

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085730.D
 Acq On : 10 Feb 2025 17:47
 Operator : JC\MD
 Sample : Q1328-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 11 03:26:52 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.	T.Q	Ion	Response	Conc	Units	Dev(Min)

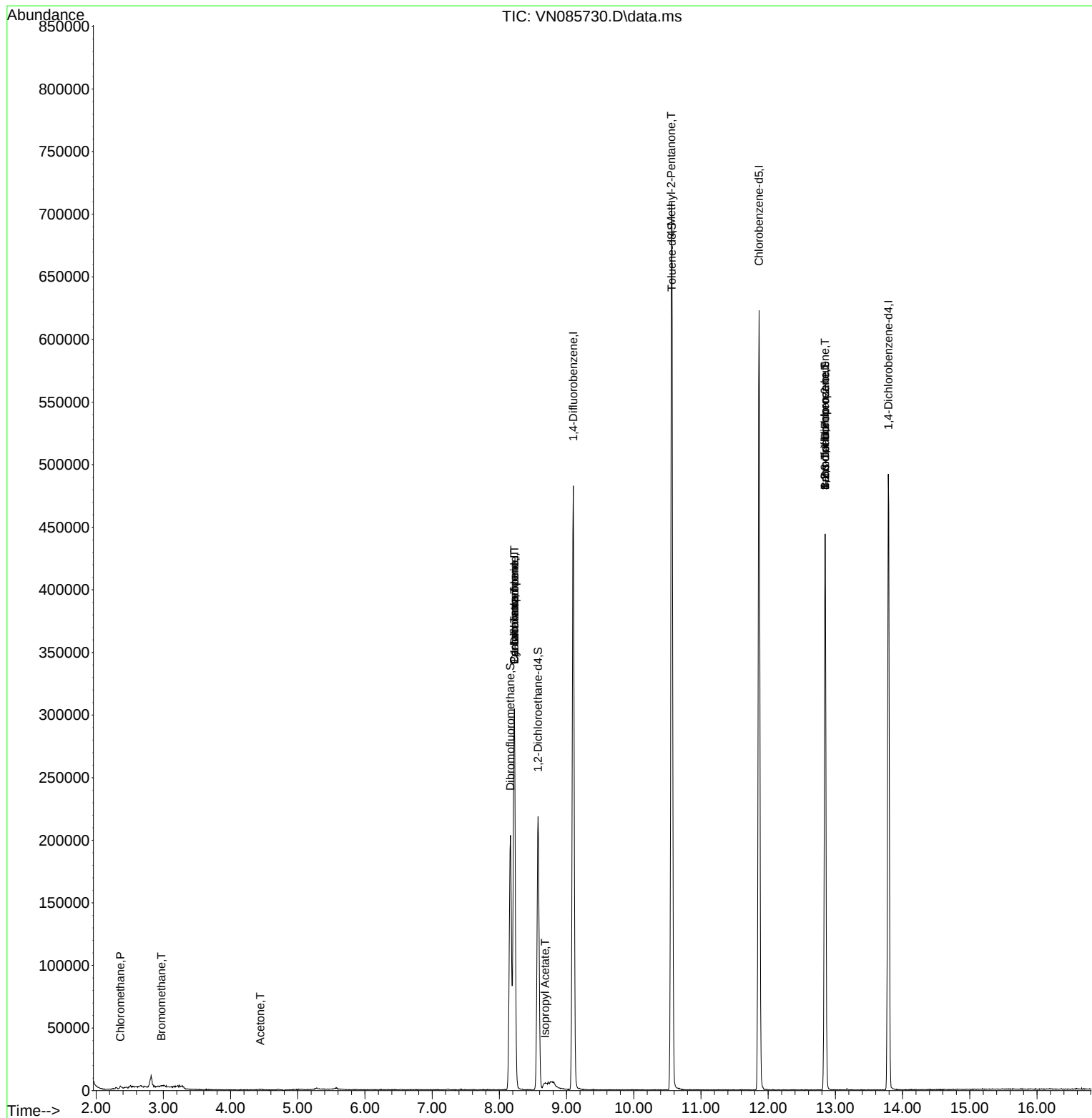
Internal Standards							
1) Pentafluorobenzene	8.224	168		215052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114		406991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117		354283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152		136368	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.577	65		179256	51.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.280%	
35) Dibromofluoromethane	8.165	113		146442	51.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.740%	
50) Toluene-d8	10.565	98		494912	49.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%	
62) 4-Bromofluorobenzene	12.847	95		153355	44.688	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.380%	
Target Compounds							
						Qvalue	
3) Chloromethane	2.359	50		1641	0.521	ug/l	94
5) Bromomethane	2.971	94		490	0.256	ug/l #	66
16) Acetone	4.442	43		1123	1.001	ug/l #	45
31) Cyclohexane	8.224	56		4743	1.077	ug/l #	1
36) 1,1-Dichloropropene	8.224	75		19333	4.879	ug/l #	50
38) Carbon Tetrachloride	8.224	117		23497	5.179	ug/l #	17
43) Isopropyl Acetate	8.682	43		5091	0.794	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43		1952	0.525	ug/l #	1
71) Bromoform	12.847	173		1280	0.628	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75		80404	29.009	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75		80404	78.485	ug/l #	3

