

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077930.D
 Acq On : 26 May 2023 16:17
 Operator : JC\MD
 Sample : 02945-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP04

Quant Time: May 29 00:30:22 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

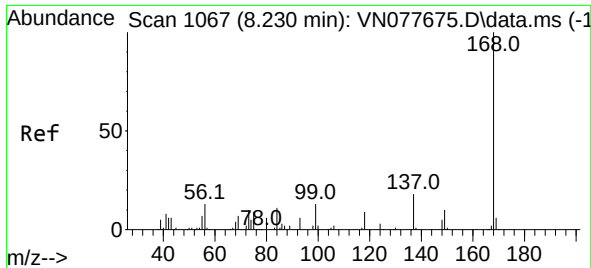
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	382026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	703392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	602714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	179475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265624	46.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.940%
35) Dibromofluoromethane	8.177	113	229867	50.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	10.576	98	870807	49.324	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.859	95	275716	44.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1382	Below Cal		90
5) Bromomethane	2.989	94	1978	0.488 ug/l #		67
13) Acrolein	4.183	56	80	Below Cal #		1
16) Acetone	4.436	43	573	0.319 ug/l #		40
20) Methylene Chloride	5.283	84	1035	Below Cal #		74
31) Cyclohexane	8.235	56	9265	1.193 ug/l #		30
36) 1,1-Dichloropropene	8.235	75	32828	4.893 ug/l #		48
38) Carbon Tetrachloride	8.229	117	44012	6.497 ug/l #		15
51) 4-Methyl-2-Pentanone	10.576	43	3489	0.601 ug/l #		1
76) 1,2,3-Trichloropropane	12.859	75	147675	32.855 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.859	75	147675	105.023 ug/l #		15

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

Quant Time: May 29 00:30:22 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

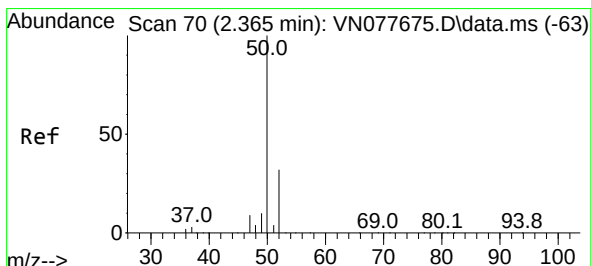
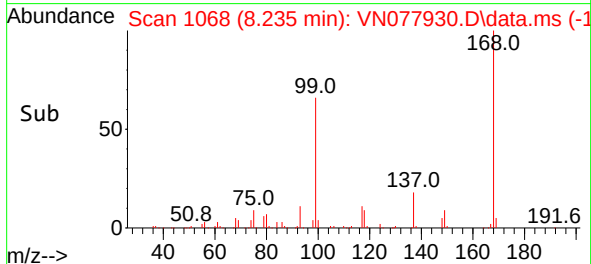
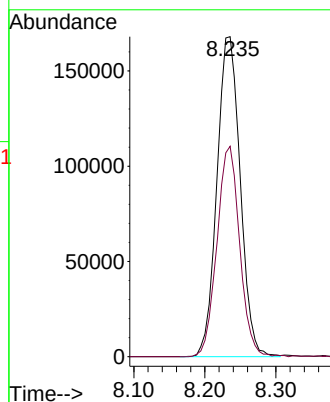
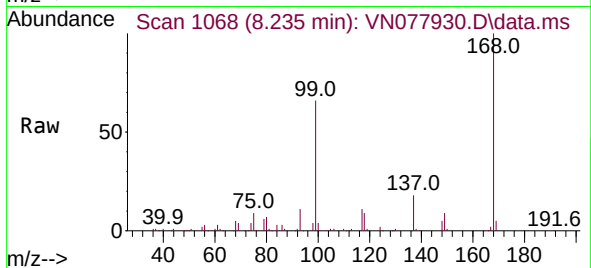




