

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077743.D
 Acq On : 18 May 2023 17:53
 Operator : JC\MD
 Sample : 02834-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20230515

Quant Time: May 29 08:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

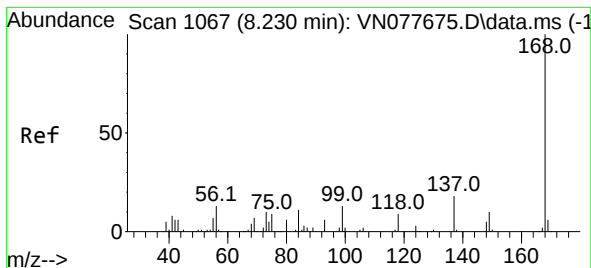
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	368400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	664862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	593497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	213073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	248553	45.091	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.180%		
35) Dibromofluoromethane	8.177	113	208505	48.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	10.576	98	823083	49.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.640%		
62) 4-Bromofluorobenzene	12.859	95	273624	46.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.860%		
Target Compounds						Qvalue
3) Chloromethane	2.377	50	1246	Below Cal		94
5) Bromomethane	2.983	94	1129	0.289 ug/l #		43
13) Acrolein	4.183	56	158	Below Cal #		16
16) Acetone	4.447	43	2744	1.582 ug/l #		84
20) Methylene Chloride	5.294	84	61	Below Cal #		13
31) Cyclohexane	8.229	56	8257	1.102 ug/l #		15
36) 1,1-Dichloropropene	8.235	75	32560	5.135 ug/l #		46
38) Carbon Tetrachloride	8.235	117	40975	6.399 ug/l #		16
44) Trichloroethene	9.365	130	1733	0.366 ug/l		64
76) 1,2,3-Trichloropropane	12.859	75	145446	27.257 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.859	75	145446	87.127 ug/l #		15

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

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

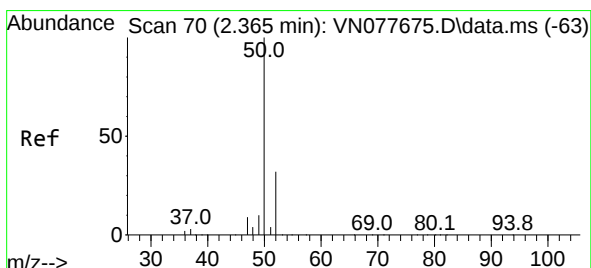
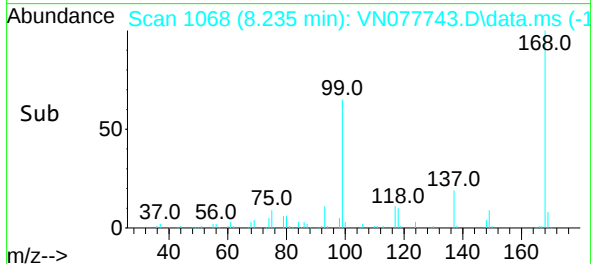
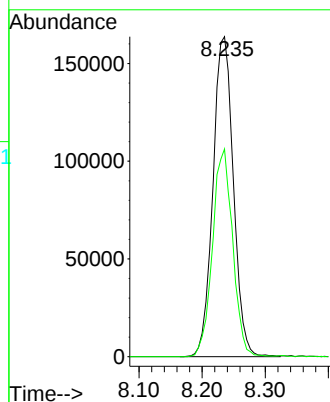
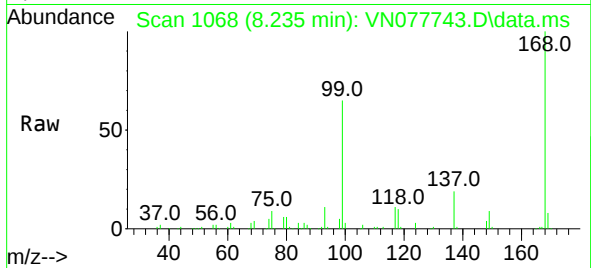




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

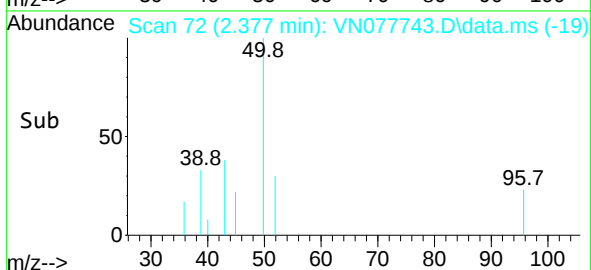
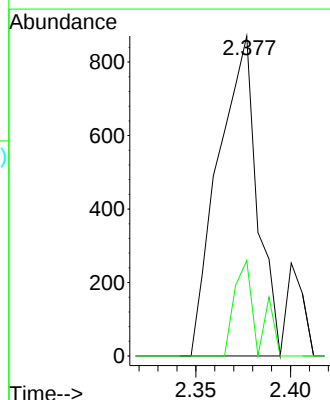
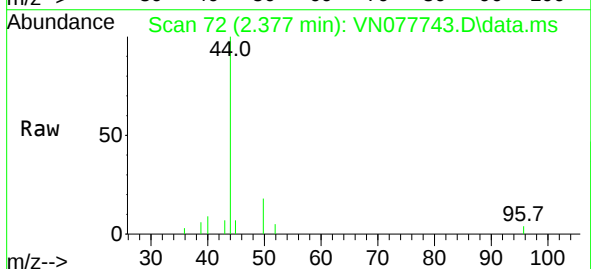
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230515