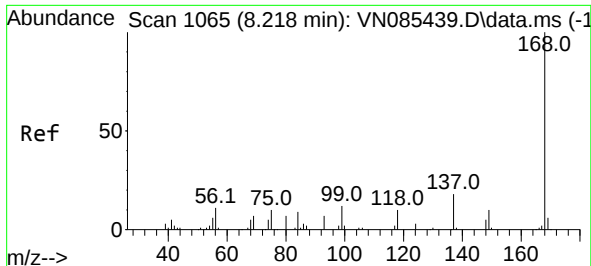
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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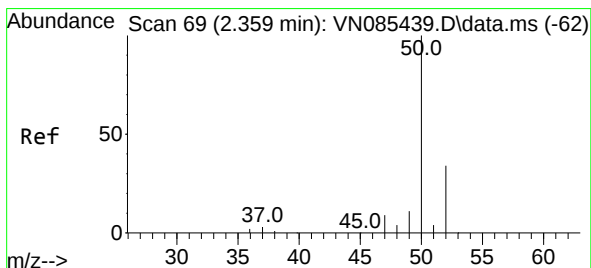
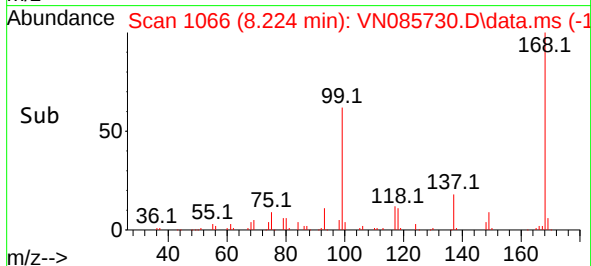
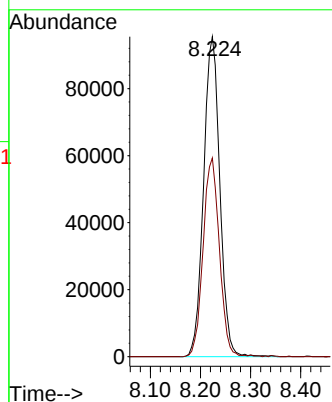
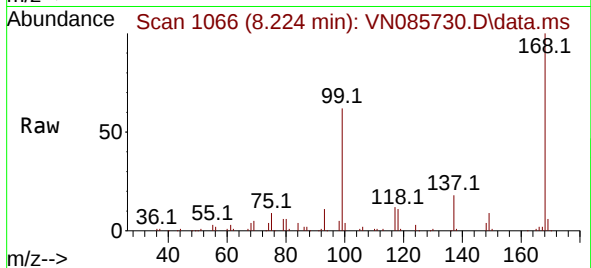




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

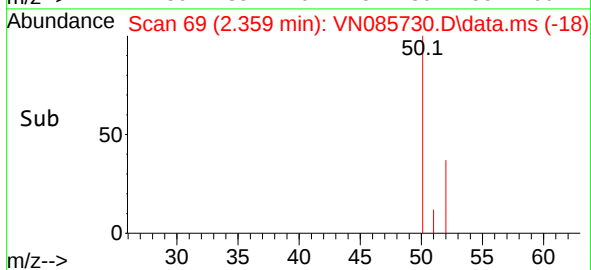
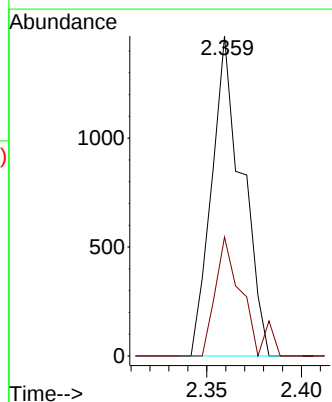
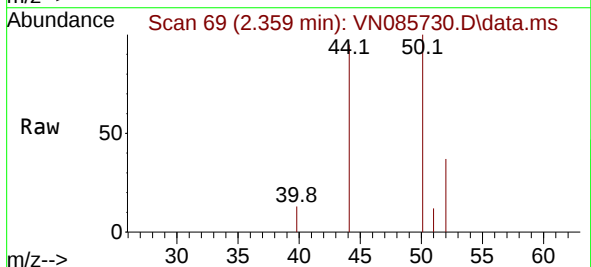
Instrument :
MSVOA_N
ClientSampleId :

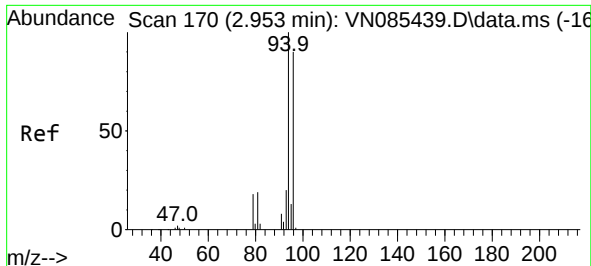
Tgt Ion:168 Resp: 215052
Ion Ratio Lower Upper
168 100
99 62.1 53.6 80.4



#3
Chloromethane
Concen: 0.521 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

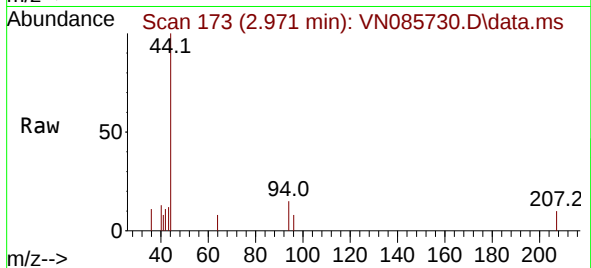
Tgt Ion: 50 Resp: 1641
Ion Ratio Lower Upper
50 100
52 37.2 27.0 40.6



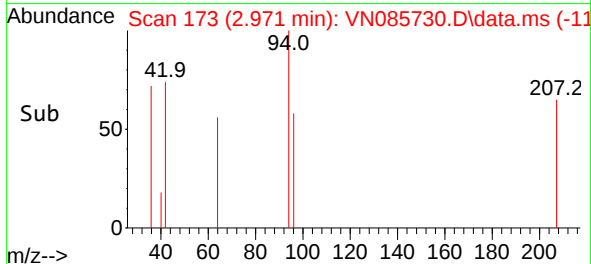
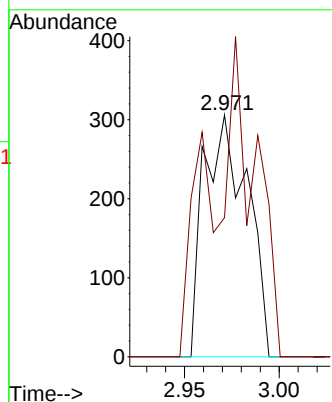


