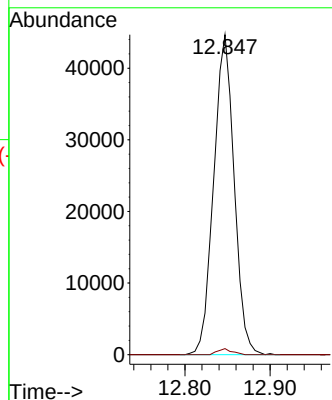
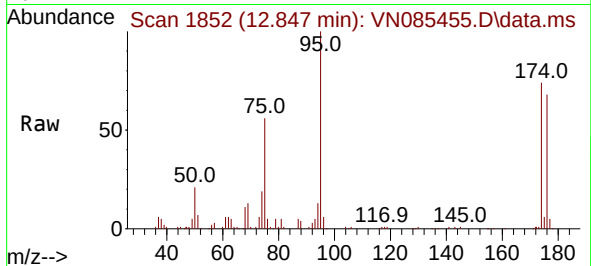




#76
1,2,3-Trichloropropane
Concen: 31.526 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 74599
Ion Ratio Lower Upper
75 100
77 1.3 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.297 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085455.D
Acq: 15 Jan 2025 12:37

Tgt Ion: 75 Resp: 74599
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#

