

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083937.D
 Acq On : 17 Sep 2024 11:54
 Operator : JC\MD
 Sample : P3970-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:45:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

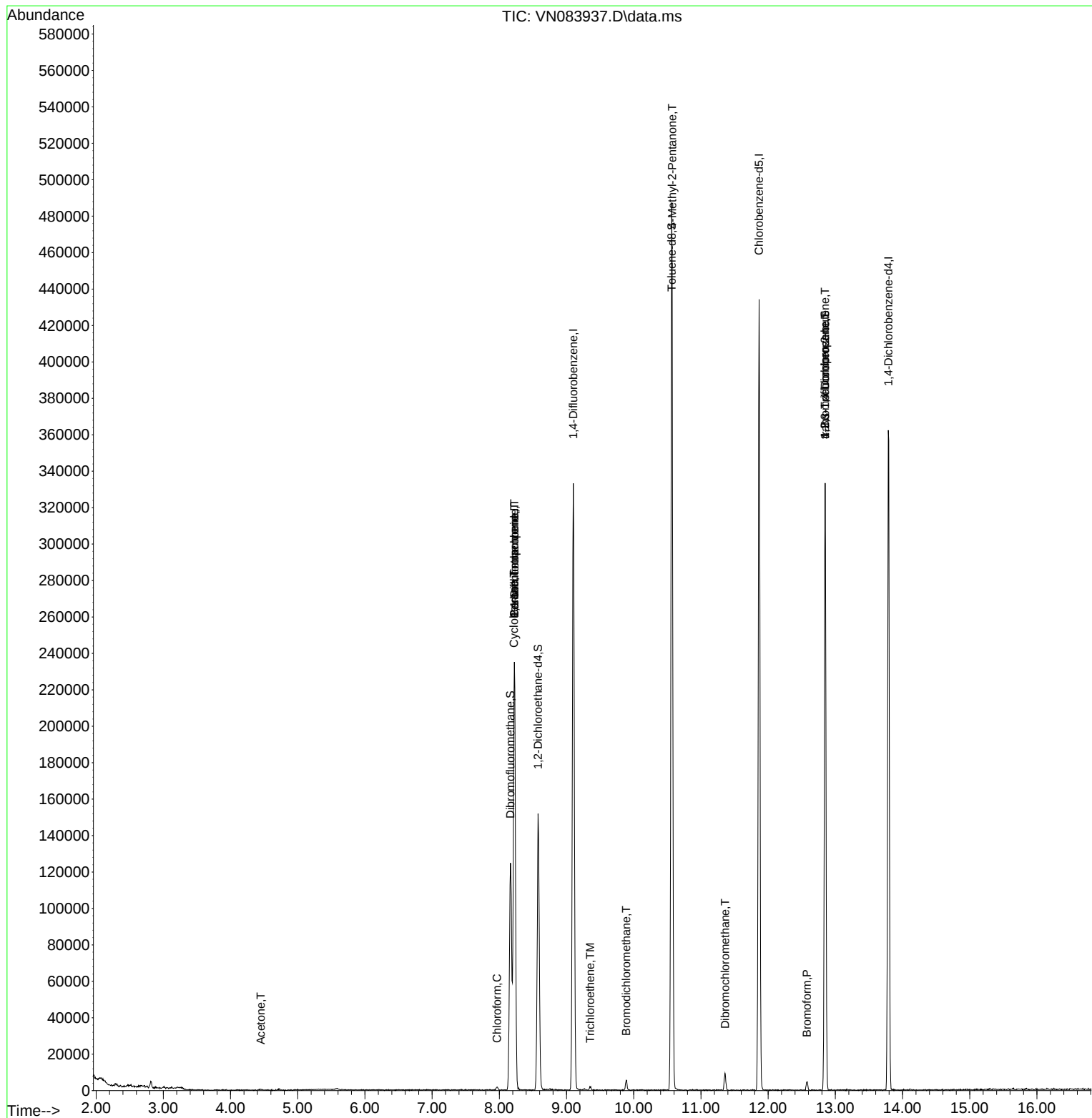
Internal Standards						
1) Pentafluorobenzene	8.224	168	161015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124130	51.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.260%	
35) Dibromofluoromethane	8.165	113	89968	51.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.760%	
50) Toluene-d8	10.565	98	319944	52.857	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.847	95	112674	45.118	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	438	Below Cal	#	42
16) Acetone	4.448	43	895	0.920	ug/l #	45
30) Chloroform	7.965	83	1704	0.436	ug/l	87
31) Cyclohexane	8.218	56	4398	1.253	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	14690	5.574	ug/l #	52
38) Carbon Tetrachloride	8.224	117	18522	6.195	ug/l #	16
44) Trichloroethene	9.353	130	680	0.370	ug/l	82
47) Bromodichloromethane	9.888	83	3890	1.339	ug/l #	89
51) 4-Methyl-2-Pentanone	10.571	43	1647	0.698	ug/l #	1
60) Dibromochloromethane	11.359	129	5039	2.486	ug/l	98
71) Bromoform	12.576	173	2408	2.044	ug/l #	89
76) 1,2,3-Trichloropropane	12.847	75	63000	34.396	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63000	90.086	ug/l #	9

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

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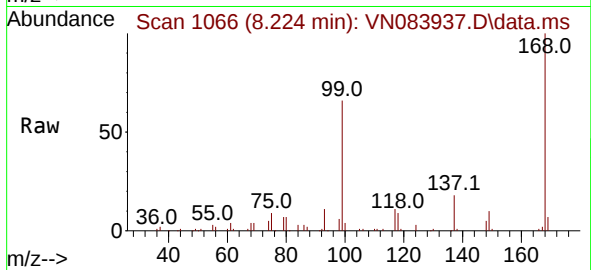
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