#5
Bromomethane
Concen: 0.256 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

Instrument :
MSVOA_N
ClientSampleId :

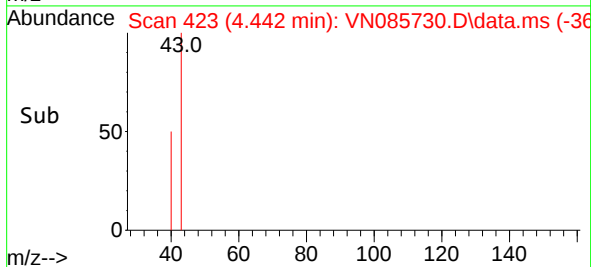
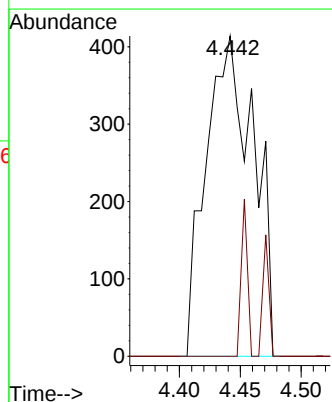
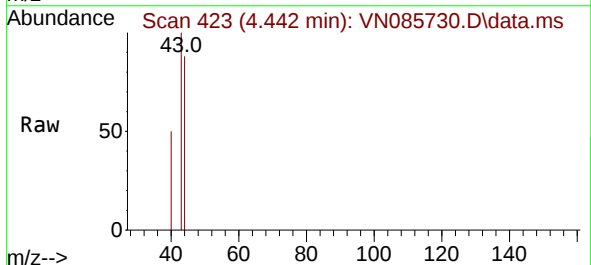


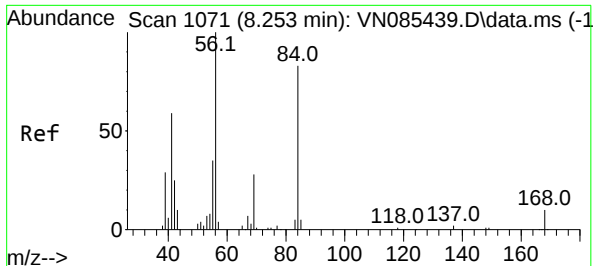
Tgt Ion: 94 Resp: 490
Ion Ratio Lower Upper
94 100
96 57.5 71.8 107.6#



#16
Acetone
Concen: 1.001 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.023 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

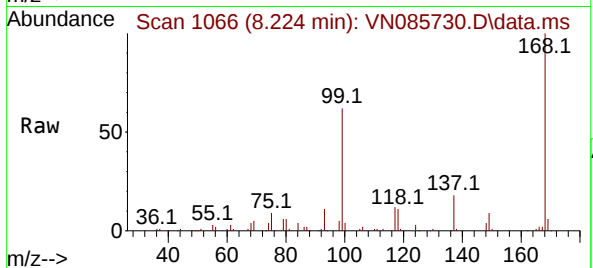
Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



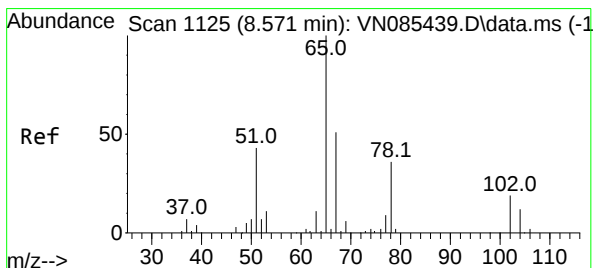
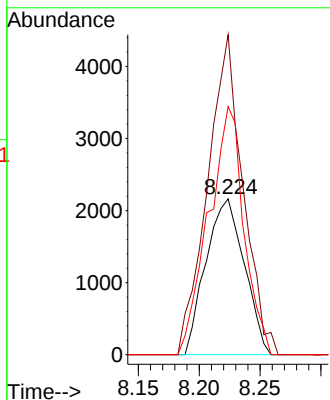
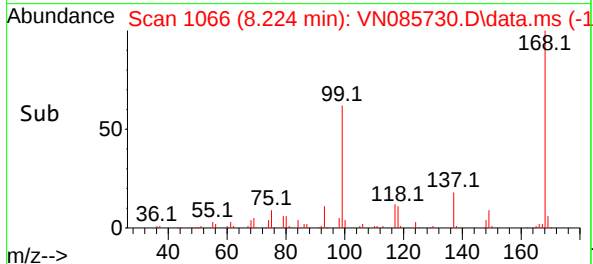


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

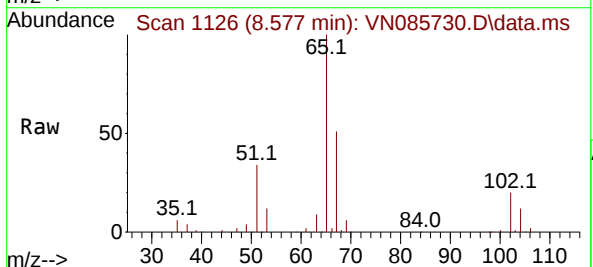
Instrument :
MSVOA_N
ClientSampleId :



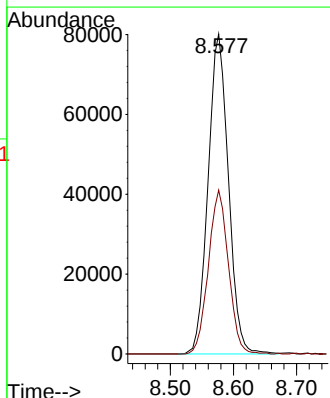
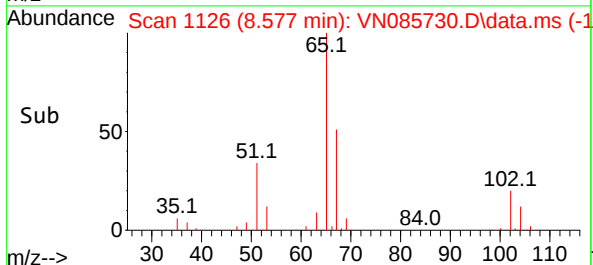
Tgt Ion: 56 Resp: 4743
Ion Ratio Lower Upper
56 100
69 205.4 22.2 33.4#
84 159.2 66.4 99.6#

