

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077907.D
 Acq On : 25 May 2023 17:14
 Operator : JC\MD
 Sample : 02944-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-DUP-20230523

Quant Time: May 26 04:35:06 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)

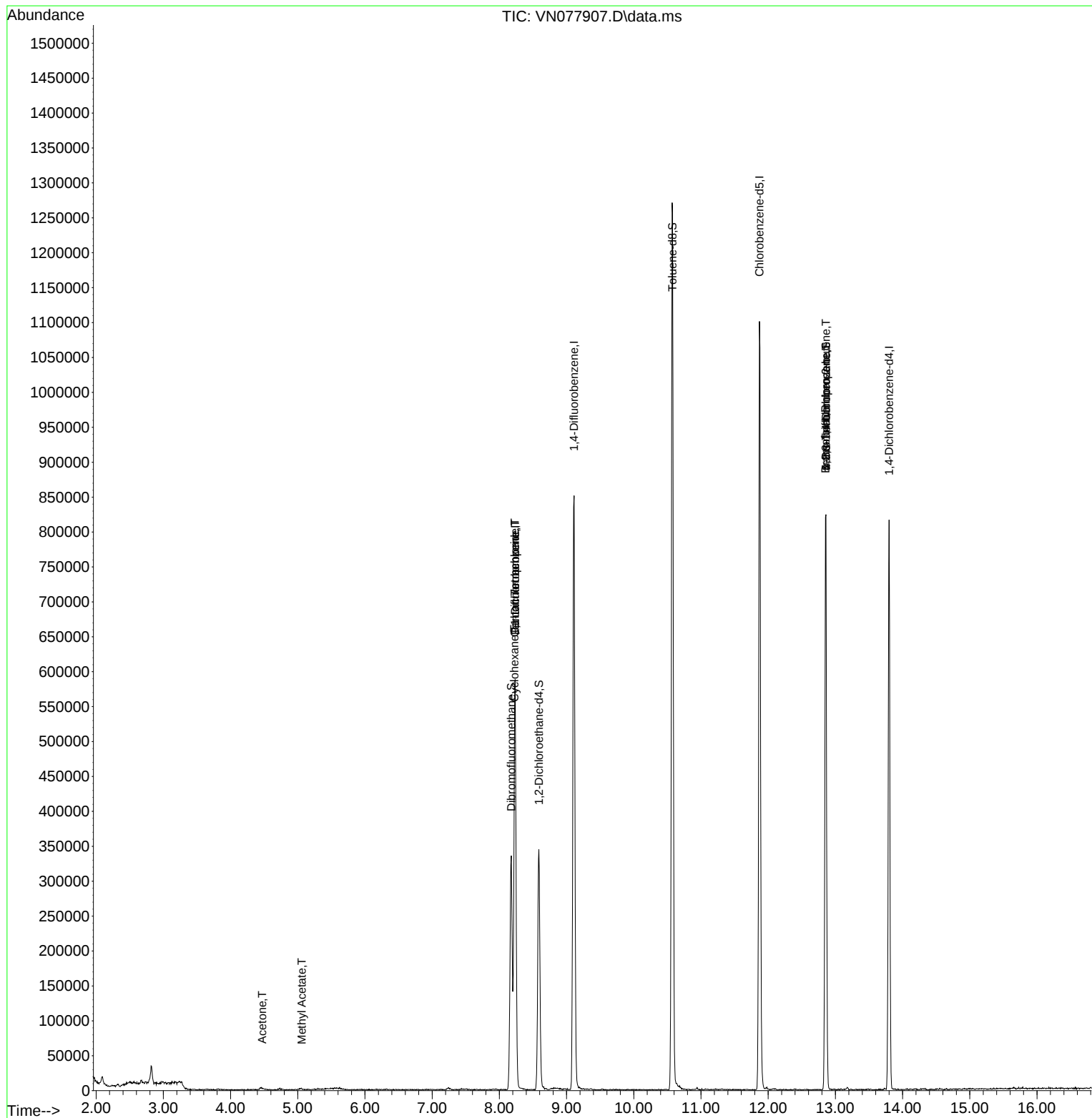
Internal Standards						
1) Pentafluorobenzene	8.235	168	415946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	770590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	663782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	213740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283342	45.527	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.060%		
35) Dibromofluoromethane	8.177	113	243028	48.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	10.576	98	939642	48.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.160%		
62) 4-Bromofluorobenzene	12.859	95	304249	44.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.080%		
Target Compounds						
3) Chloromethane	2.377	50	1593	Below Cal	#	42
13) Acrolein	4.200	56	53	Below Cal	#	16
16) Acetone	4.471	43	3419	1.746	ug/l #	40
18) Methyl Acetate	5.059	43	3432	0.418	ug/l #	57
20) Methylene Chloride	5.289	84	530	Below Cal	#	40
31) Cyclohexane	8.224	56	10682	1.263	ug/l #	52
36) 1,1-Dichloropropene	8.235	75	36888	5.019	ug/l #	50
38) Carbon Tetrachloride	8.230	117	47065	6.342	ug/l #	17
71) Bromoform	12.853	173	1108	0.335	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	159256	29.752	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	159256	95.102	ug/l #	15