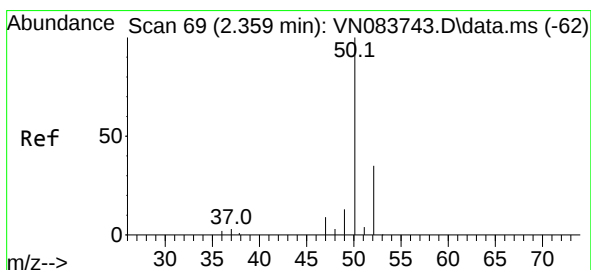
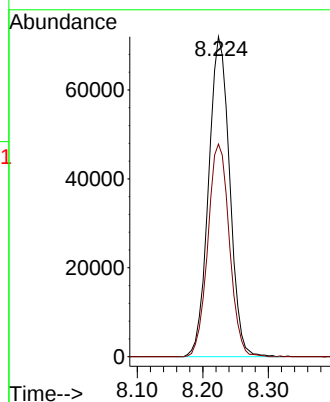
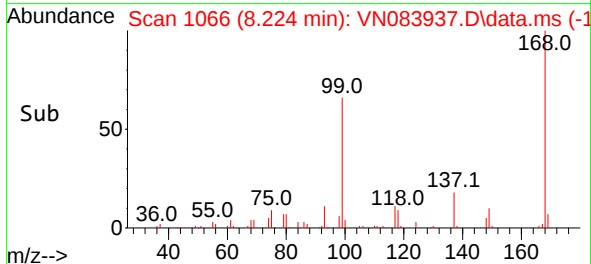


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

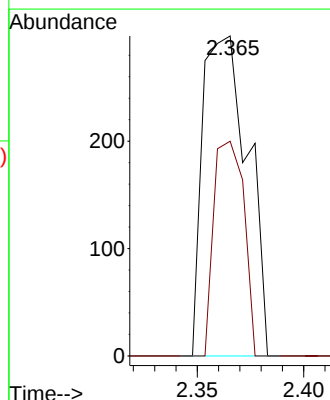
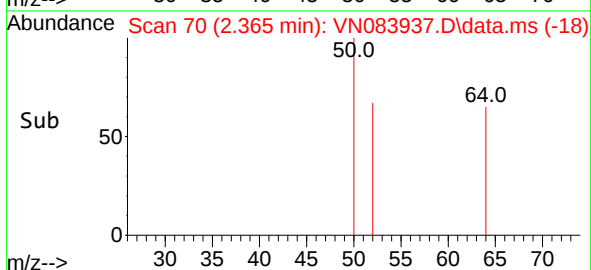
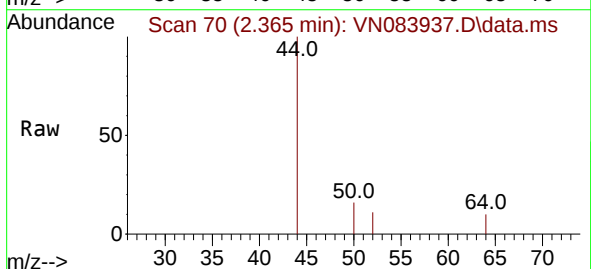


Tgt Ion:168 Resp: 161015
Ion Ratio Lower Upper
168 100
99 66.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion: 50 Resp: 438
Ion Ratio Lower Upper
50 100
52 67.1 27.2 40.8#

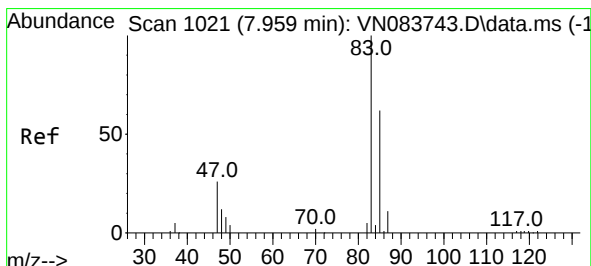
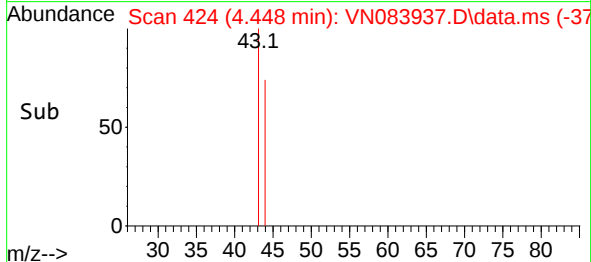
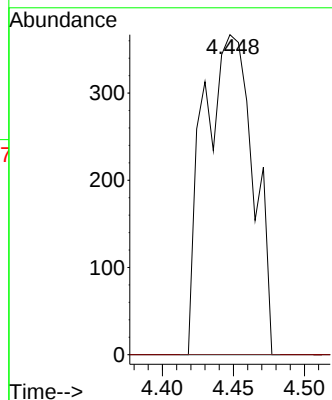
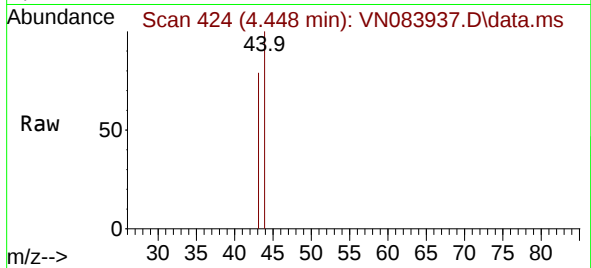




#16
Acetone
Concen: 0.920 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

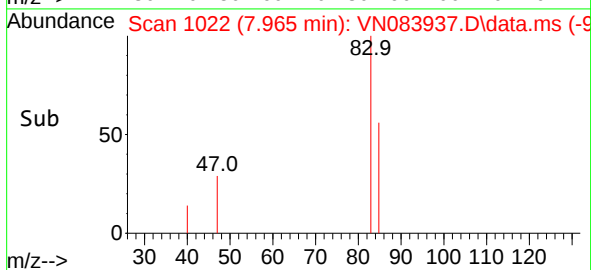
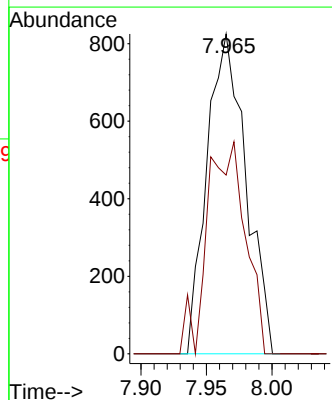
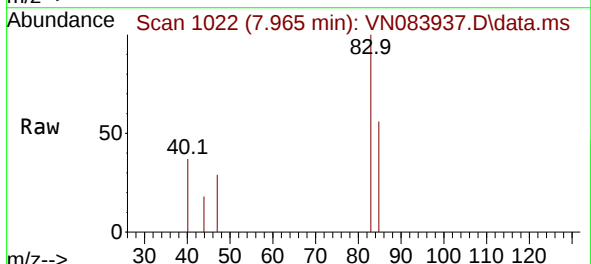
Instrument :
MSVOA_N
ClientSampleId :