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

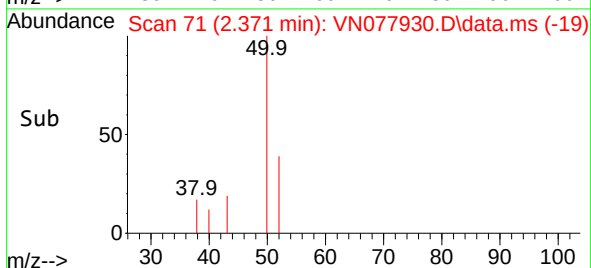
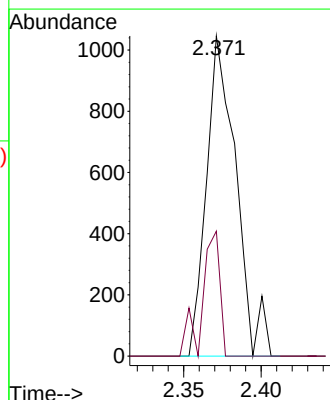
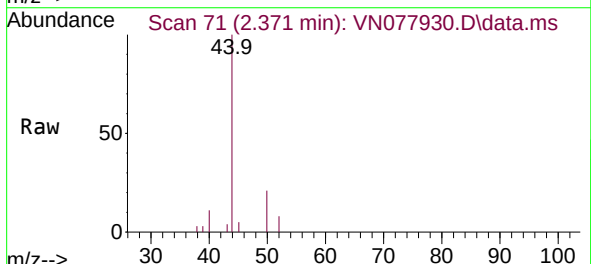
Instrument :
MSVOA_N
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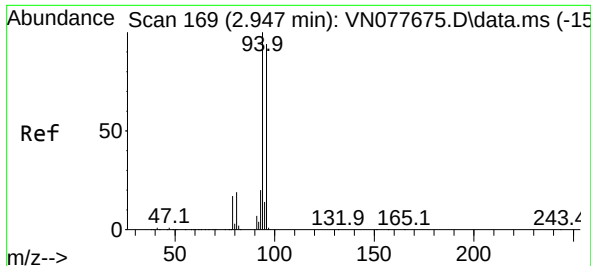
Tgt Ion:168 Resp: 382026
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

Tgt Ion: 50 Resp: 1382
Ion Ratio Lower Upper
50 100
52 39.0 26.5 39.7

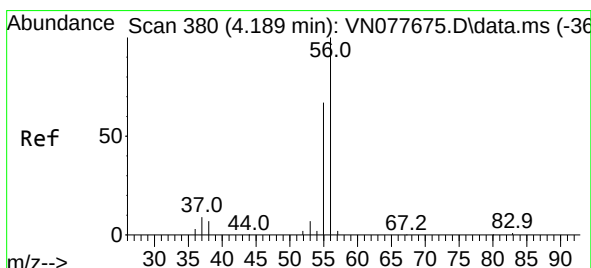
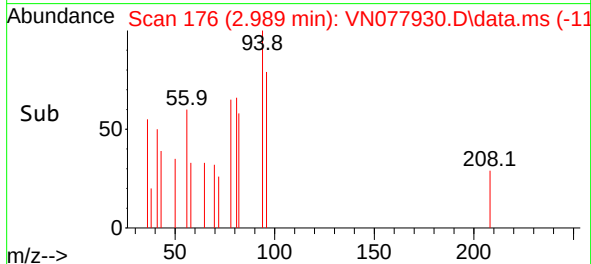
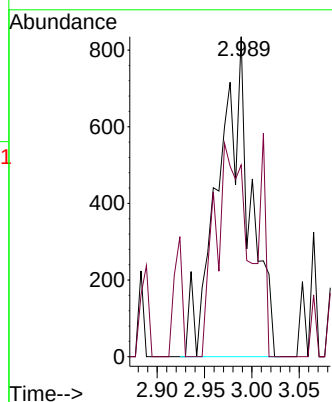
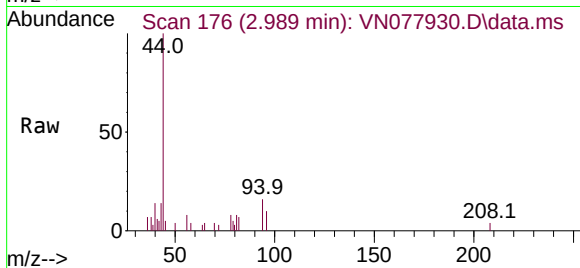