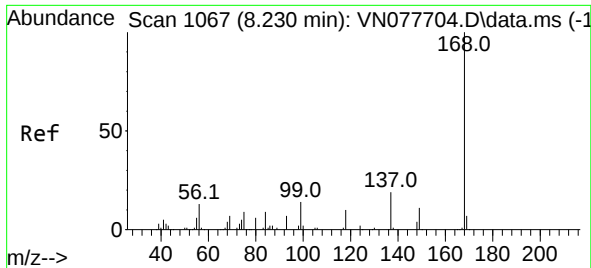
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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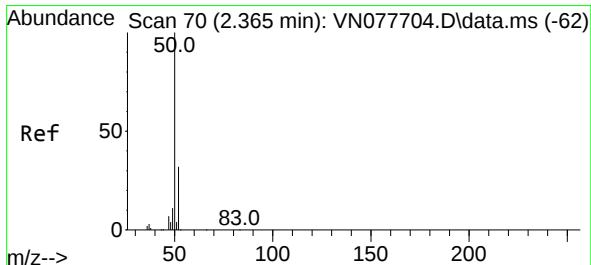
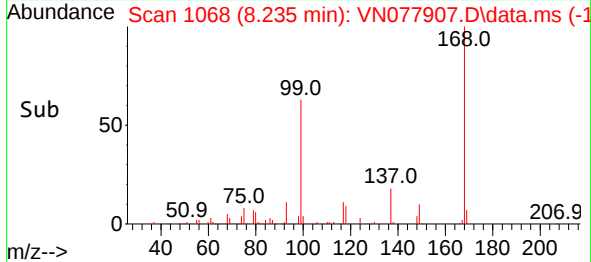
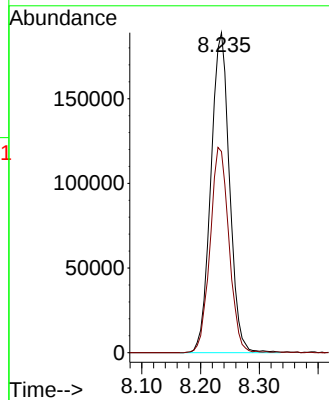
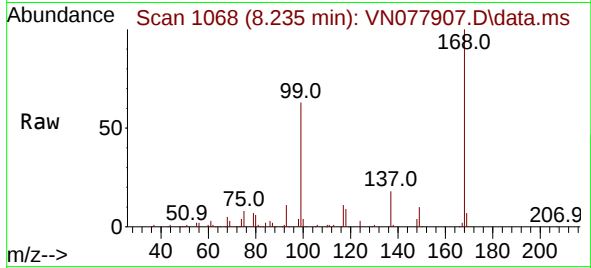




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

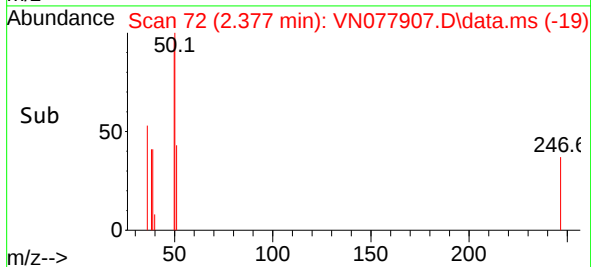
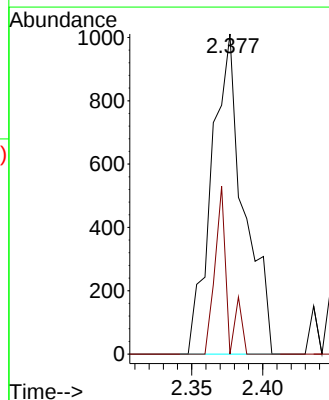
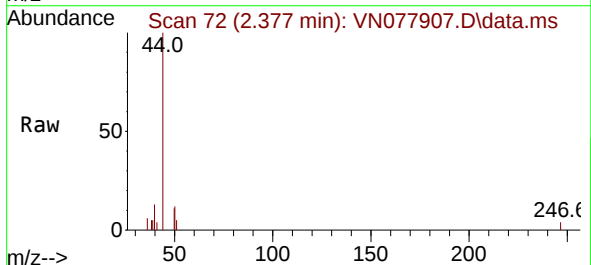
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-DUP-20230523

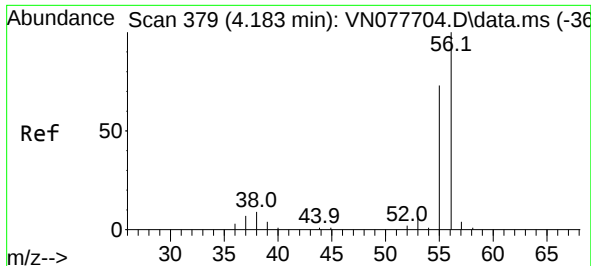
Tgt Ion:168 Resp: 415946
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

Tgt Ion: 50 Resp: 1593
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#





#13

Acrolein

Concen: Below Cal

RT: 4.200 min Scan# 382

Delta R.T. 0.011 min

Lab File: VN077907.D

Acq: 25 May 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

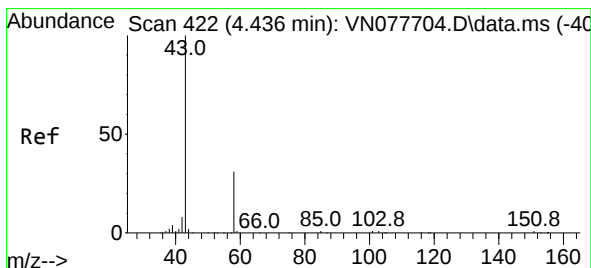
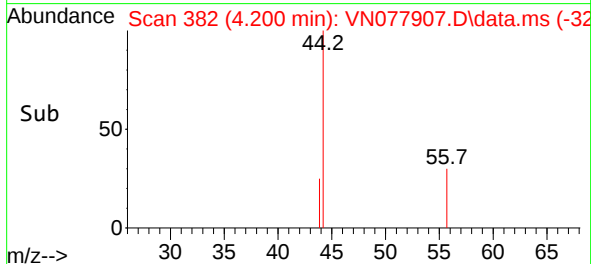
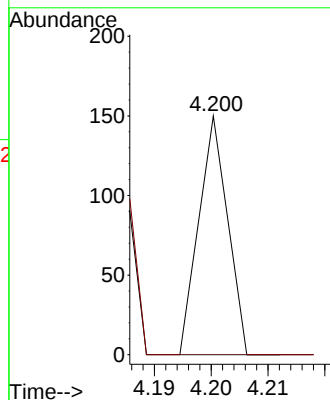
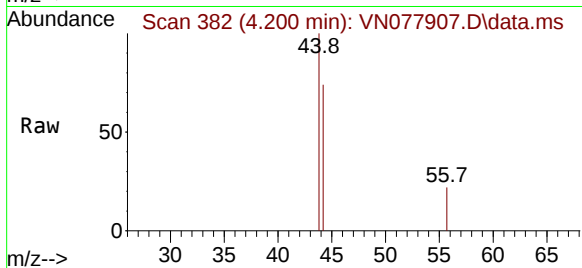
BP-VPB-RW11-DUP-20230523