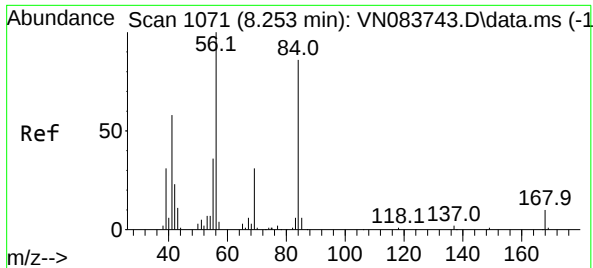
Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#30
Chloroform
Concen: 0.436 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

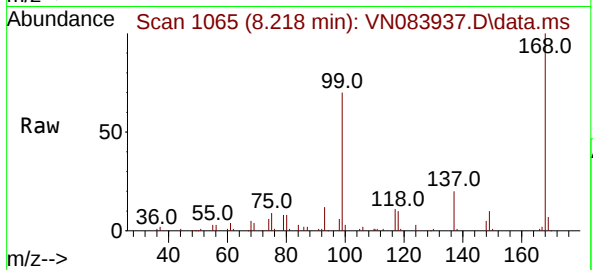
Tgt Ion: 83 Resp: 1704
Ion Ratio Lower Upper
83 100
85 55.9 52.8 79.2



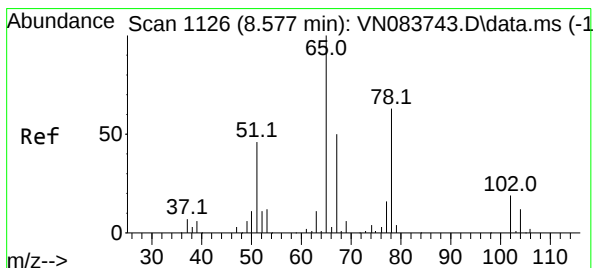
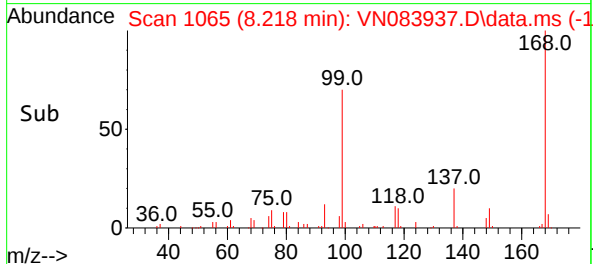
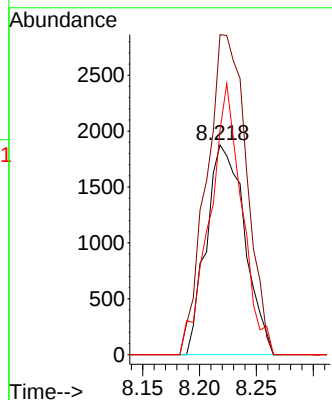


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

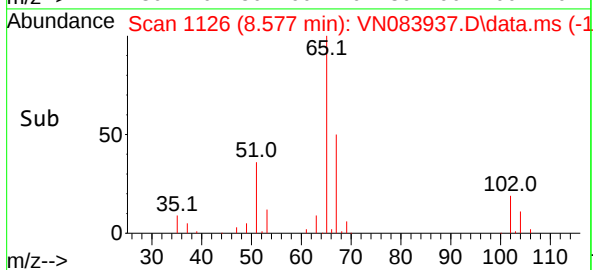
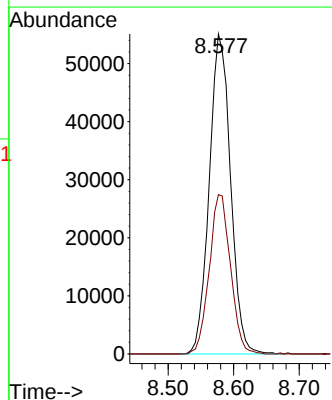
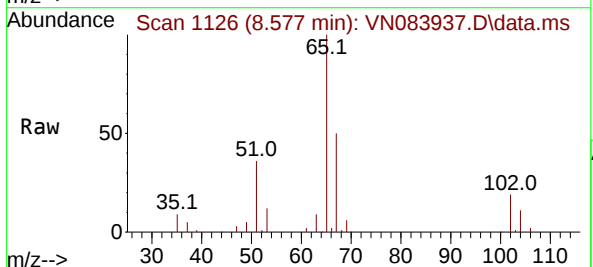


Tgt Ion: 56 Resp: 4398
Ion Ratio Lower Upper
56 100
69 152.6 26.9 40.3#
84 107.0 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.127 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion: 65 Resp: 124130
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083937.D

Acq: 17 Sep 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

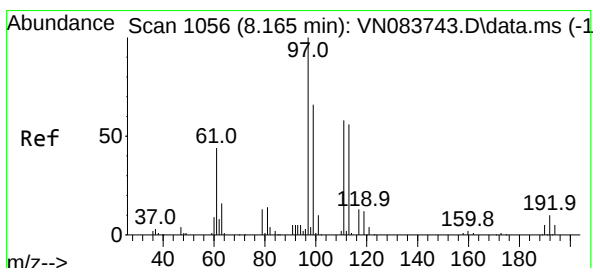
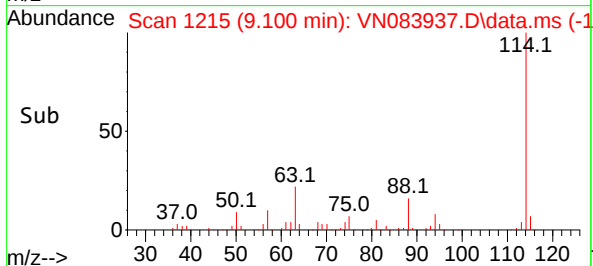
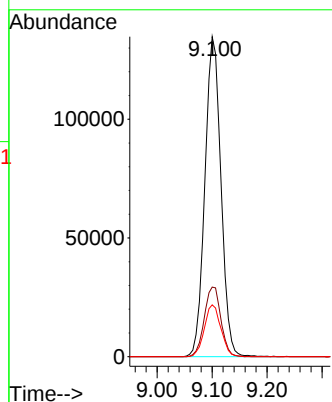
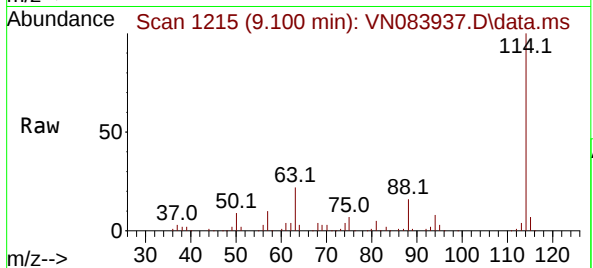
Tgt Ion:114 Resp: 273502