#5
Bromomethane
Concen: 0.488 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.042 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

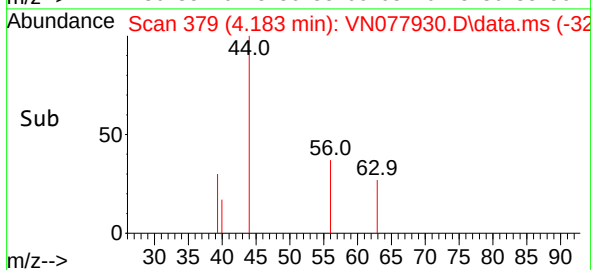
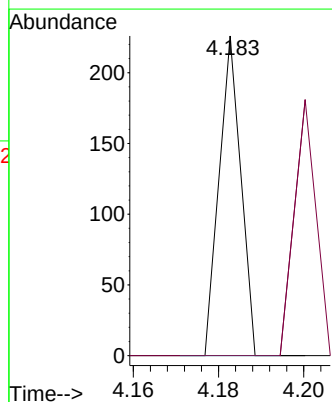
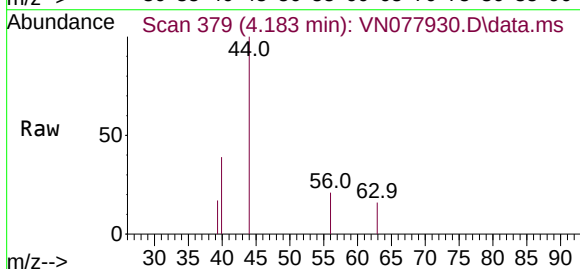
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ClientSampleId :
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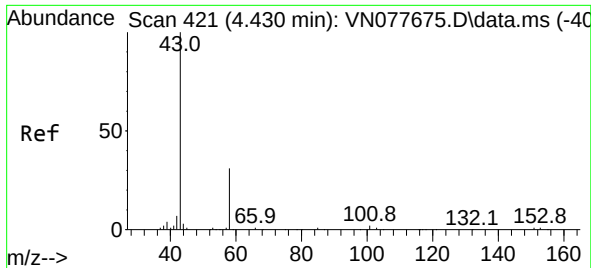
Tgt Ion: 94 Resp: 1978
Ion Ratio Lower Upper
94 100
96 59.9 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 158.8 54.5 81.7#

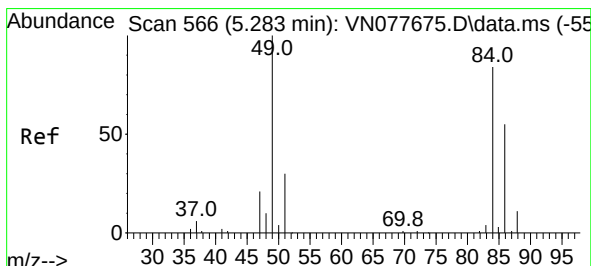
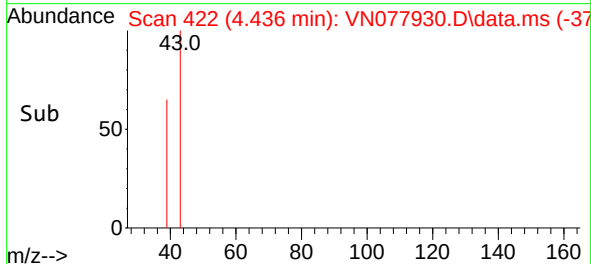
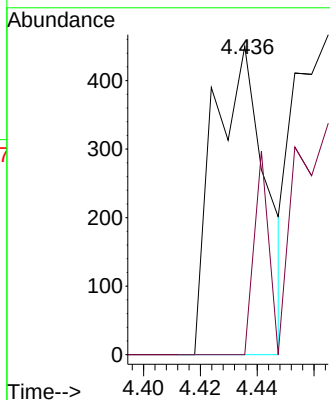
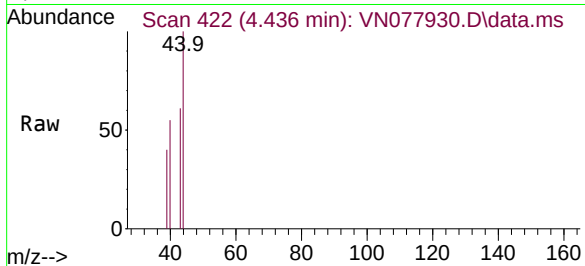