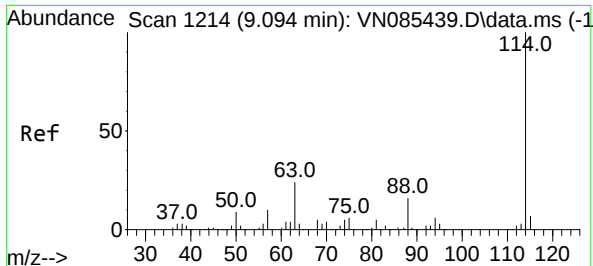


#33
1,2-Dichloroethane-d4
Concen: 51.638 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47



Tgt Ion: 65 Resp: 179256
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: VN085730.D

Acq: 10 Feb 2025 17:47

Instrument :

MSVOA_N

ClientSampleId :

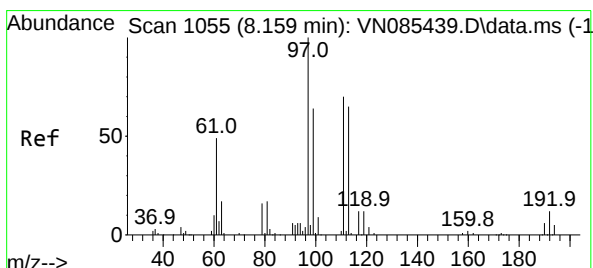
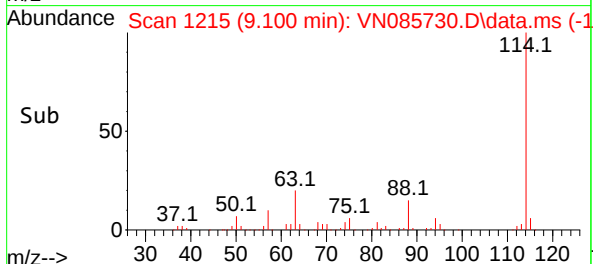
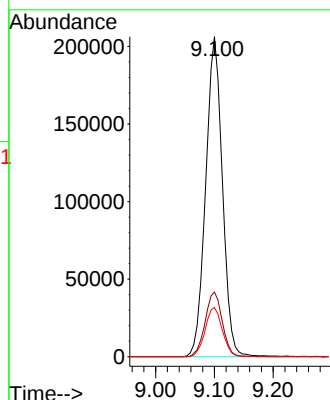
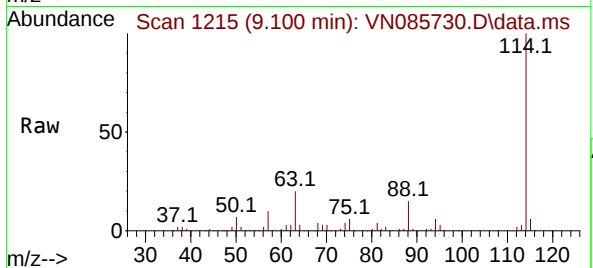
Tgt Ion:114 Resp: 406991

Ion Ratio Lower Upper

114 100

63 20.2 0.0 47.6

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.865 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085730.D

Acq: 10 Feb 2025 17:47

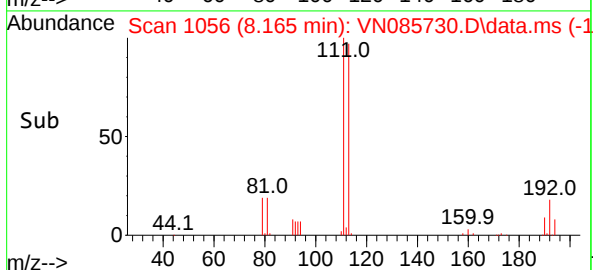
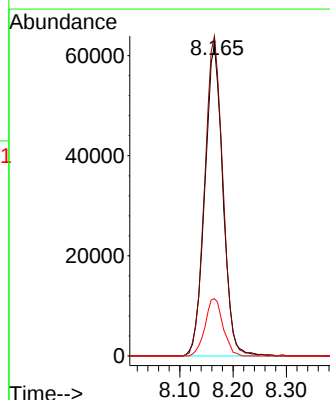
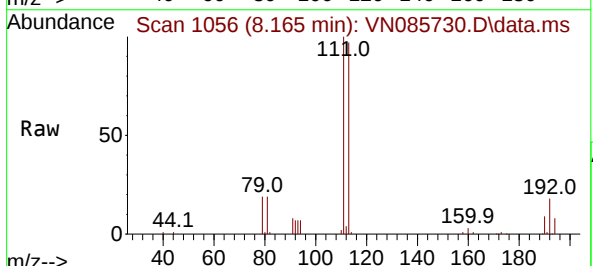
Tgt Ion:113 Resp: 146442

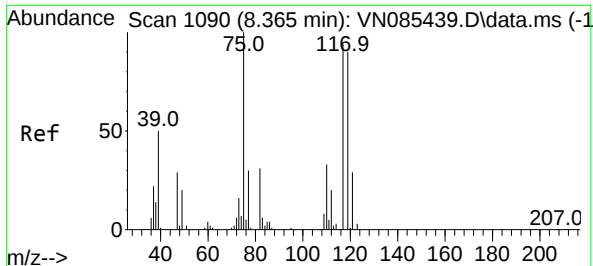
Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 18.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.879 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085730.D