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.383 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083937.D

Acq: 17 Sep 2024 11:54

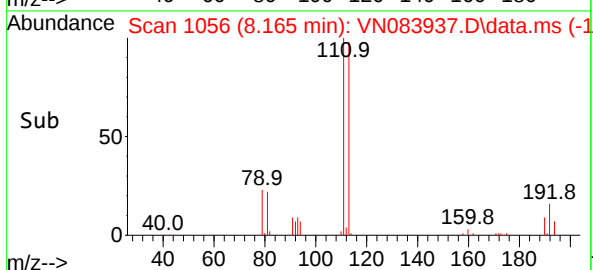
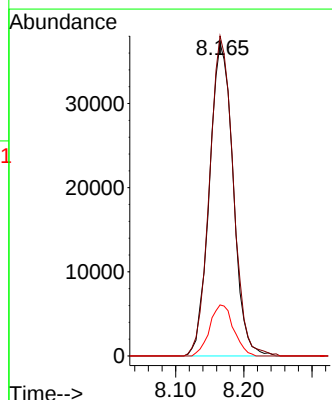
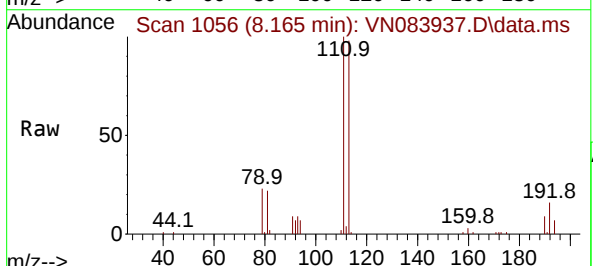
Tgt Ion:113 Resp: 89968

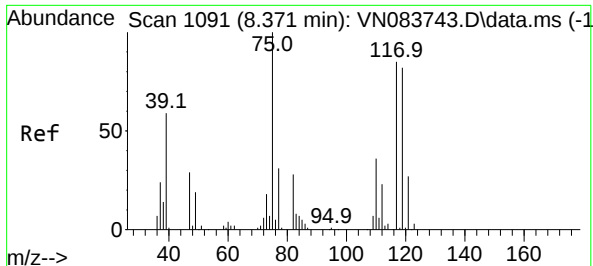
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 16.4 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.574 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

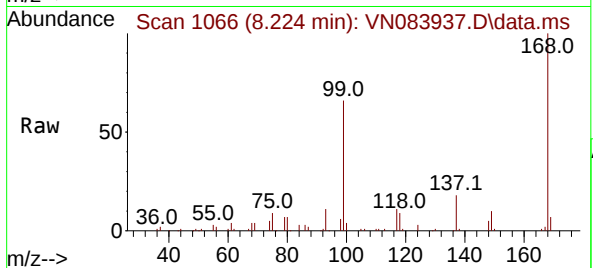
Lab File: VN083937.D

Acq: 17 Sep 2024 11:54

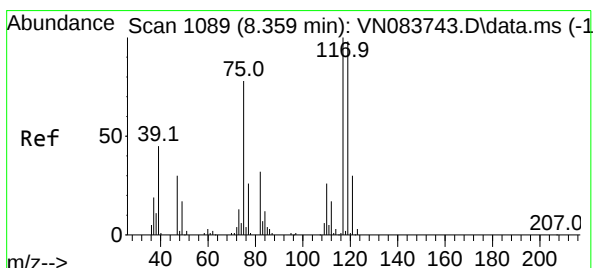
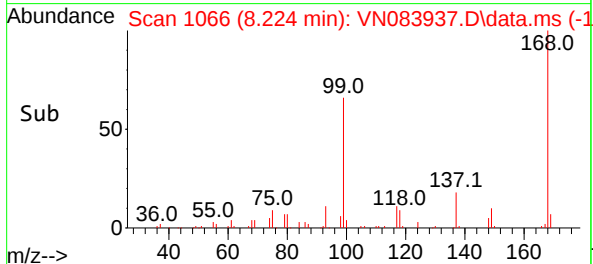
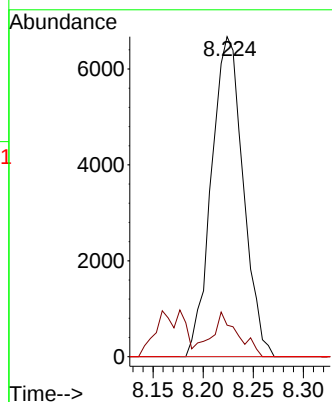
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14690
Ion Ratio	Lower	Upper	
75	100		
110	11.1	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.195 ug/l