#16
Acetone
Concen: 0.319 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

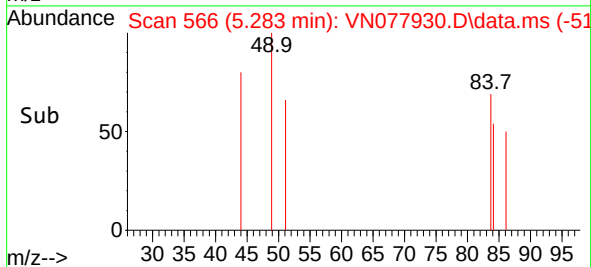
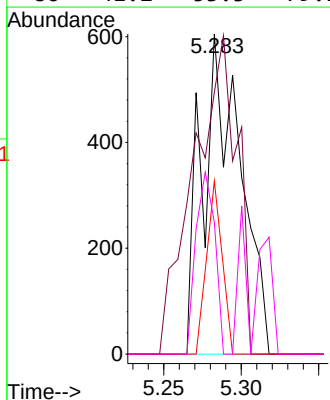
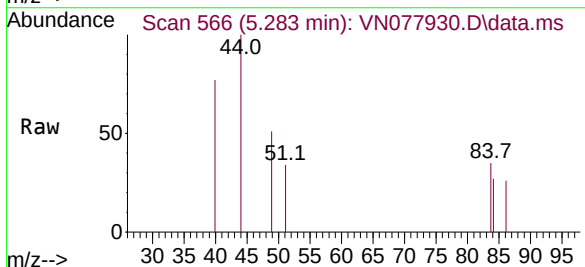
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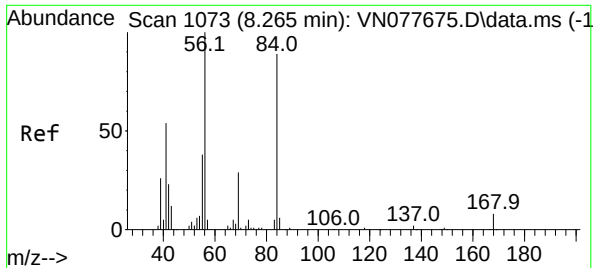
Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

Tgt Ion: 84 Resp: 1035
Ion Ratio Lower Upper
84 100
49 81.8 79.7 119.5
51 54.0 25.2 37.8#
86 41.2 53.3 79.9#

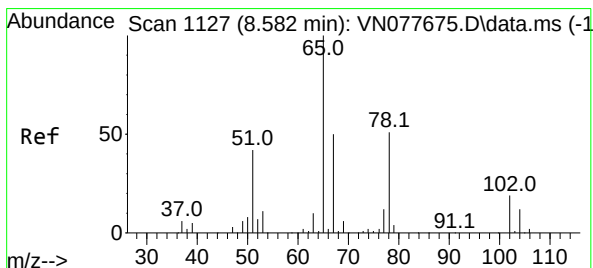
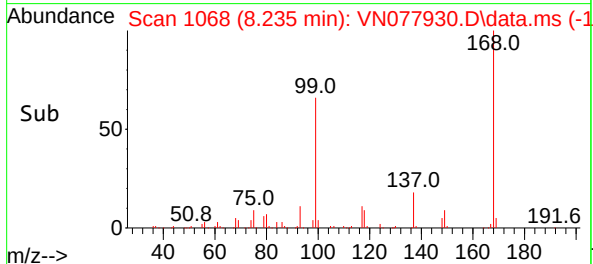
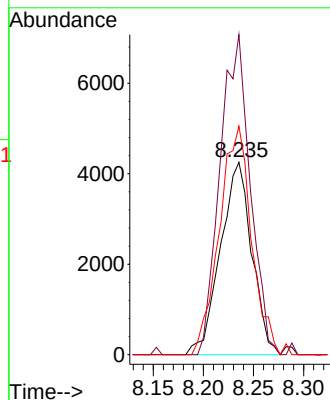
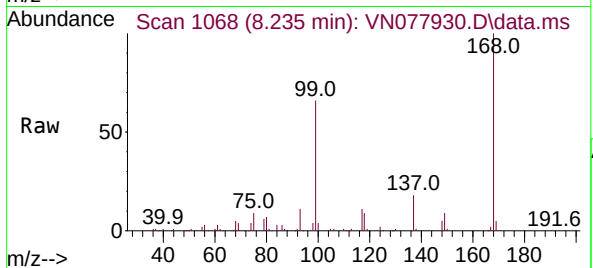