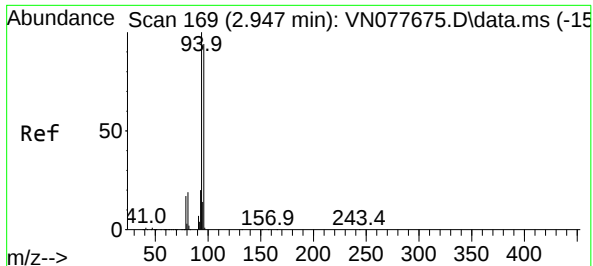
Tgt Ion:168 Resp: 368400
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Tgt Ion: 50 Resp: 1246
Ion Ratio Lower Upper
50 100
52 29.9 26.5 39.7

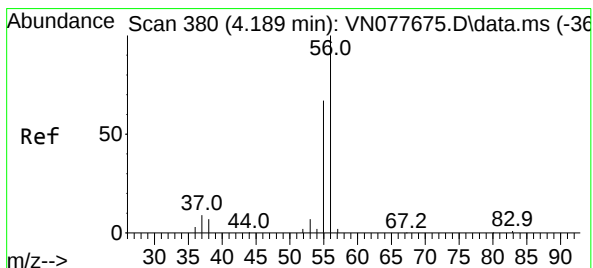
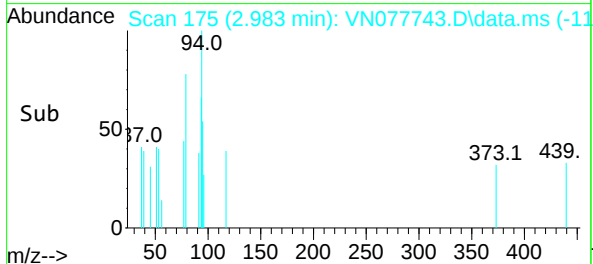
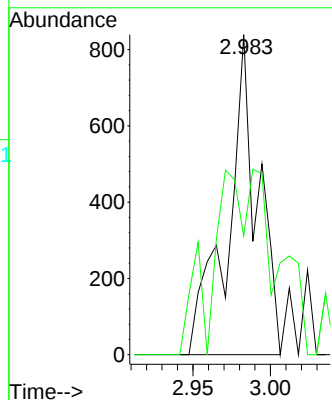
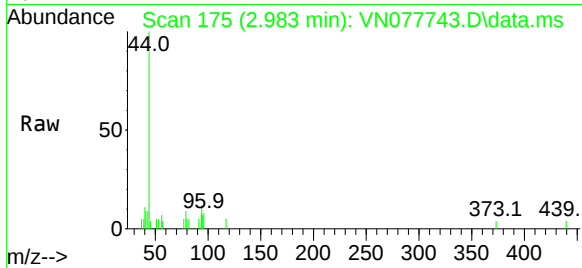




#5
Bromomethane
Concen: 0.289 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

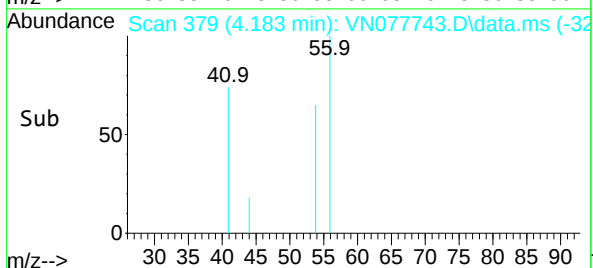
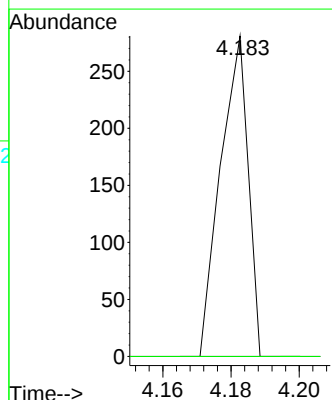
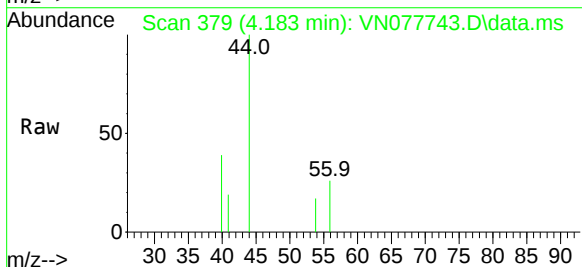
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230515

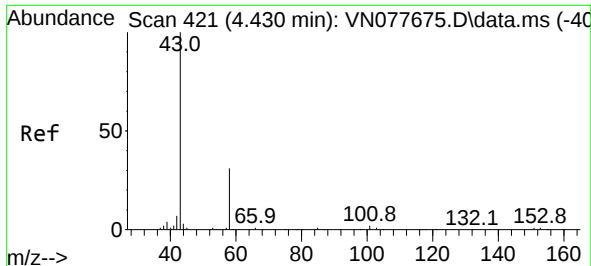
Tgt Ion: 94 Resp: 1129
Ion Ratio Lower Upper
94 100
96 37.2 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