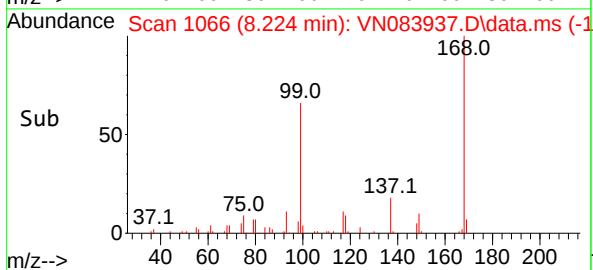
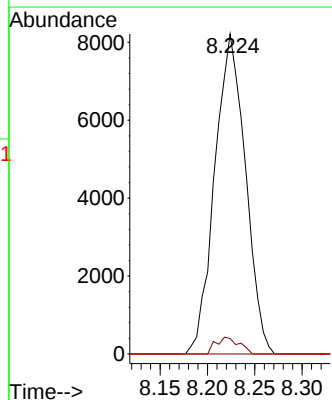
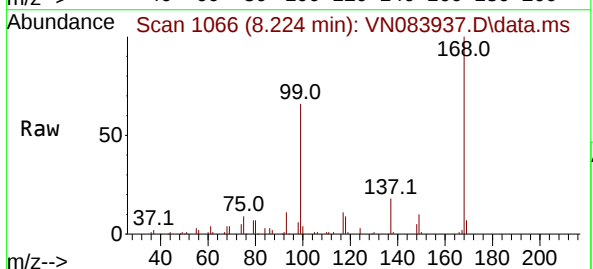
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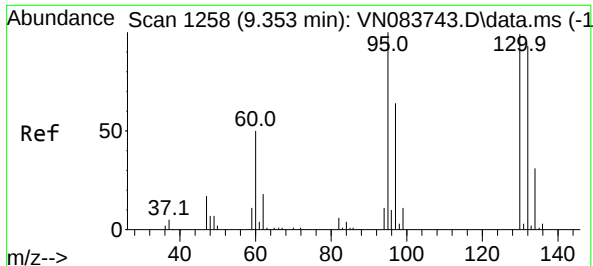
Delta R.T. -0.135 min

Lab File: VN083937.D

Acq: 17 Sep 2024 11:54

Tgt Ion:	117	Resp:	18522
Ion Ratio	Lower	Upper	
117	100		
119	4.8	76.1	114.1#
121	0.0	24.1	36.1#

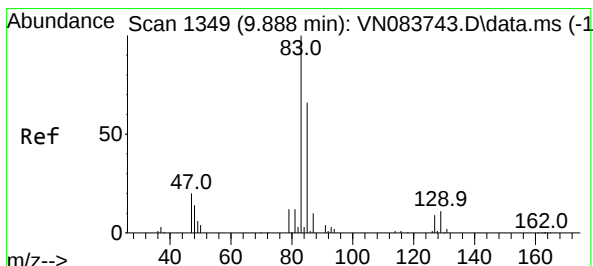
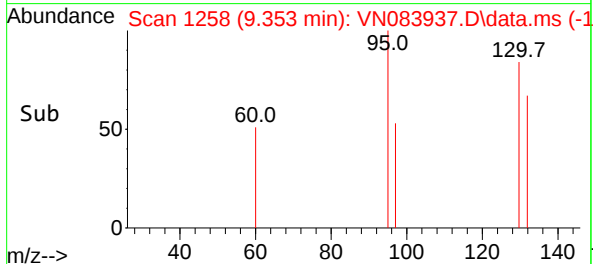
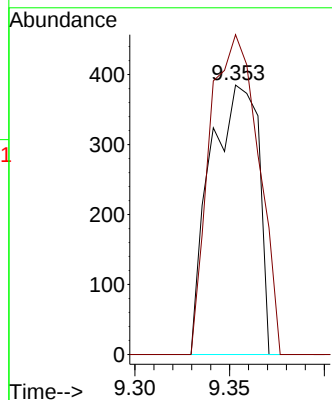
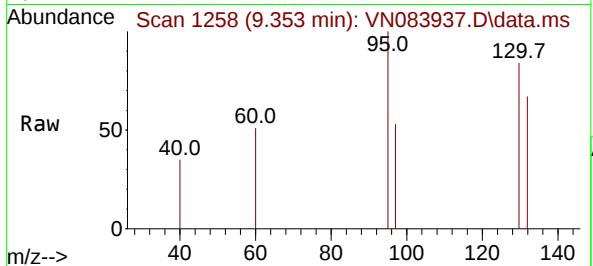




#44
Trichloroethene
Concen: 0.370 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

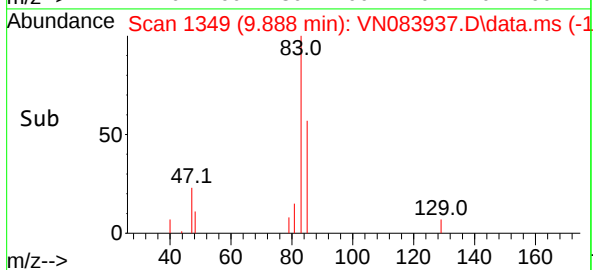
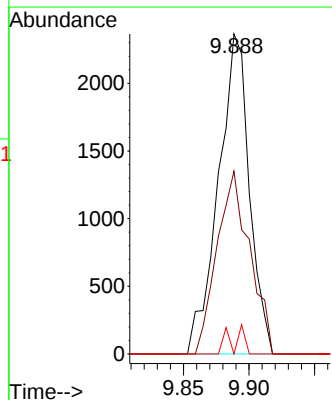
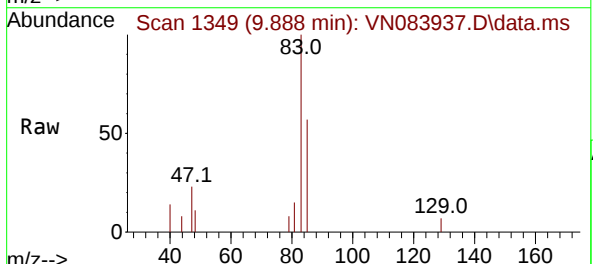
Instrument :
MSVOA_N
ClientSampleId :

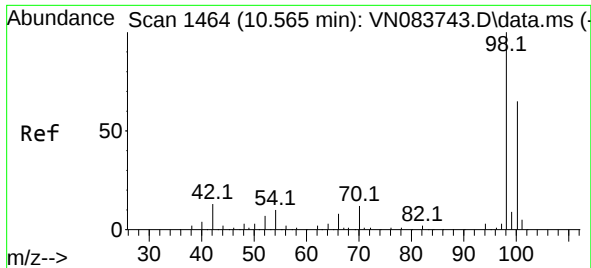
Tgt Ion:130 Resp: 680
Ion Ratio Lower Upper
130 100
95 118.7 0.0 200.4



#47
Bromodichloromethane
Concen: 1.339 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion: 83 Resp: 3890
Ion Ratio Lower Upper
83 100
85 57.1 51.8 77.8
127 0.0 6.6 9.8#