Tgt Ion: 56 Resp: 53

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#16

Acetone

Concen: 1.746 ug/l

RT: 4.471 min Scan# 428

Delta R.T. 0.041 min

Lab File: VN077907.D

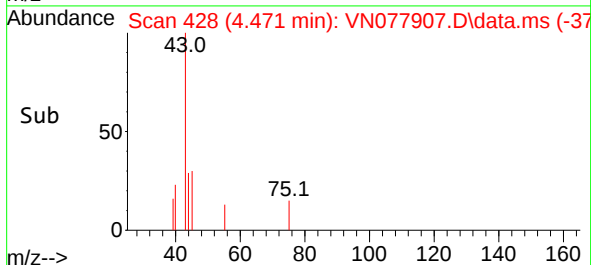
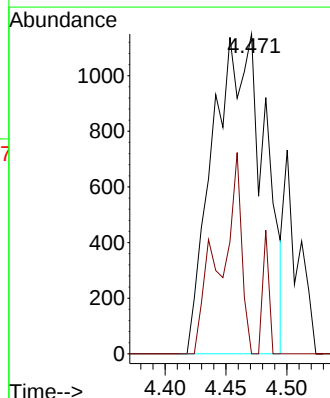
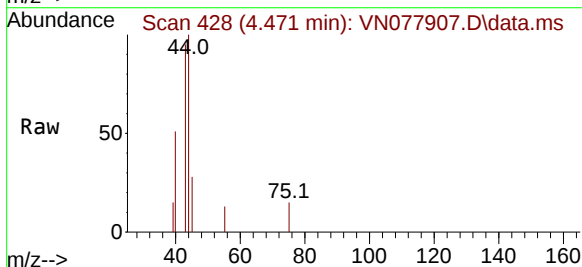
Acq: 25 May 2023 17:14

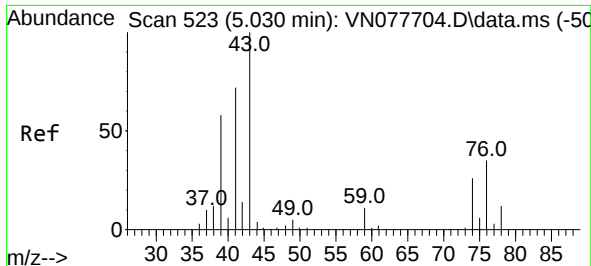
Tgt Ion: 43 Resp: 3419

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#

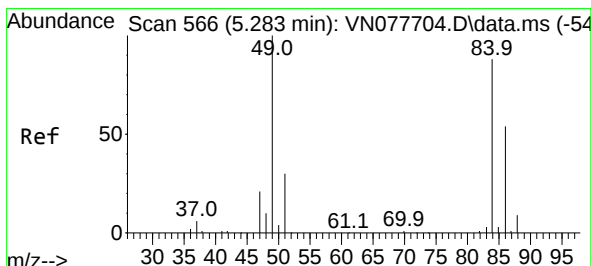
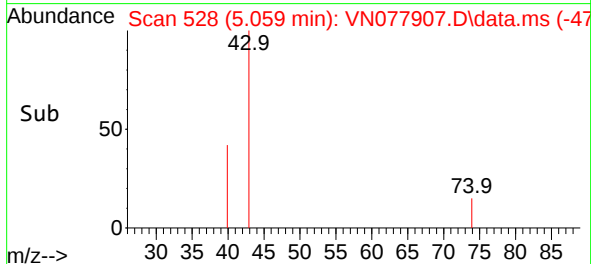
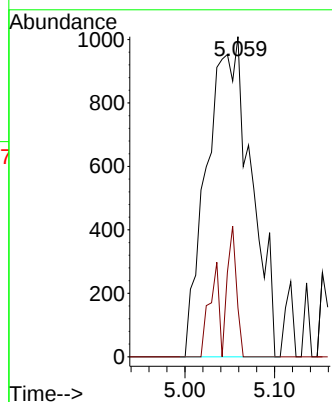
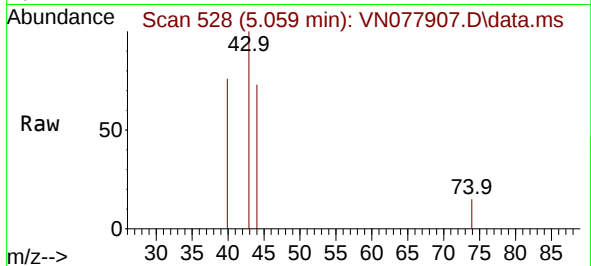




#18
Methyl Acetate
Concen: 0.418 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