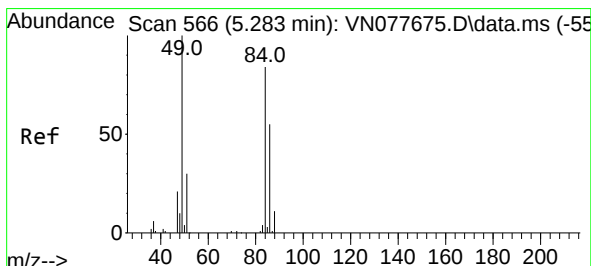
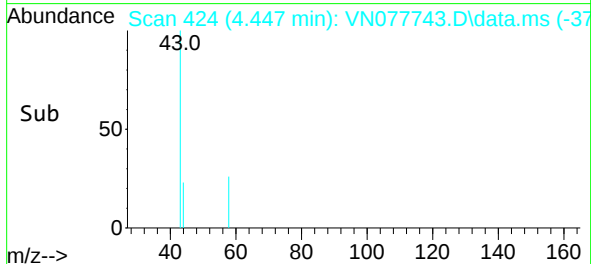
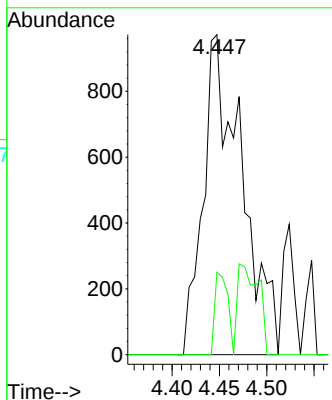
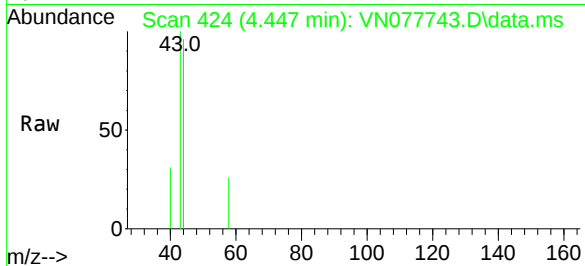




#16
Acetone
Concen: 1.582 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

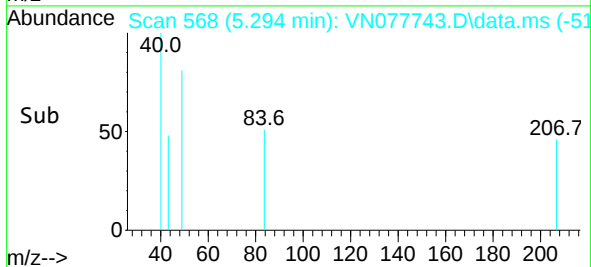
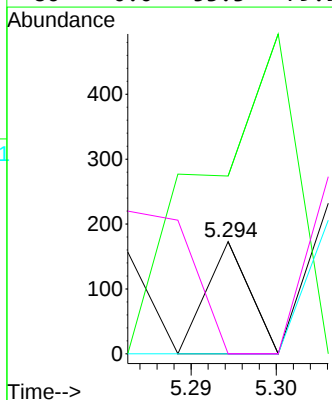
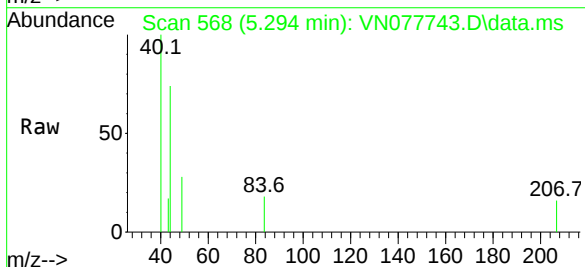
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230515

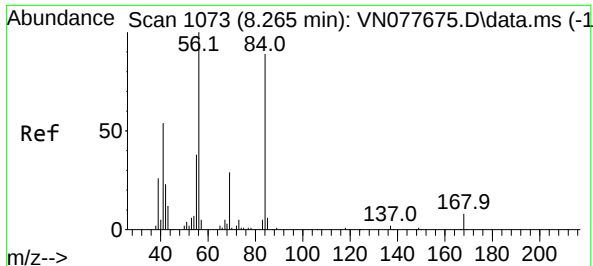
Tgt Ion: 43 Resp: 2744
Ion Ratio Lower Upper
43 100
58 25.8 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Tgt Ion: 84 Resp: 61
Ion Ratio Lower Upper
84 100
49 0.0 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#

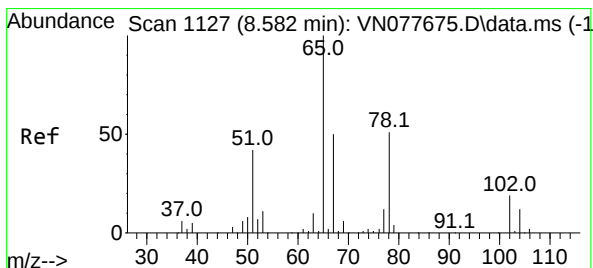
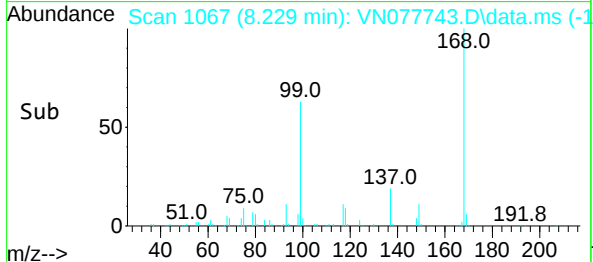
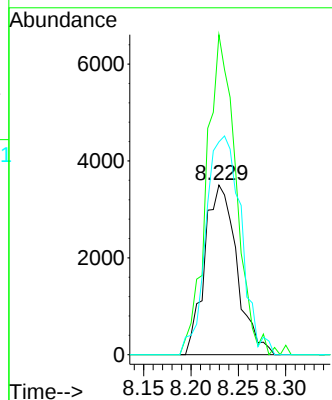
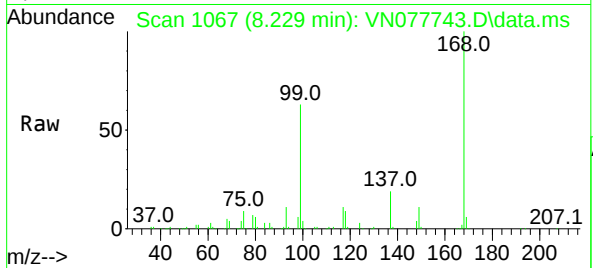