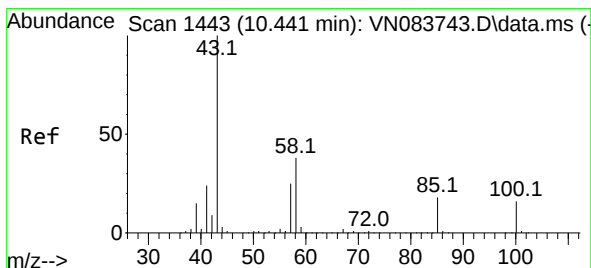
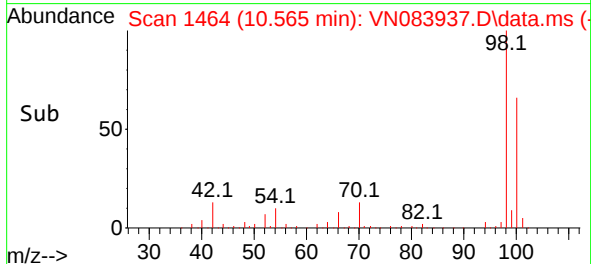
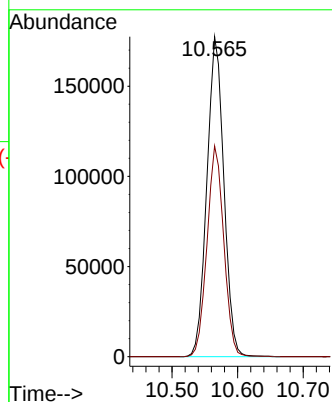
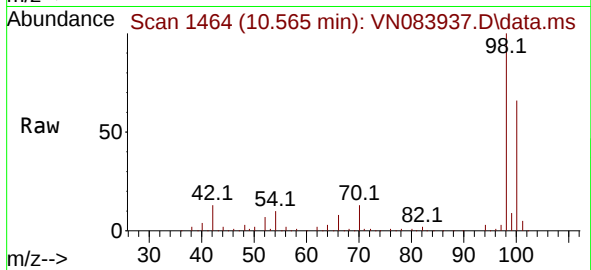




#50
Toluene-d8
Concen: 52.857 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

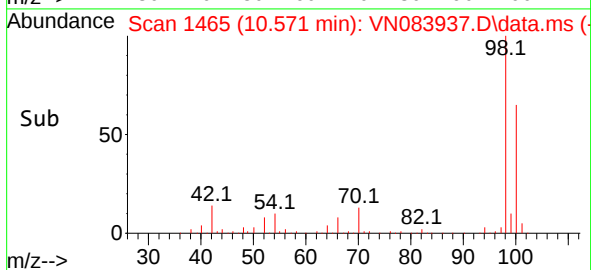
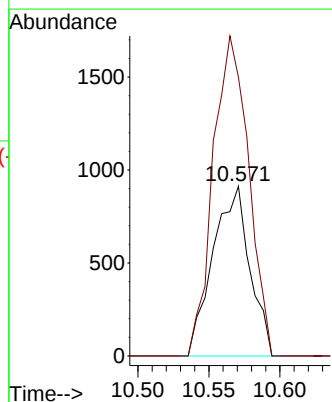
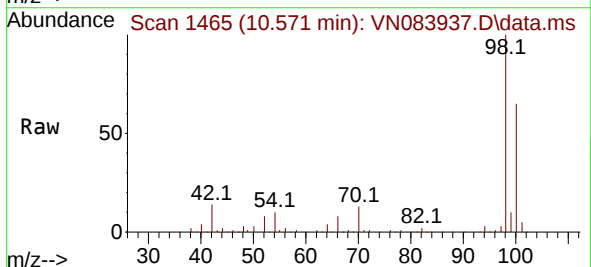
Instrument :
MSVOA_N
ClientSampleId :

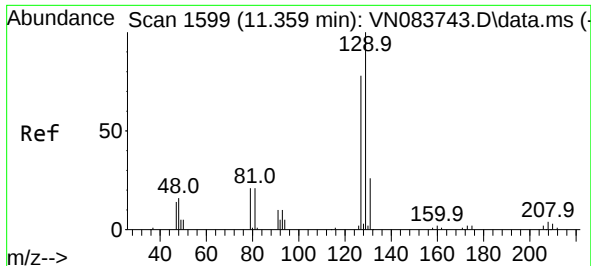
Tgt Ion: 98 Resp: 319944
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.698 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.130 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
58 181.9 31.6 47.4#

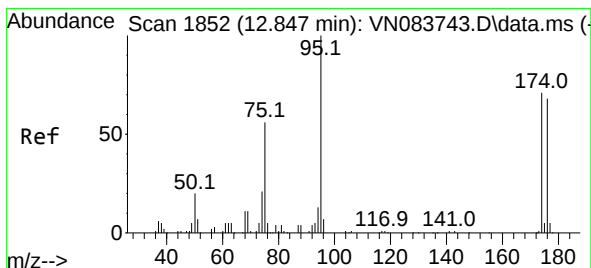
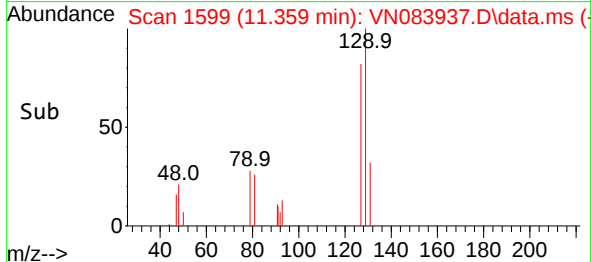
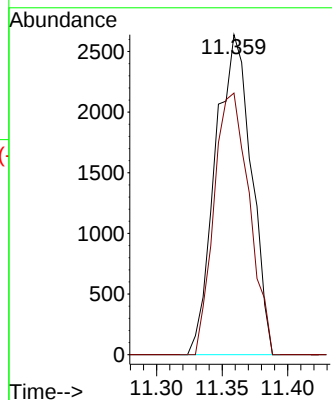
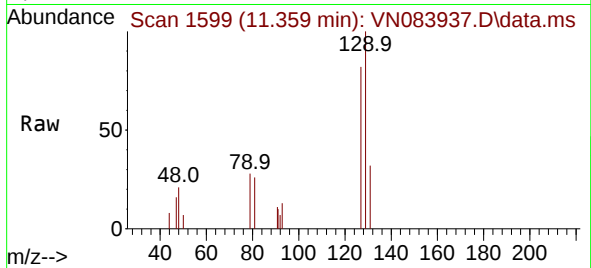