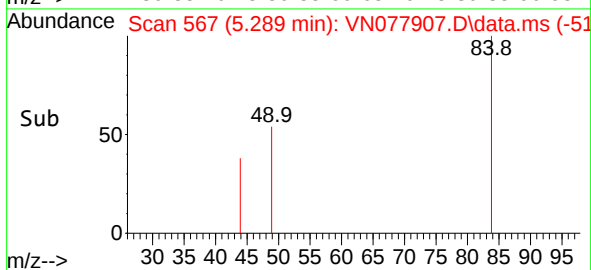
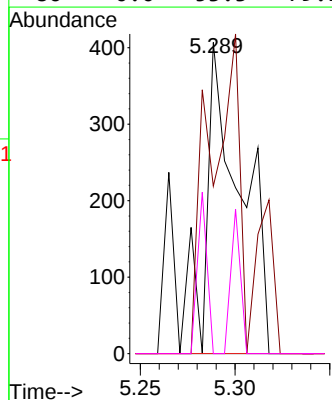
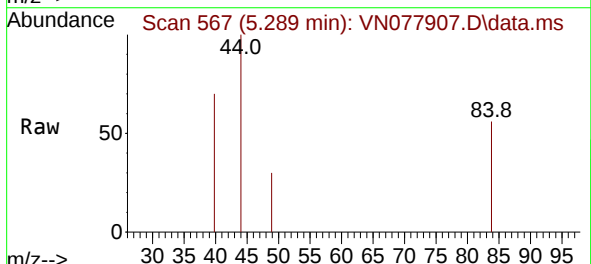
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-DUP-20230523

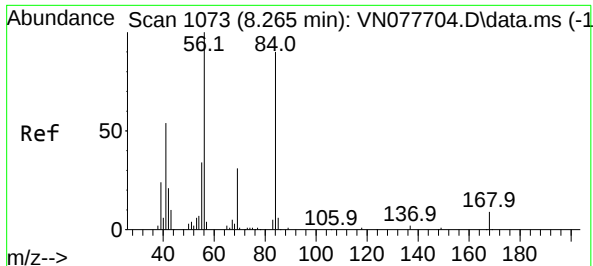
Tgt Ion: 43 Resp: 3432
Ion Ratio Lower Upper
43 100
74 8.6 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

Tgt Ion: 84 Resp: 530
Ion Ratio Lower Upper
84 100
49 53.8 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#

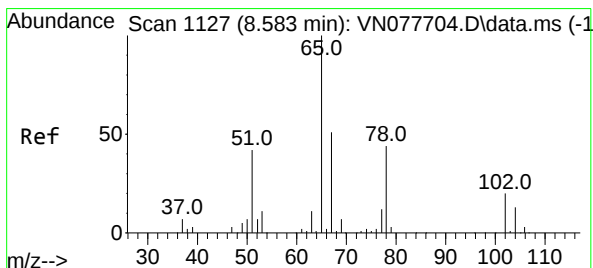
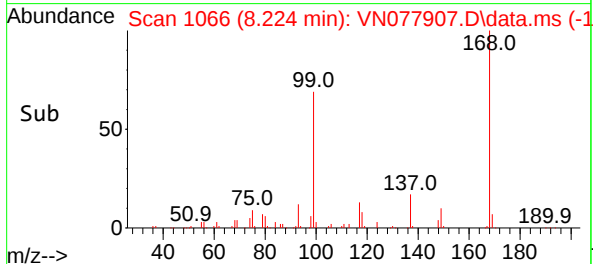
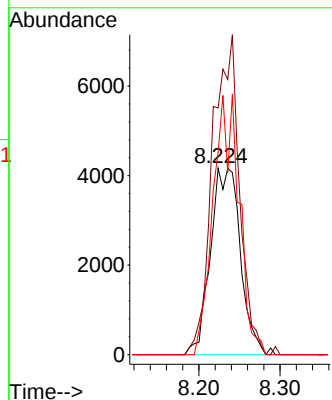
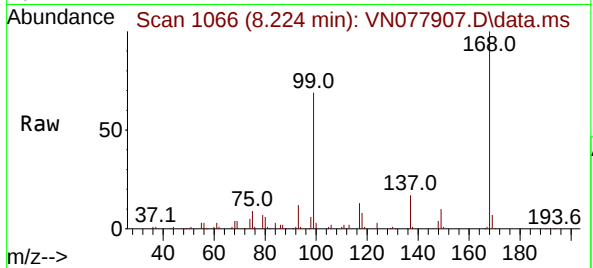




#31
Cyclohexane
Concen: 1.263 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

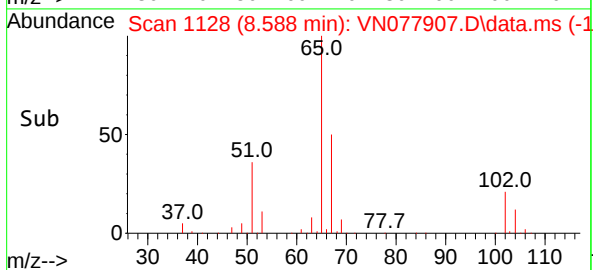
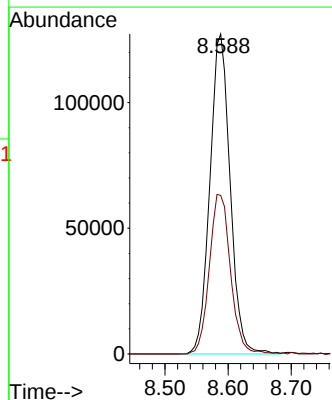
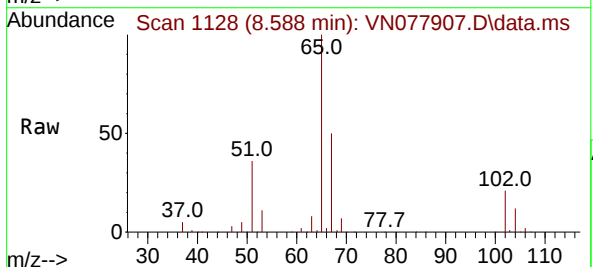
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-DUP-20230523

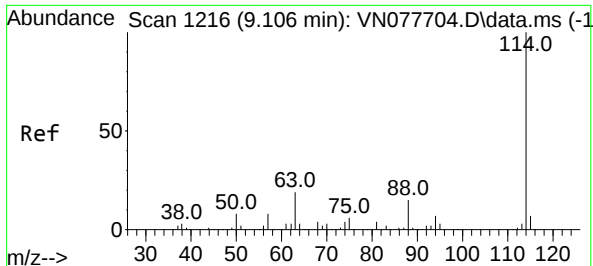
Tgt Ion: 56 Resp: 10682
Ion Ratio Lower Upper
56 100
69 132.3 26.8 40.2#
84 108.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 45.527 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