#31
Cyclohexane
Concen: 1.102 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

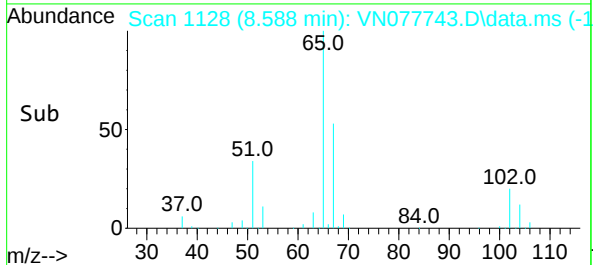
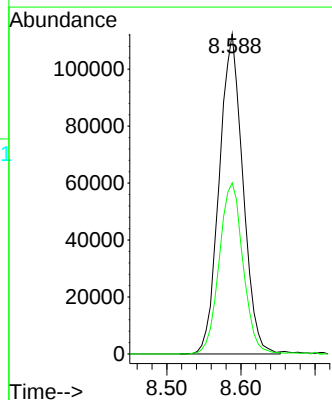
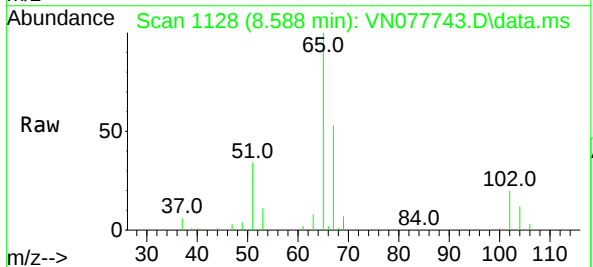
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230515

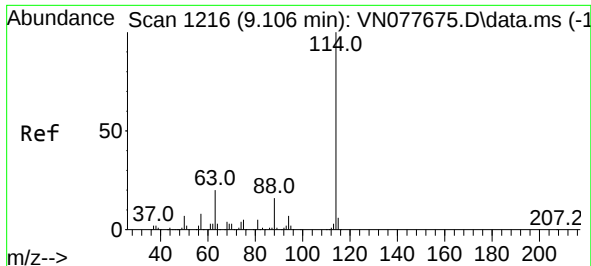
Tgt Ion: 56 Resp: 8257
Ion Ratio Lower Upper
56 100
69 188.7 26.8 40.2#
84 125.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 45.091 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Tgt Ion: 65 Resp: 248553
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077743.D

Acq: 18 May 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20230515

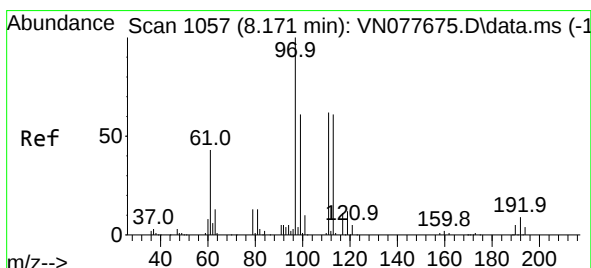
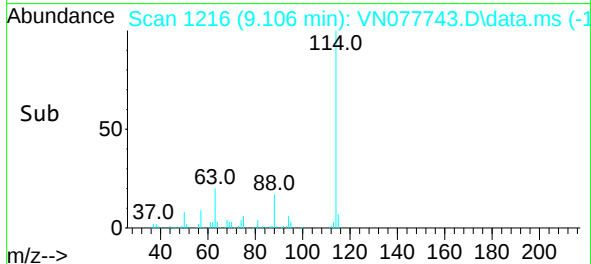
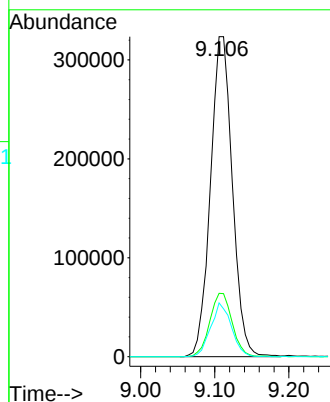
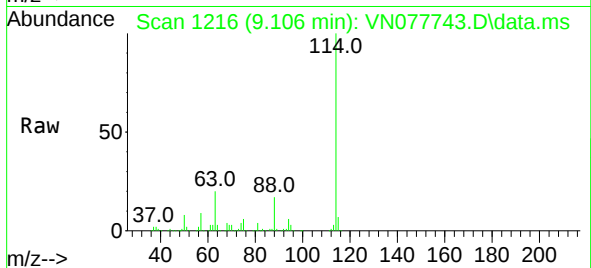
Tgt Ion:114 Resp: 664862