#60
Dibromochloromethane
Concen: 2.486 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

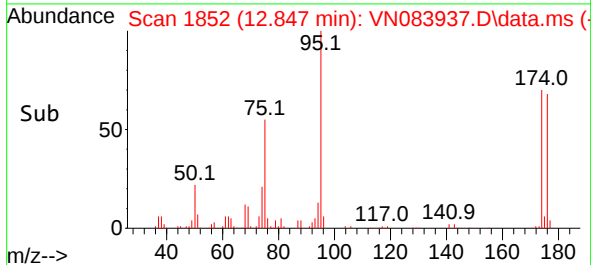
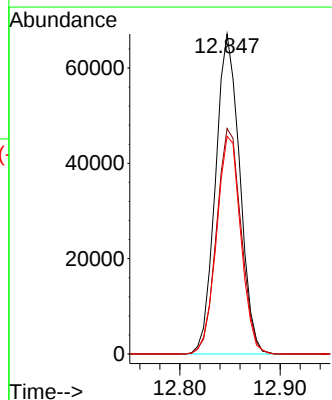
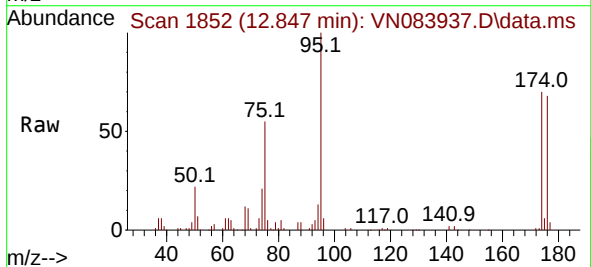
Instrument :
MSVOA_N
ClientSampleId :

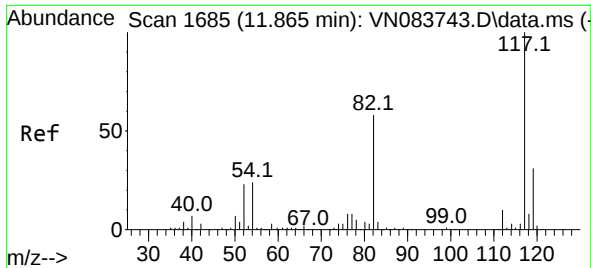
Tgt Ion:129 Resp: 5039
Ion Ratio Lower Upper
129 100
127 80.0 39.0 116.9



#62
4-Bromofluorobenzene
Concen: 45.118 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion: 95 Resp: 112674
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.3 0.0 131.4

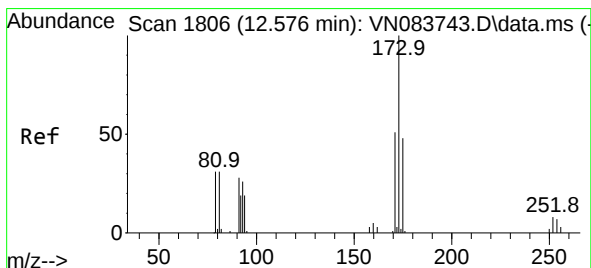
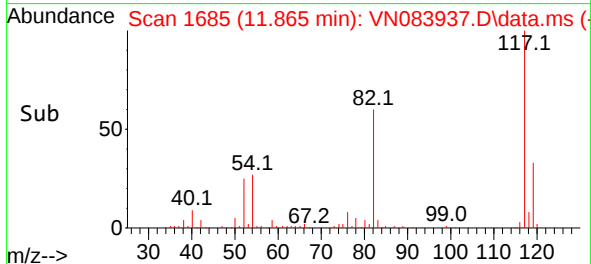
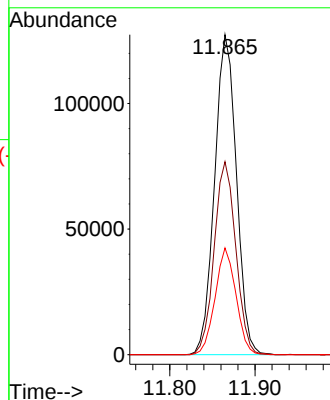
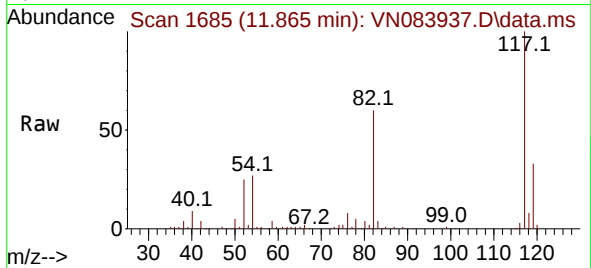




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

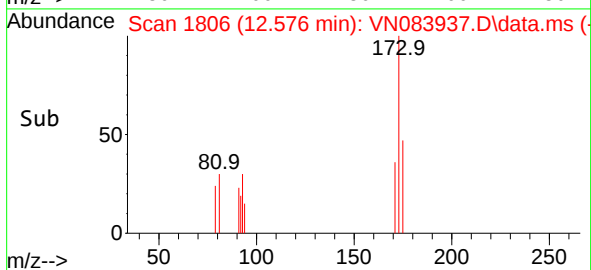
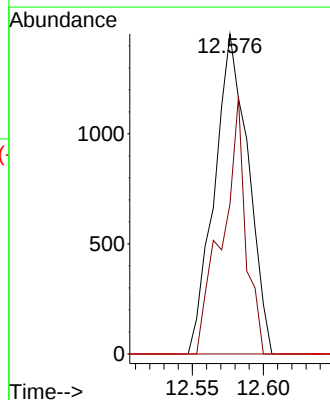
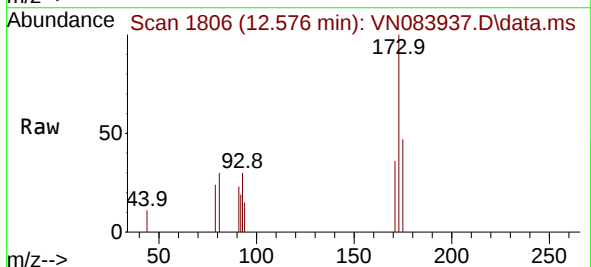
Instrument :
MSVOA_N
ClientSampleId :