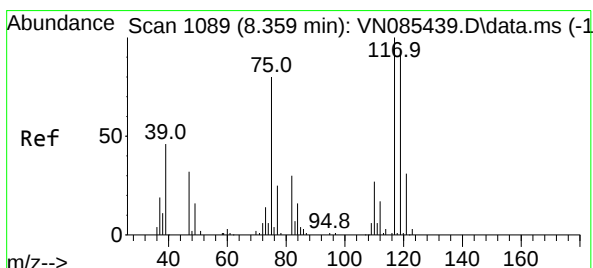
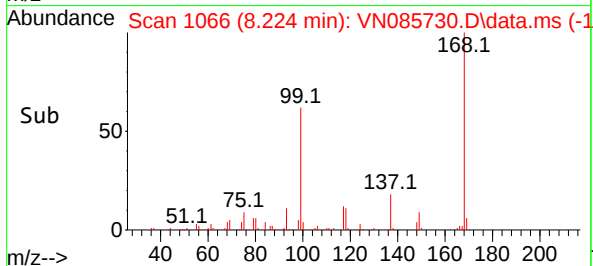
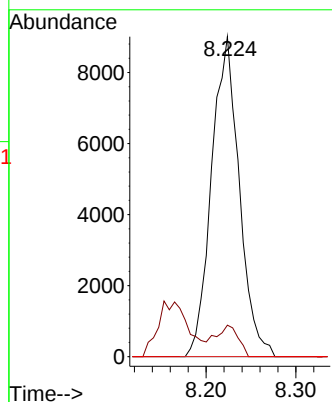
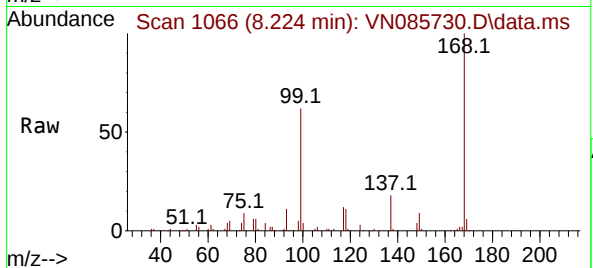
Acq: 10 Feb 2025 17:47

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	19333
Ion Ratio	Lower	Upper	
75	100		
110	8.0	16.5	49.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.179 ug/l

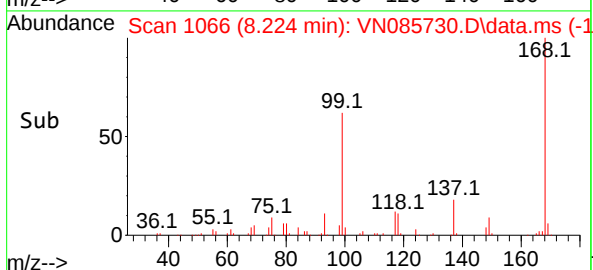
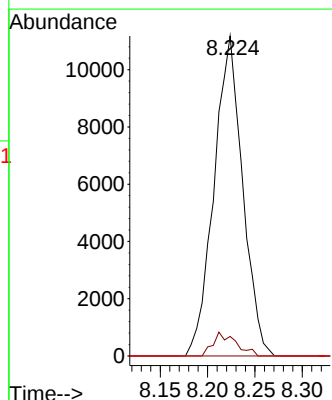
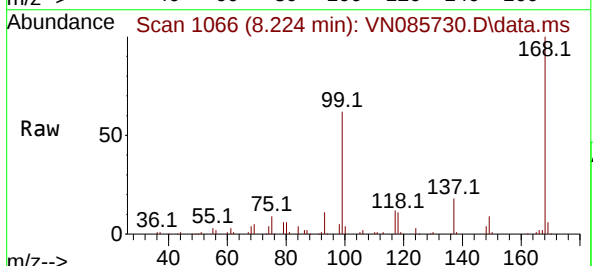
RT: 8.224 min Scan# 1066

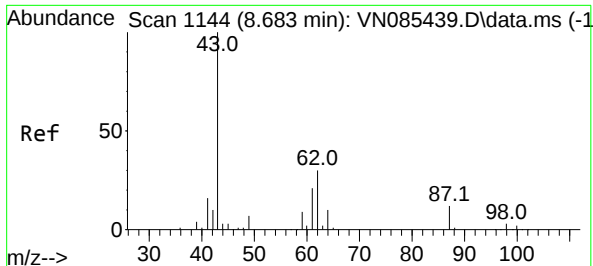
Delta R.T. -0.135 min

Lab File: VN085730.D

Acq: 10 Feb 2025 17:47

Tgt Ion:	117	Resp:	23497
Ion Ratio	Lower	Upper	
117	100		
119	6.1	75.4	113.2#
121	0.0	24.6	37.0#

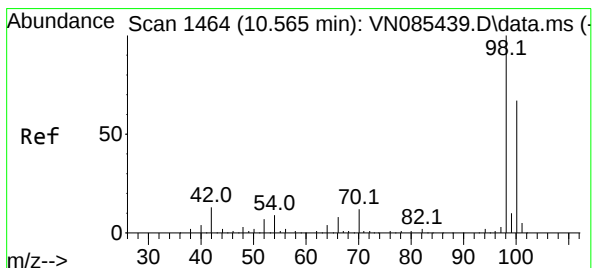
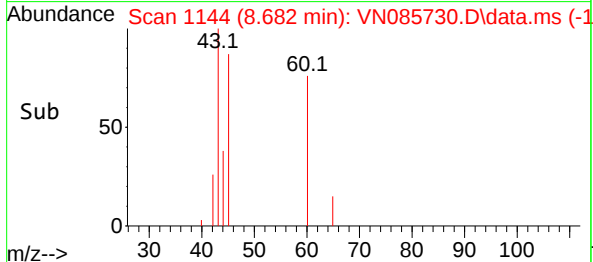
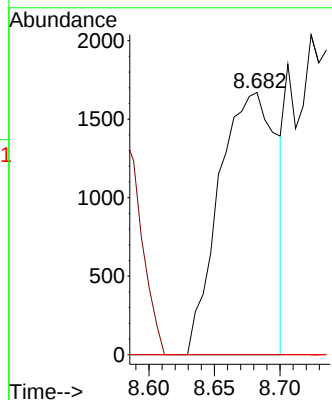
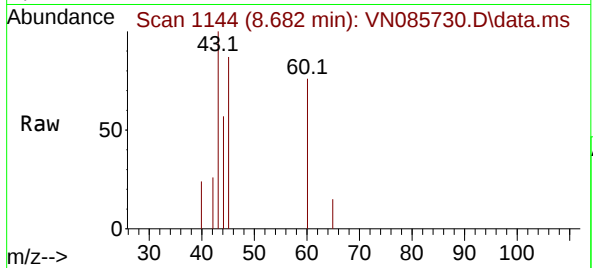