Tgt Ion: 65 Resp: 283342
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077907.D

Acq: 25 May 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-DUP-20230523

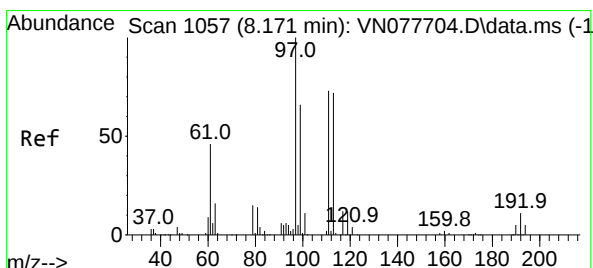
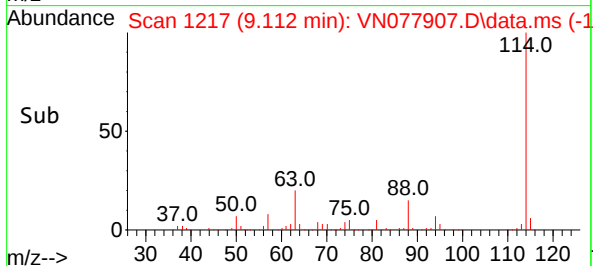
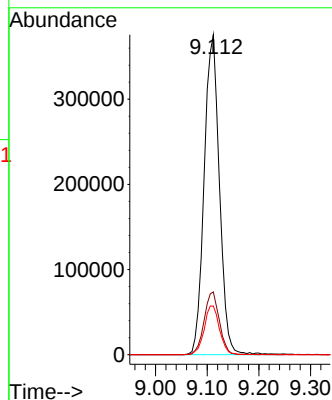
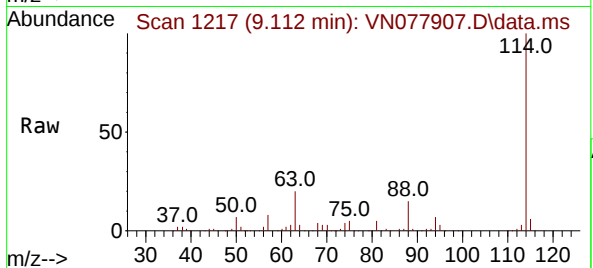
Tgt Ion:114 Resp: 770590

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.364 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077907.D

Acq: 25 May 2023 17:14

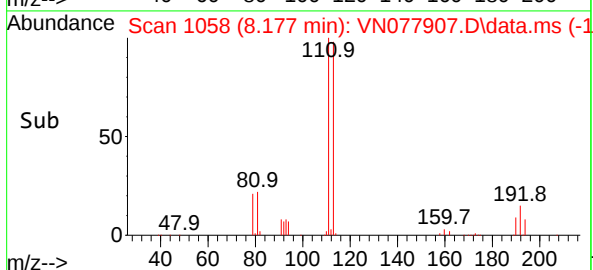
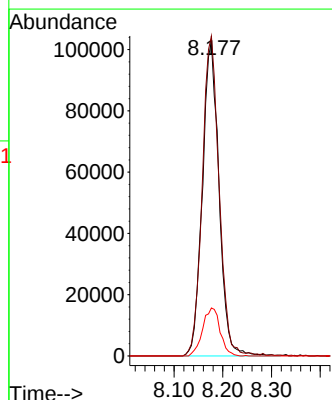
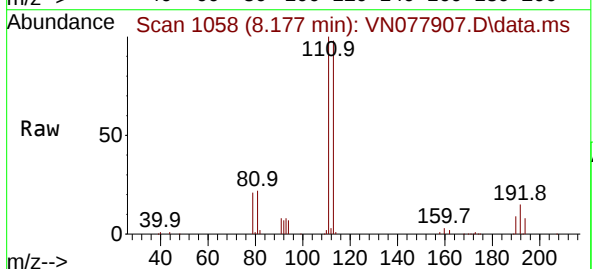
Tgt Ion:113 Resp: 243028

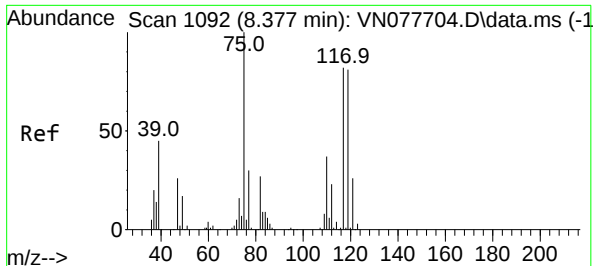
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.1 12.7 19.1

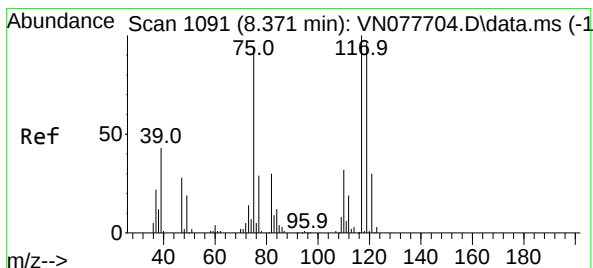
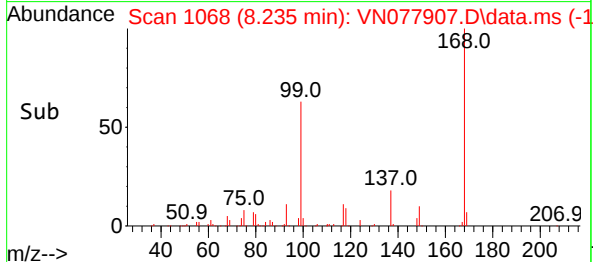
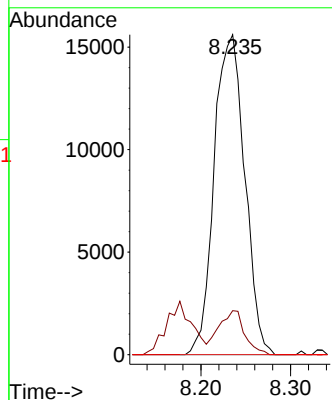
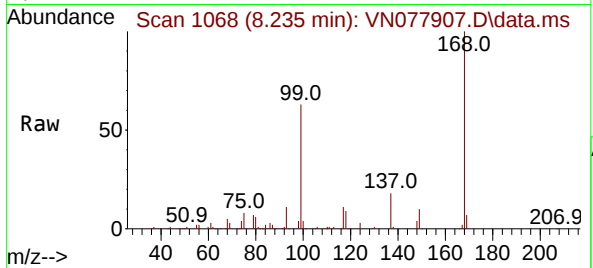