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

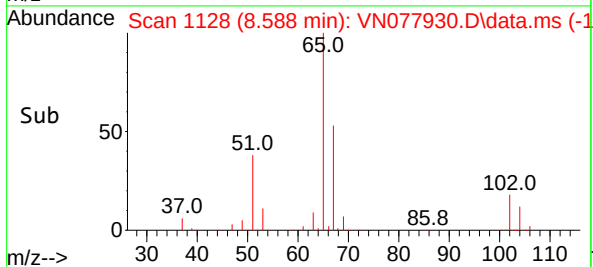
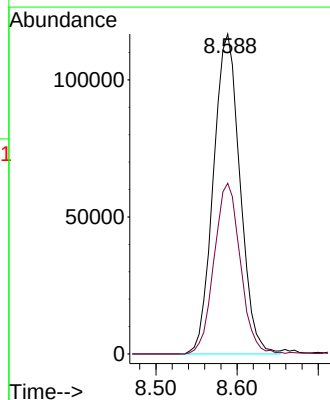
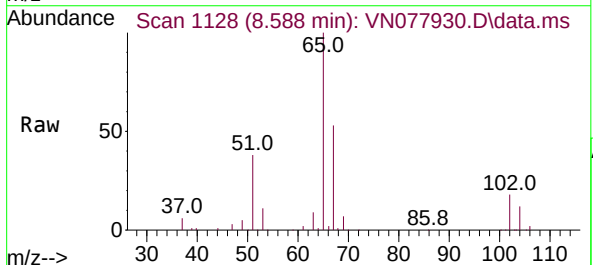
Instrument :
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ClientSampleId :
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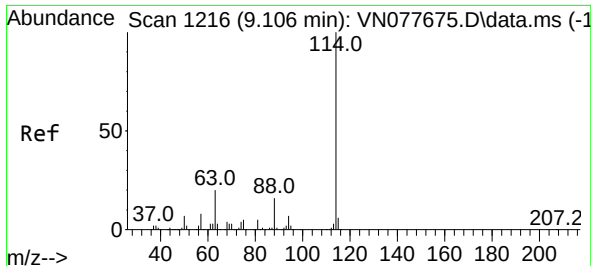
Tgt Ion: 56 Resp: 9265
Ion Ratio Lower Upper
56 100
69 166.3 26.8 40.2#
84 118.7 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 46.470 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