#43
Isopropyl Acetate
Concen: 0.794 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

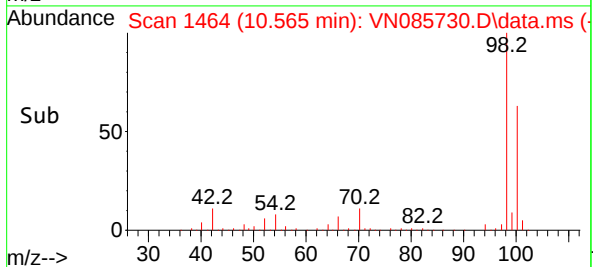
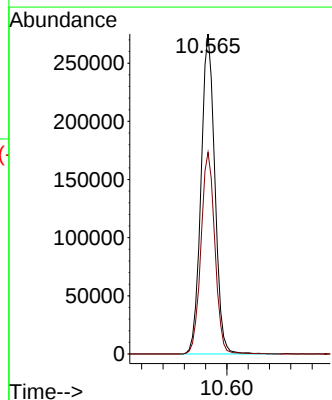
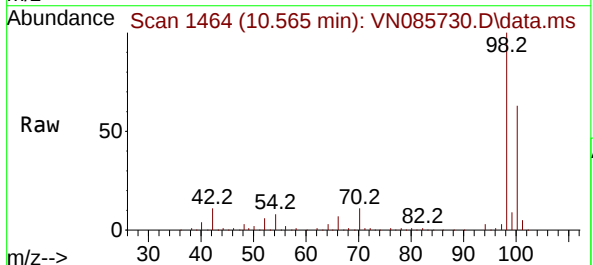
Instrument :
MSVOA_N
ClientSampleId :

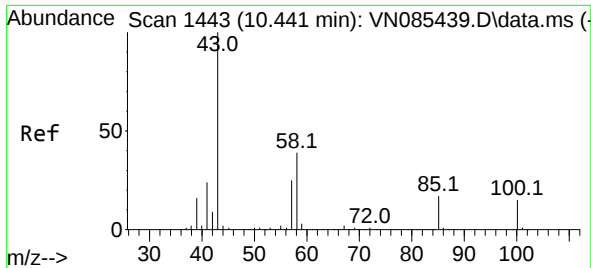
Tgt Ion: 43 Resp: 5091
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 49.334 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

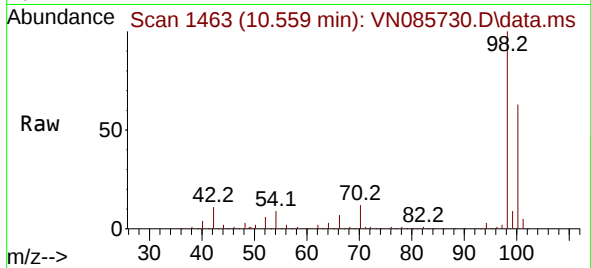
Tgt Ion: 98 Resp: 494912
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.4



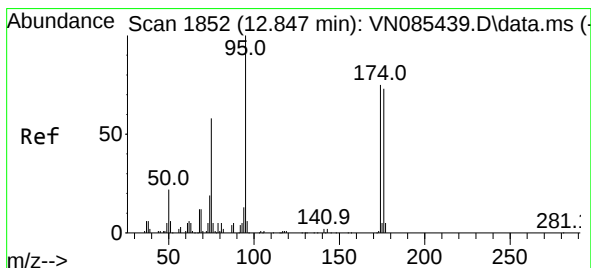
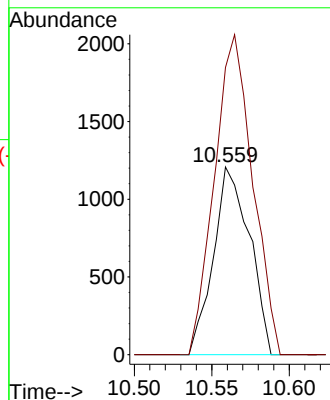
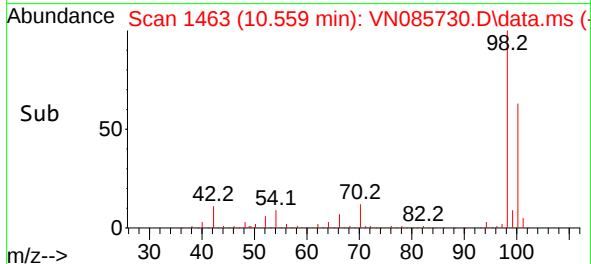


#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

Instrument :
MSVOA_N
ClientSampleId :