#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

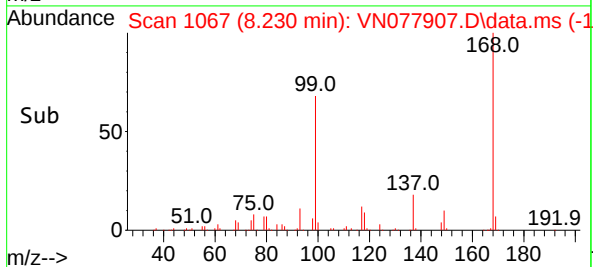
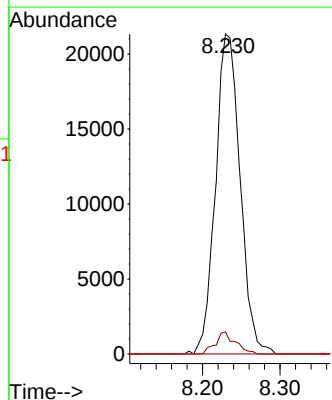
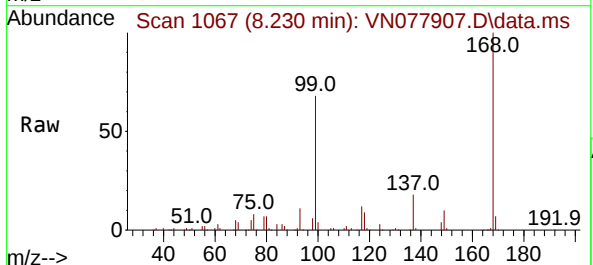
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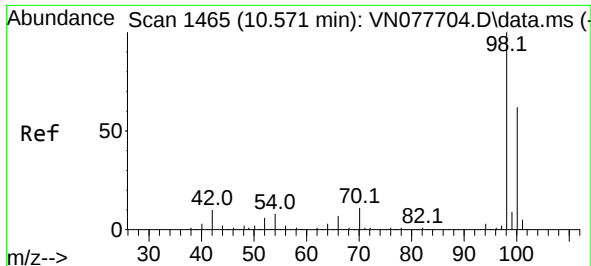
Tgt Ion: 75 Resp: 36888
Ion Ratio Lower Upper
75 100
110 11.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.342 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

Tgt Ion: 117 Resp: 47065
Ion Ratio Lower Upper
117 100
119 6.9 77.3 115.9#
121 0.0 23.3 34.9#

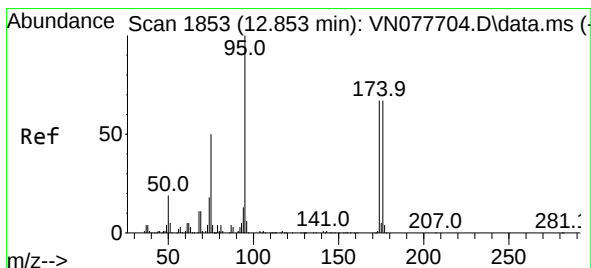
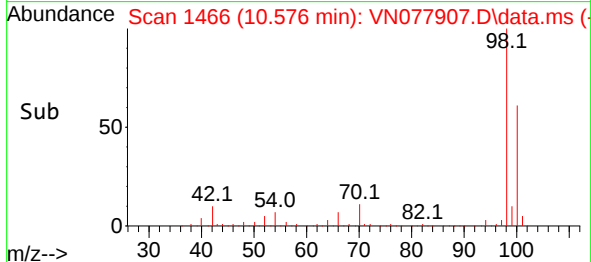
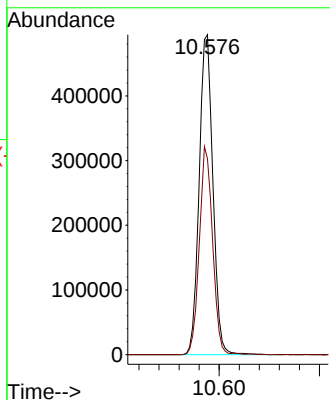
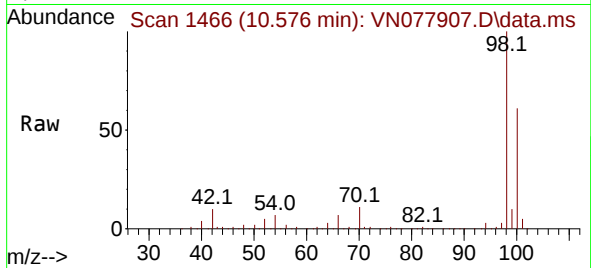




#50
Toluene-d8
Concen: 48.582 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