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.093 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077743.D

Acq: 18 May 2023 17:53

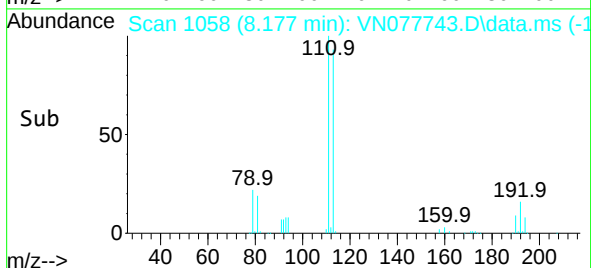
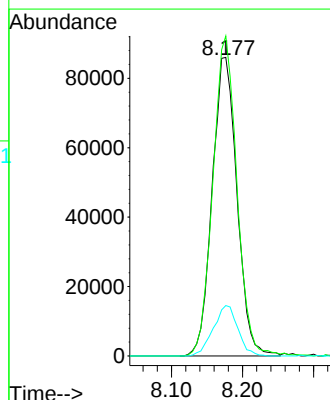
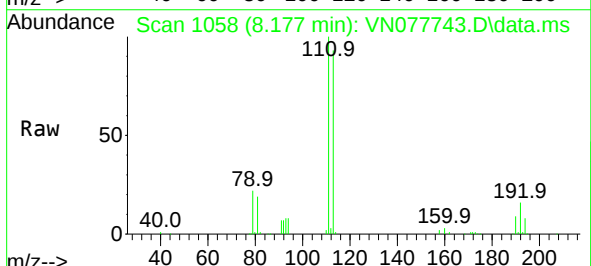
Tgt Ion:113 Resp: 208505

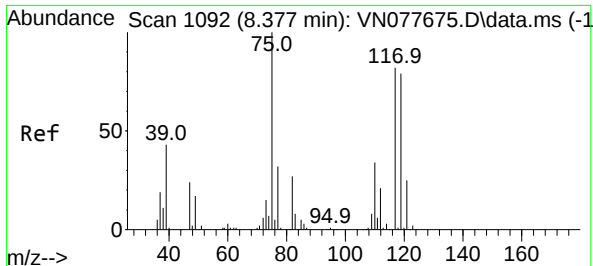
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 16.7 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.135 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

Lab File: VN077743.D

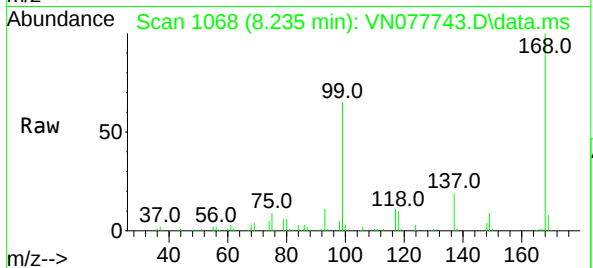
Acq: 18 May 2023 17:53

Instrument :

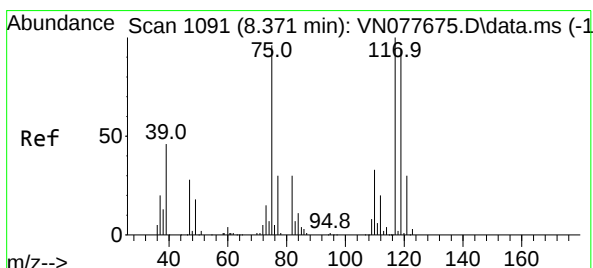
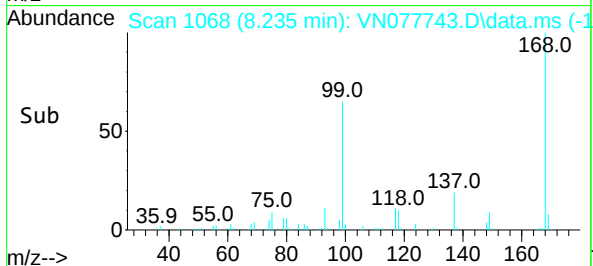
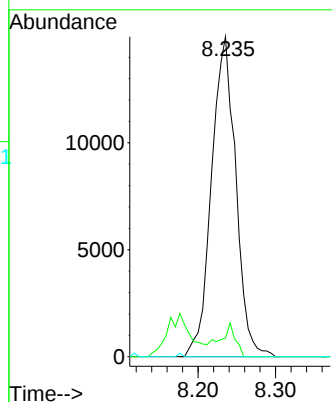
MSVOA_N

ClientSampleId :

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Tgt Ion: 75	Resp: 32560
Ion Ratio	Lower Upper
75	100
110	6.6 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.399 ug/l