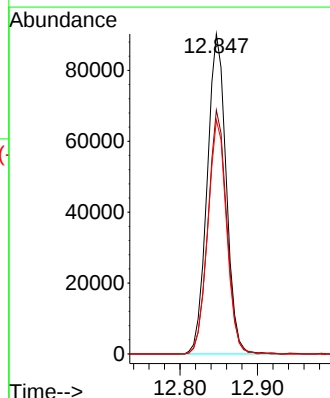
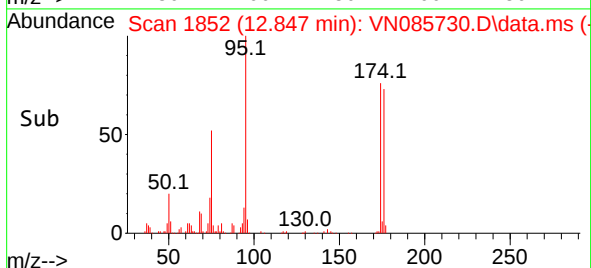
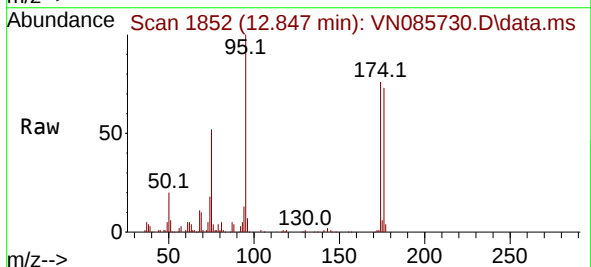


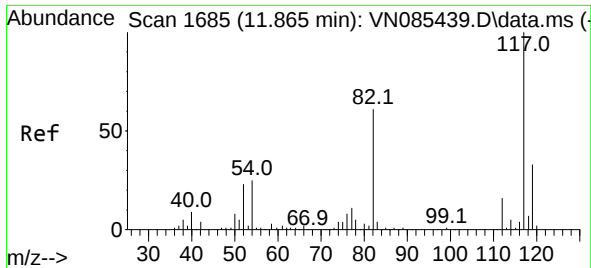
Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 180.7 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 44.688 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

Tgt Ion: 95 Resp: 153355
Ion Ratio Lower Upper
95 100
174 75.5 0.0 145.0
176 72.4 0.0 142.4

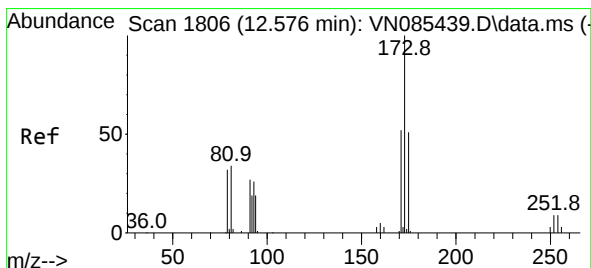
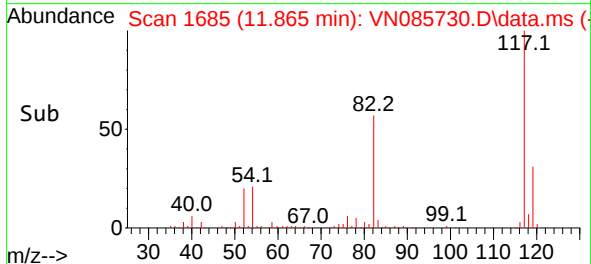
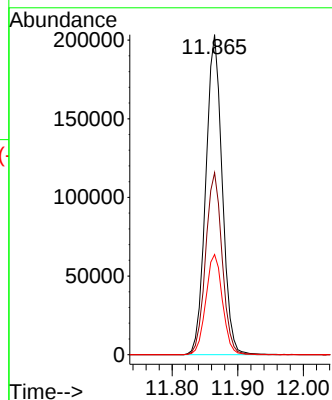
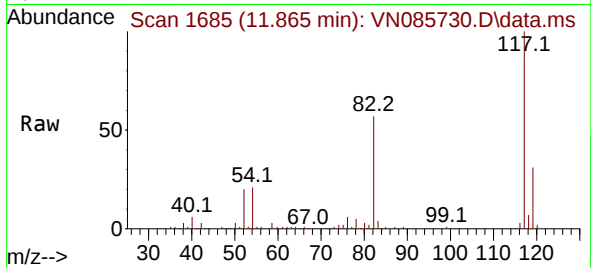




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

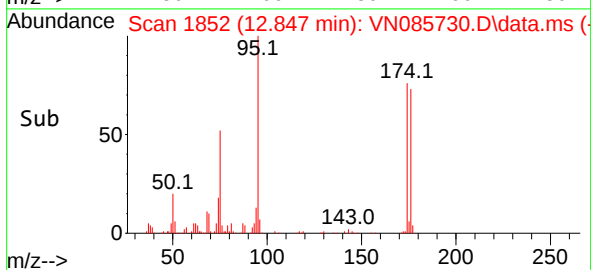
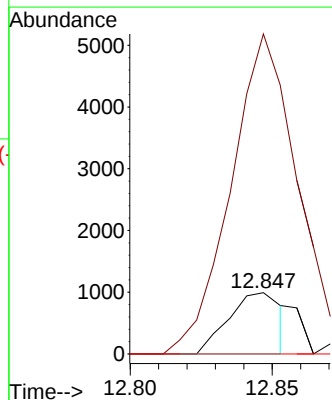
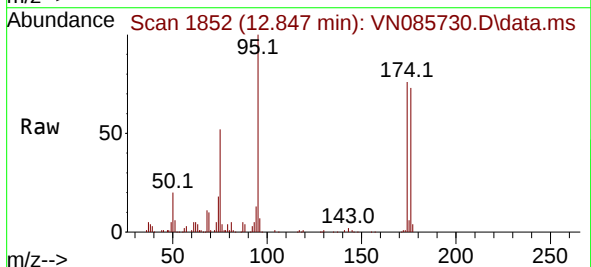
Instrument :
MSVOA_N
ClientSampleId :

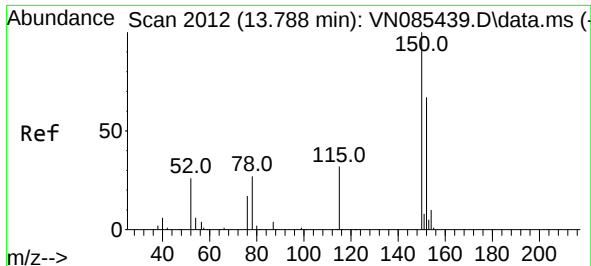
Tgt Ion:117 Resp: 354283
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 31.3 26.6 39.8