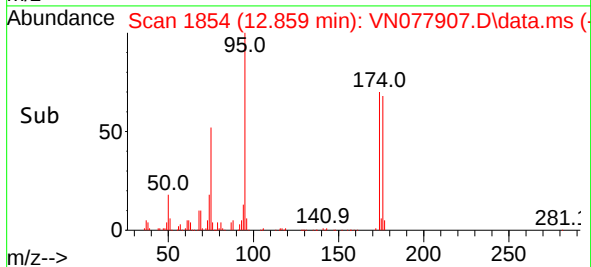
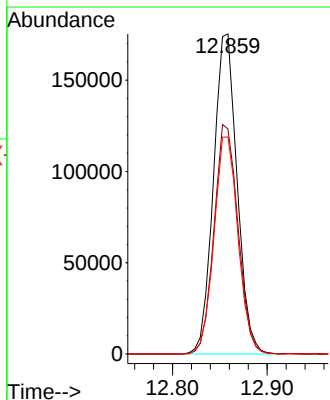
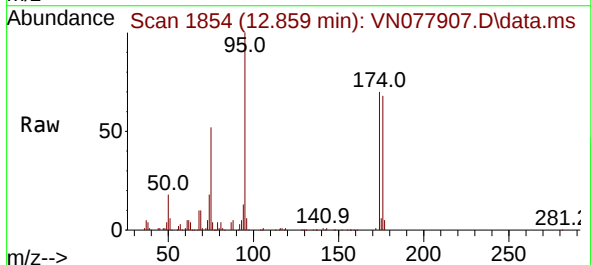
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-DUP-20230523

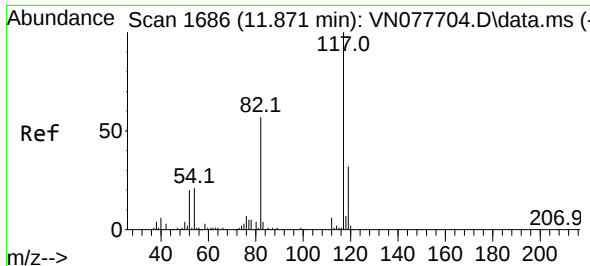
Tgt Ion: 98 Resp: 939642
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.540 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

Tgt Ion: 95 Resp: 304249
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 69.1 0.0 135.8

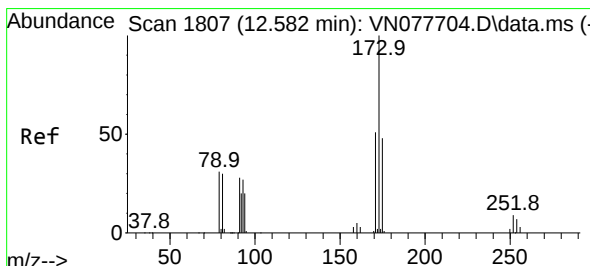
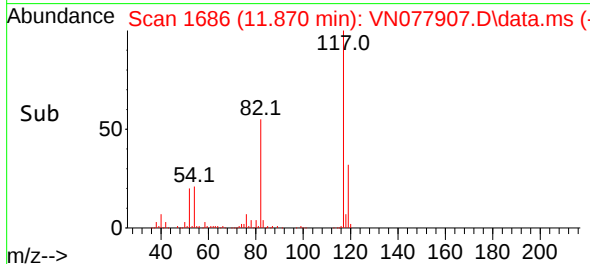
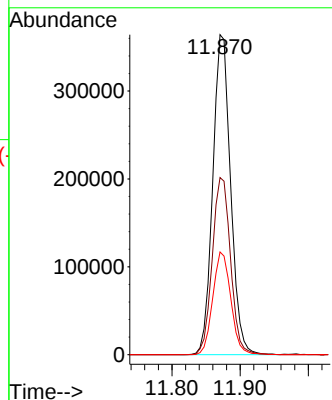
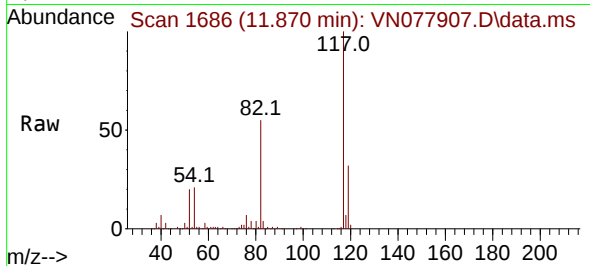




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

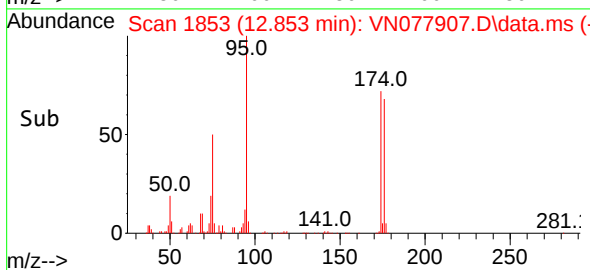
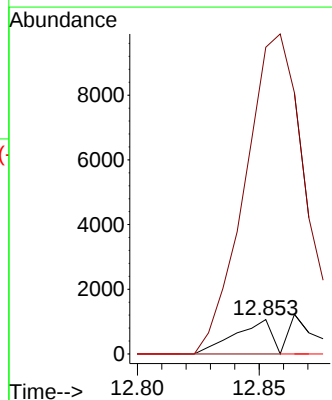
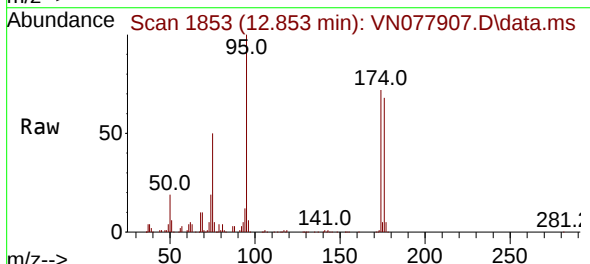
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-DUP-20230523