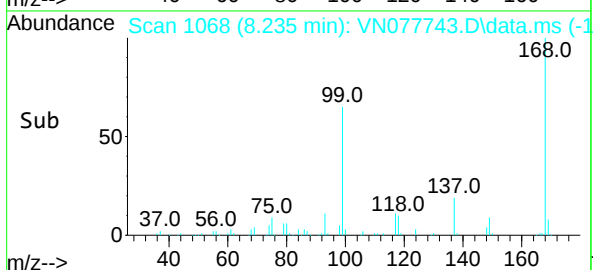
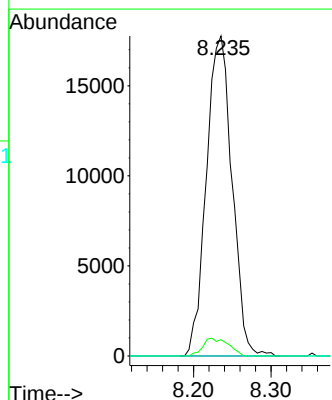
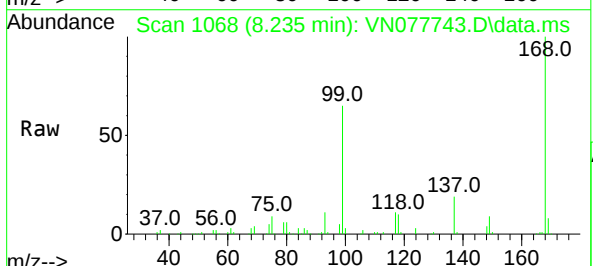
RT: 8.235 min Scan# 1068

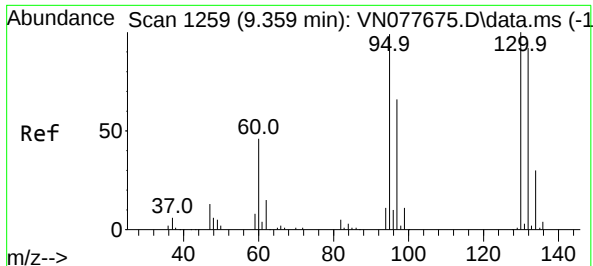
Delta R.T. -0.136 min

Lab File: VN077743.D

Acq: 18 May 2023 17:53

Tgt Ion: 117	Resp: 40975
Ion Ratio	Lower Upper
117	100
119	5.1 77.3 115.9#
121	0.0 23.3 34.9#

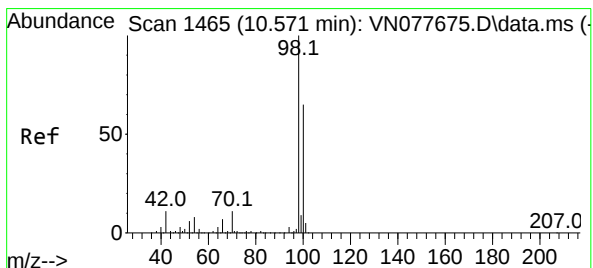
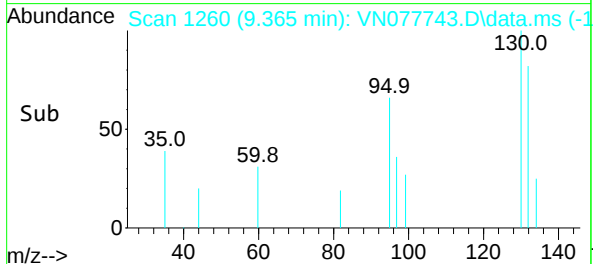
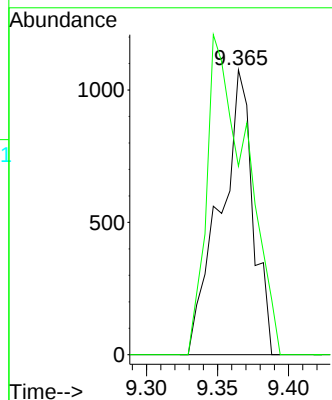
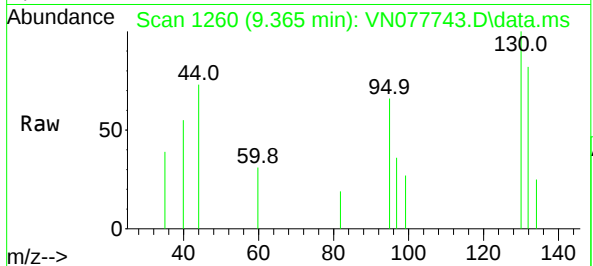




#44
Trichloroethene
Concen: 0.366 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

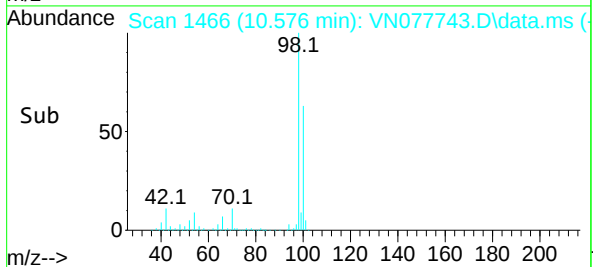
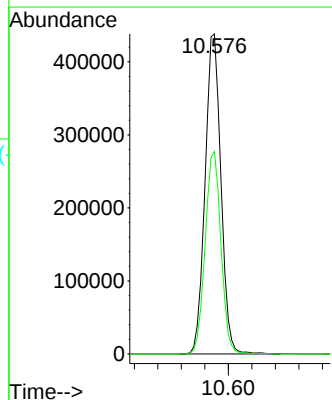
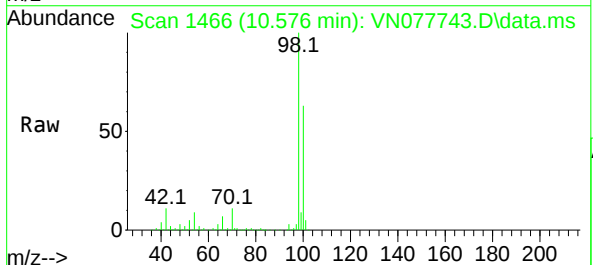
Instrument :
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RE117D2-20230515