Tgt Ion: 65 Resp: 265624
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

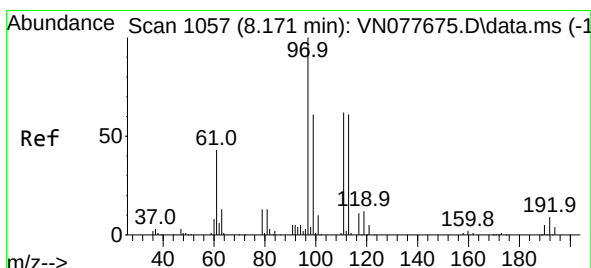
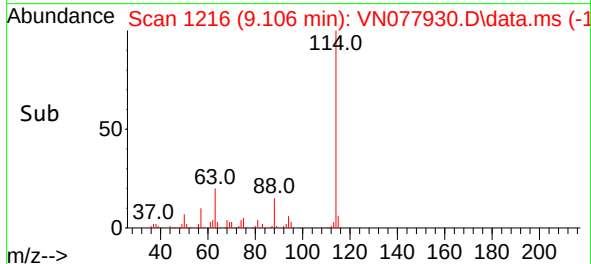
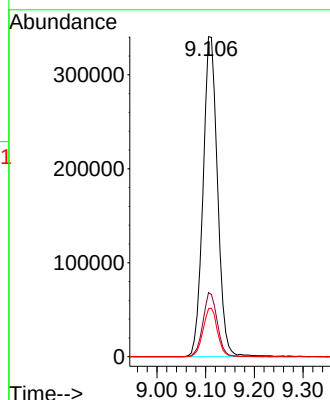
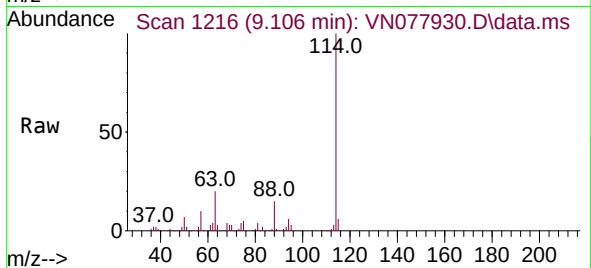




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

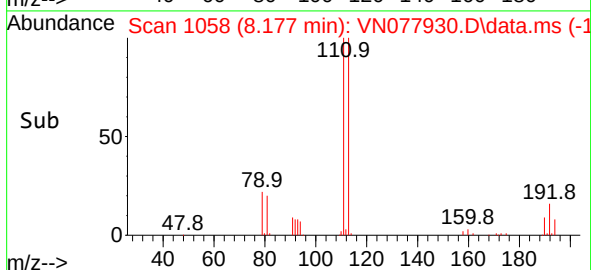
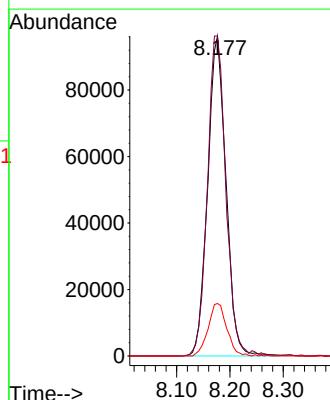
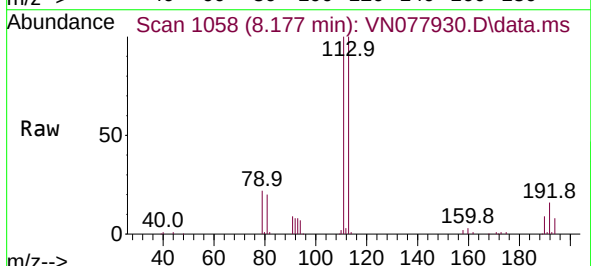
Instrument :
MSVOA_N
ClientSampleId :
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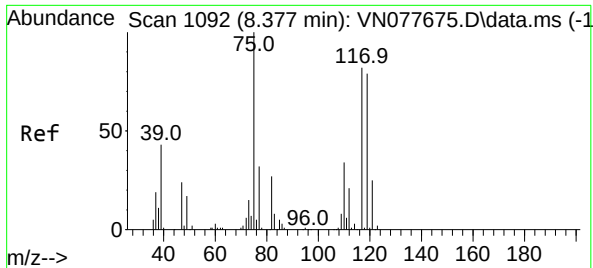
Tgt Ion:114 Resp: 703392
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.116 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

Tgt Ion:113 Resp: 229867
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 16.7 12.7 19.1