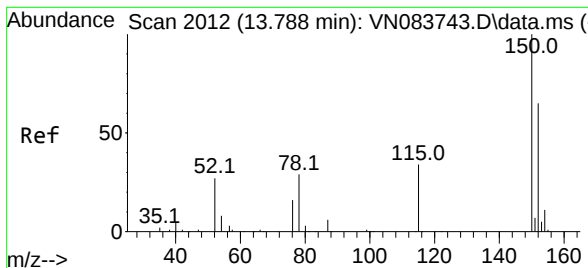
Tgt Ion:117 Resp: 226870
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.0
119 33.3 26.3 39.5



#71
Bromoform
Concen: 2.044 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Tgt Ion:173 Resp: 2408
Ion Ratio Lower Upper
173 100
175 55.4 24.1 72.2
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: VN083937.D

Acq: 17 Sep 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

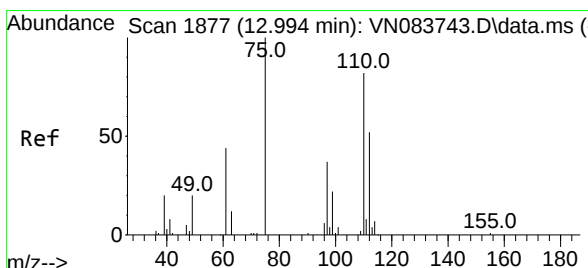
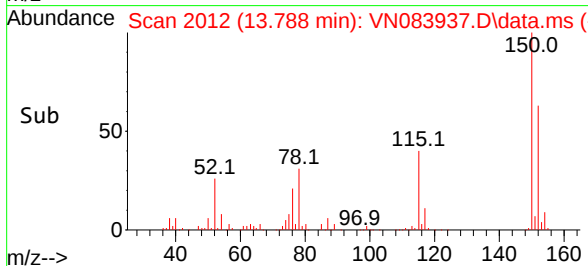
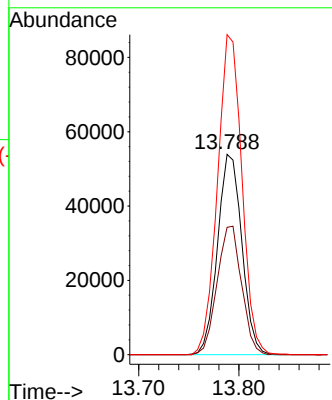
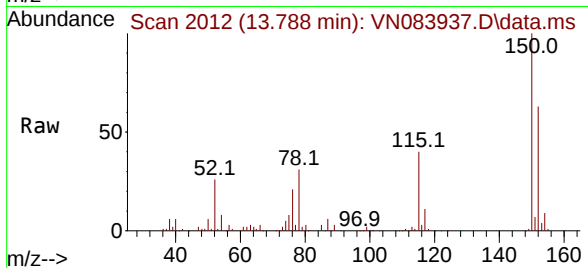
Tgt Ion:152 Resp: 90772

Ion Ratio Lower Upper

152 100

115 64.5 32.2 96.6

150 160.3 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 34.396 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083937.D

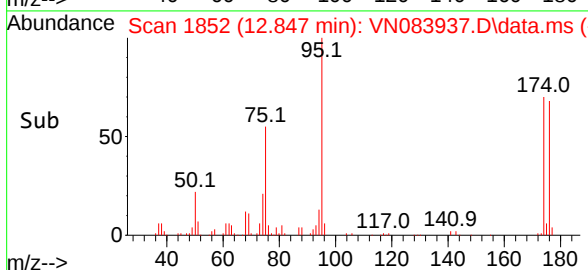
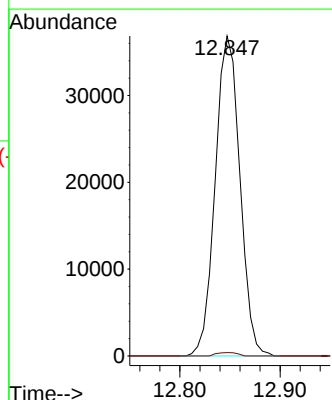
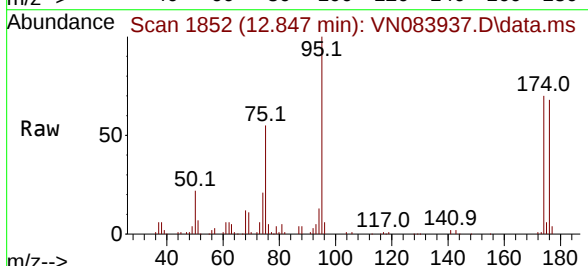
Acq: 17 Sep 2024 11:54

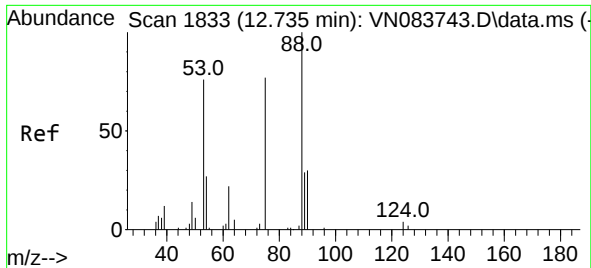
Tgt Ion: 75 Resp: 63000

Ion Ratio Lower Upper

75 100

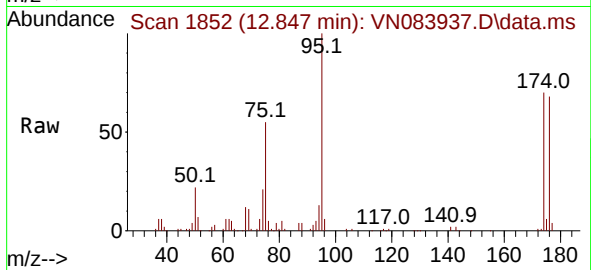
77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.086 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083937.D
Acq: 17 Sep 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 63000
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