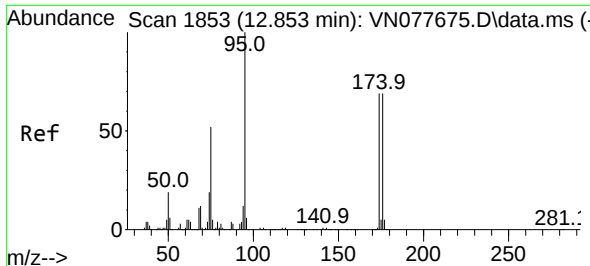
Tgt Ion:130 Resp: 1733
Ion Ratio Lower Upper
130 100
95 66.2 0.0 204.6



#50
Toluene-d8
Concen: 49.323 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Tgt Ion: 98 Resp: 823083
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

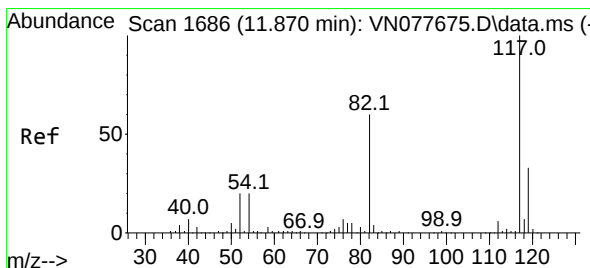
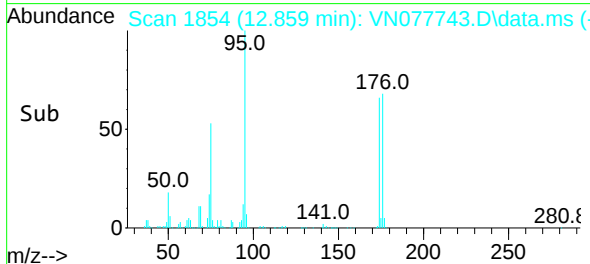
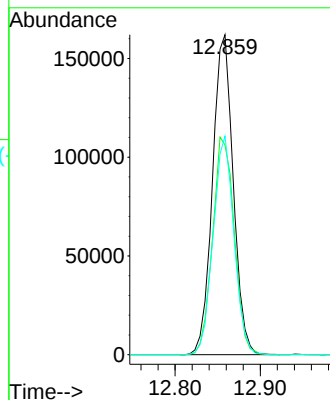
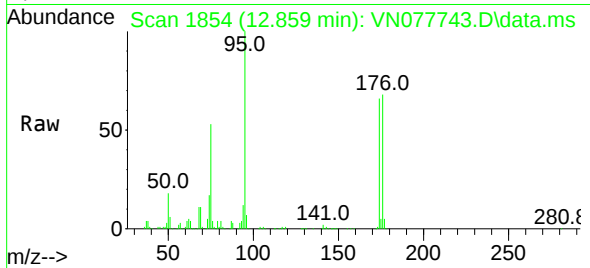




#62
4-Bromofluorobenzene
Concen: 46.426 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

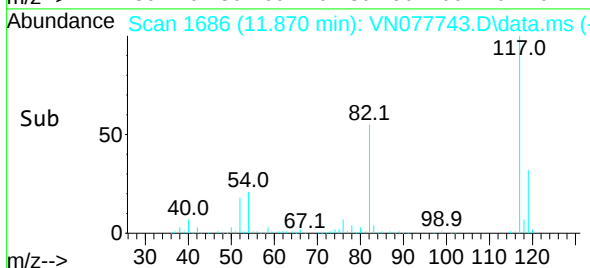
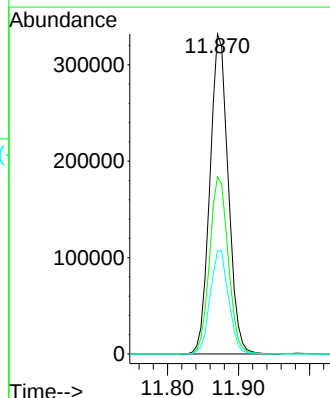
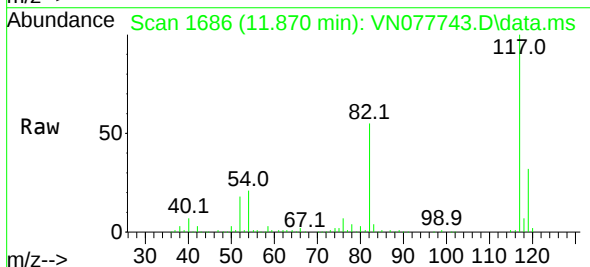
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230515

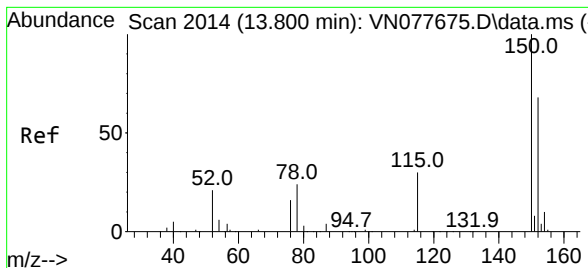
Tgt Ion: 95 Resp: 273624
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 68.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077743.D
Acq: 18 May 2023 17:53