#71
Bromoform
Concen: 0.628 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN085730.D
Acq: 10 Feb 2025 17:47

Tgt Ion:173 Resp: 1280
Ion Ratio Lower Upper
173 100
175 512.3 24.4 73.2#
254 0.0 0.0 0.0

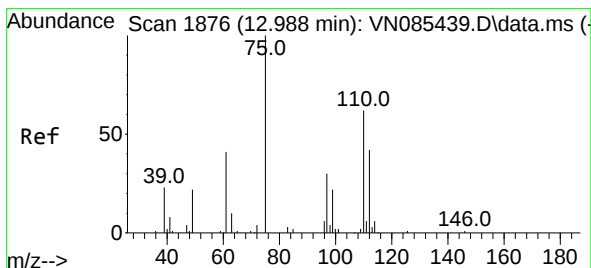
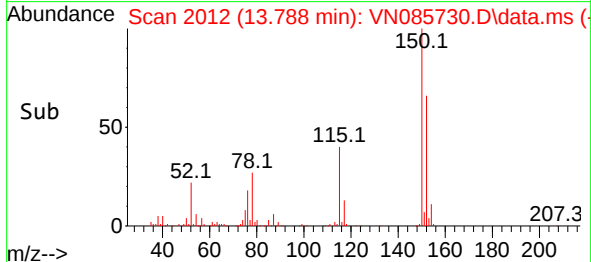
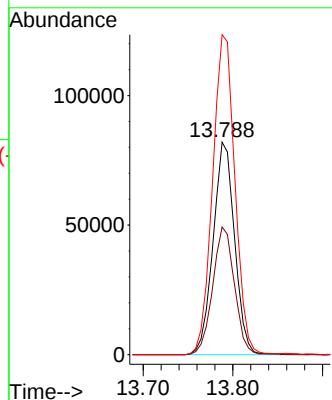
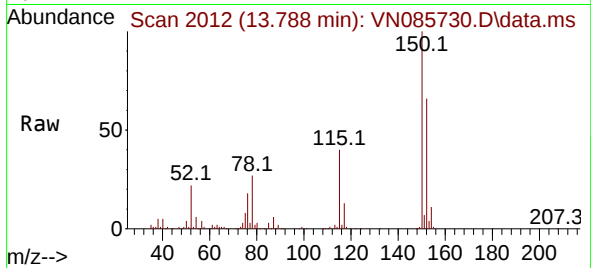




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085730.D
 Acq: 10 Feb 2025 17:47

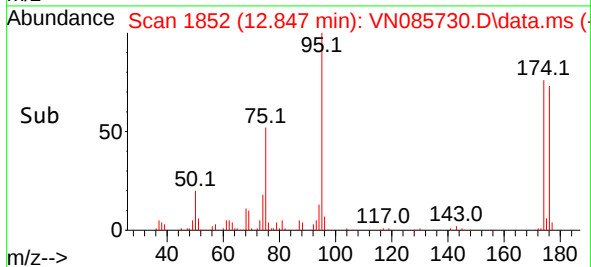
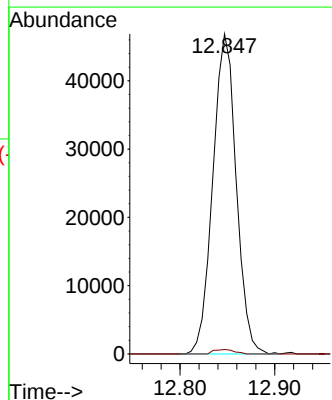
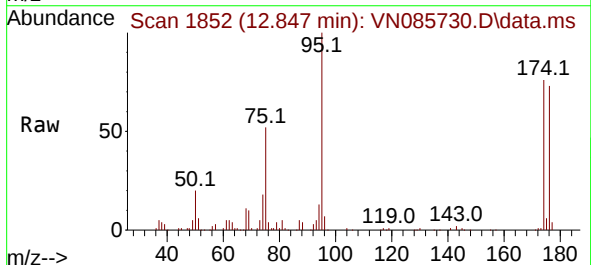
Instrument :
 MSVOA_N
 ClientSampleId :

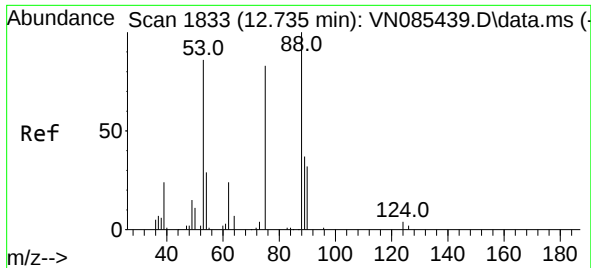
Tgt Ion:152 Resp: 136368
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.1 93.3
 150 156.6 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 29.009 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085730.D
 Acq: 10 Feb 2025 17:47

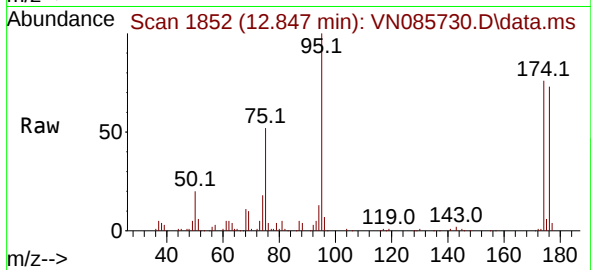
Tgt Ion: 75 Resp: 80404
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.485 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085730.D
 Acq: 10 Feb 2025 17:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 80404
 Ion Ratio Lower Upper
 75 100
 53 0.2 95.6 143.4#
 89 0.0 37.0 55.6#