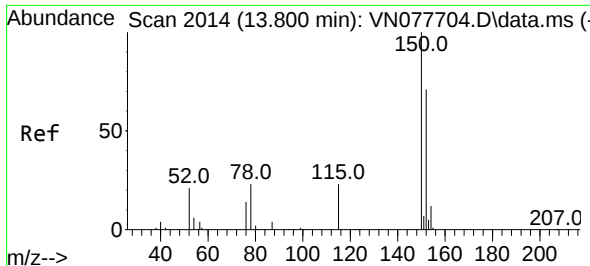
Tgt Ion:117 Resp: 663782
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.335 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077907.D
Acq: 25 May 2023 17:14

Tgt Ion:173 Resp: 1108
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

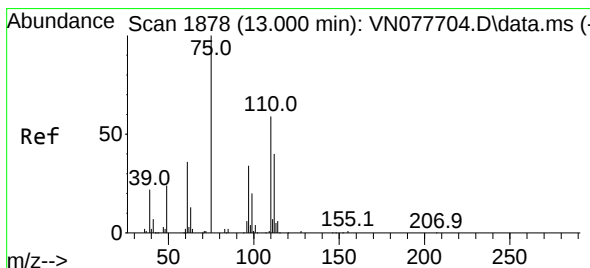
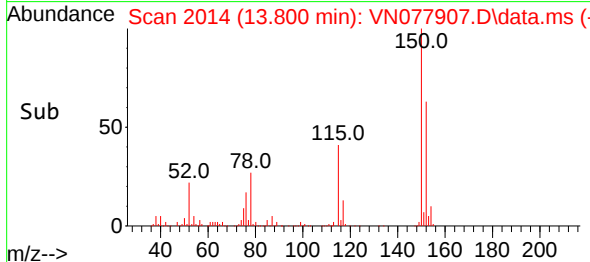
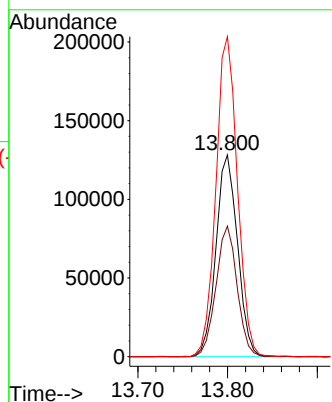
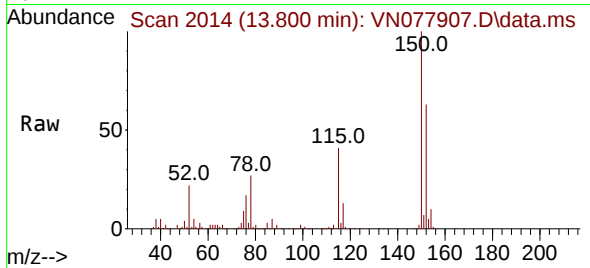




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077907.D
 Acq: 25 May 2023 17:14

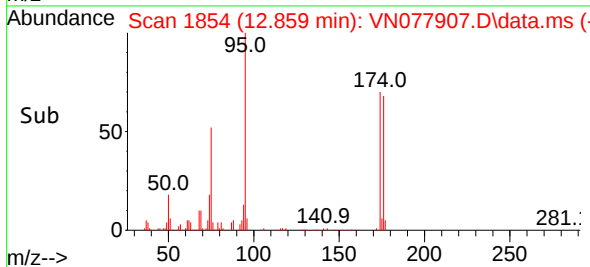
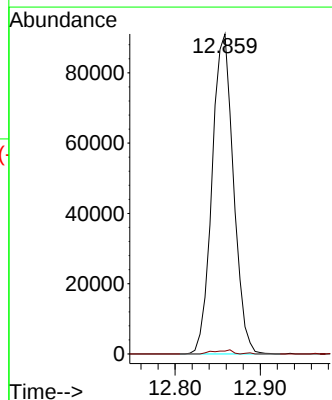
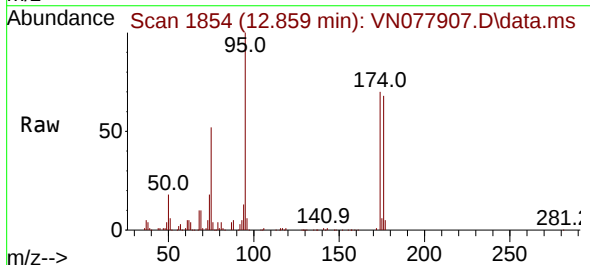
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-DUP-20230523

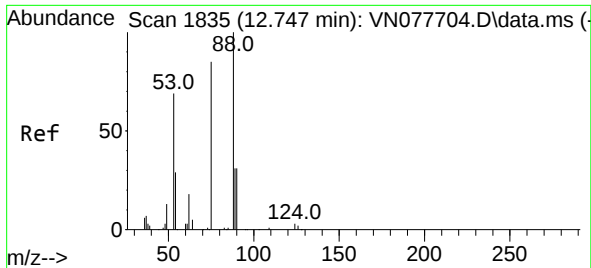
Tgt Ion:152 Resp: 213740
 Ion Ratio Lower Upper
 152 100
 115 63.6 32.3 96.8
 150 158.5 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 29.752 ug/l
 RT: 12.859 min Scan# 1854
 Delta R.T. -0.141 min
 Lab File: VN077907.D
 Acq: 25 May 2023 17:14

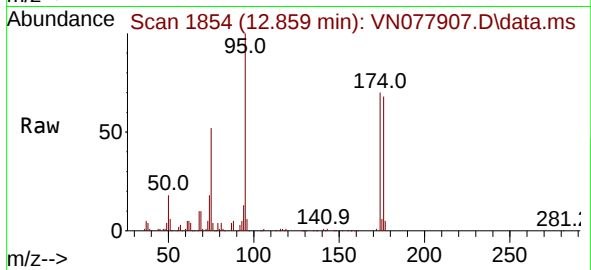
Tgt Ion: 75 Resp: 159256
 Ion Ratio Lower Upper
 75 100
 77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.102 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077907.D
 Acq: 25 May 2023 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-DUP-20230523



Tgt Ion: 75 Resp: 159256
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