Tgt Ion: 117 Resp: 593497
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.2 25.6 38.4

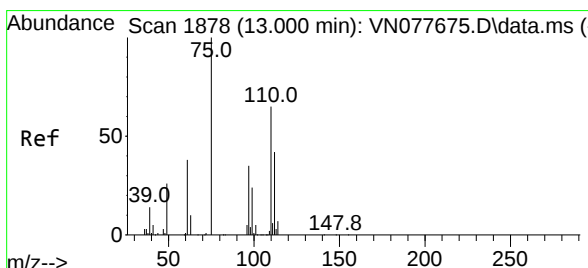
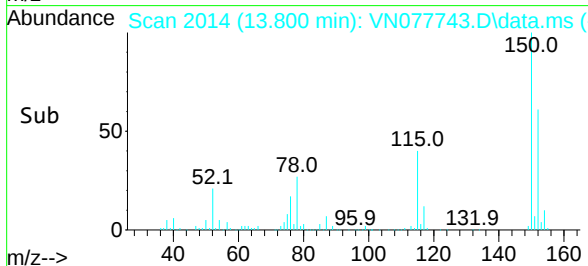
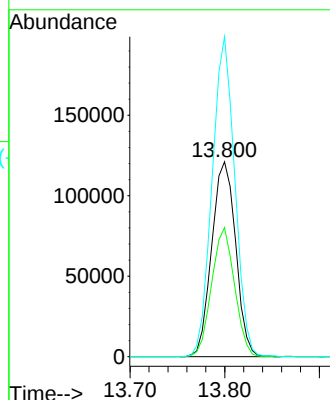
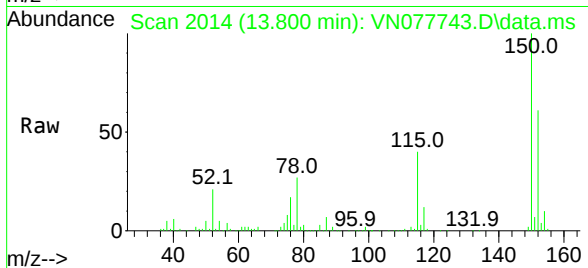




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077743.D
 Acq: 18 May 2023 17:53

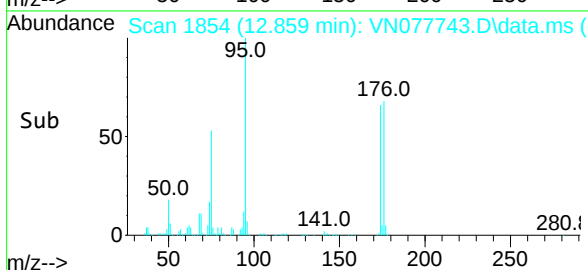
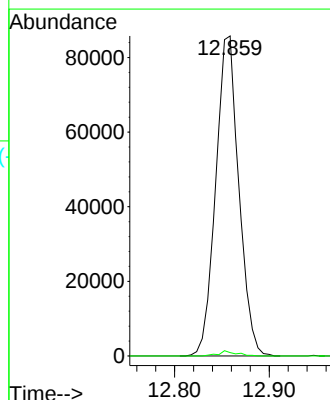
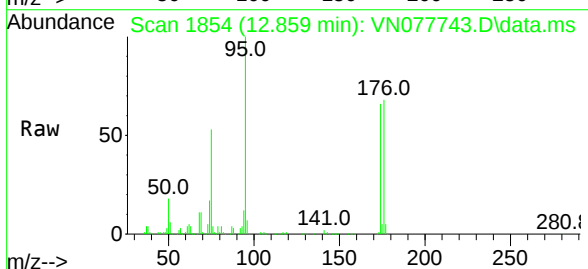
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20230515

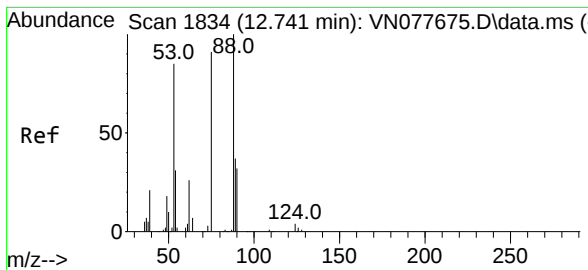
Tgt Ion:152 Resp: 213073
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 155.0 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 27.257 ug/l
 RT: 12.859 min Scan# 1854
 Delta R.T. -0.141 min
 Lab File: VN077743.D
 Acq: 18 May 2023 17:53

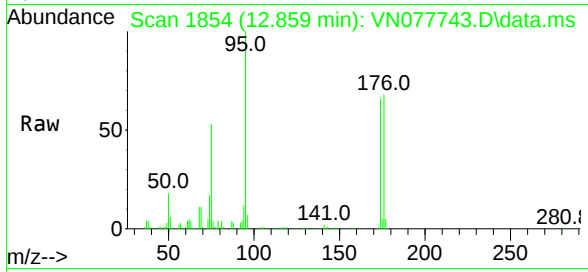
Tgt Ion: 75 Resp: 145446
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.127 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077743.D
 Acq: 18 May 2023 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20230515



Tgt Ion: 75 Resp: 145446
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.1 38.8 58.2#