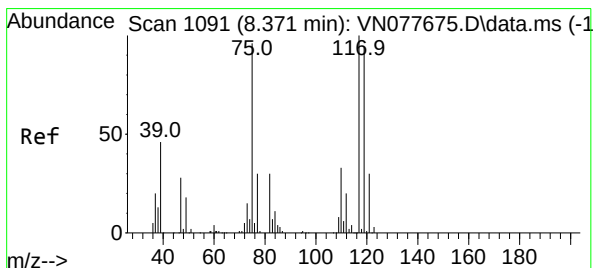
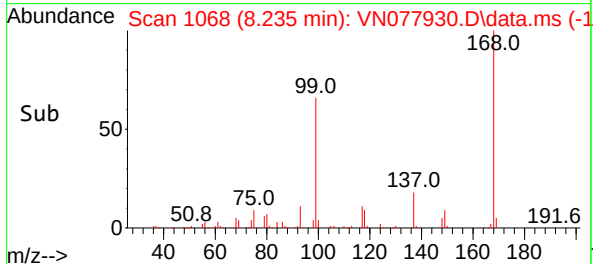
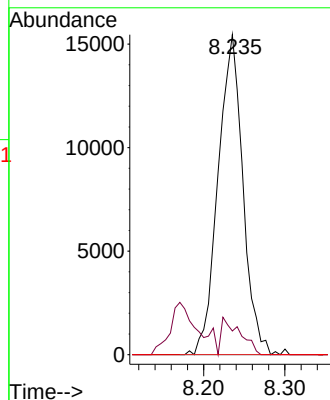
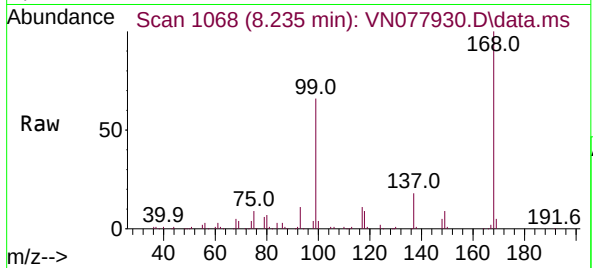




#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

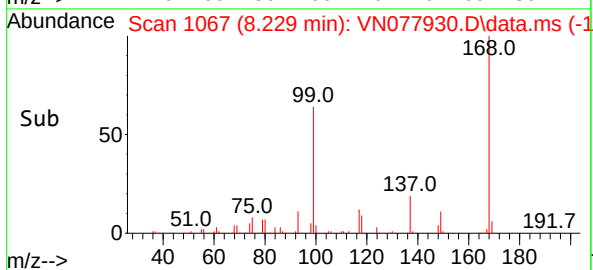
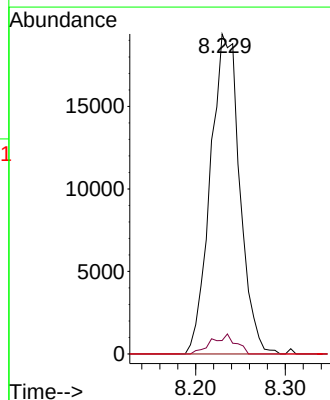
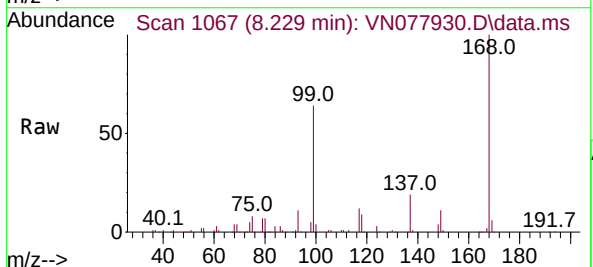
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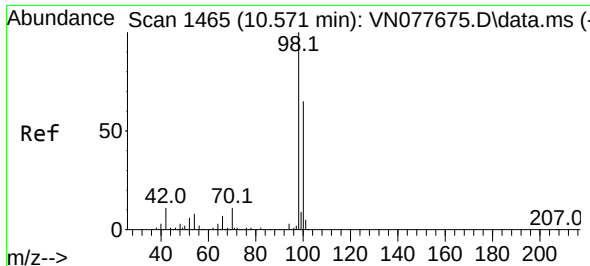
Tgt Ion: 75 Resp: 32828
Ion Ratio Lower Upper
75 100
110 8.8 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.497 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

Tgt Ion: 117 Resp: 44012
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 23.3 34.9#

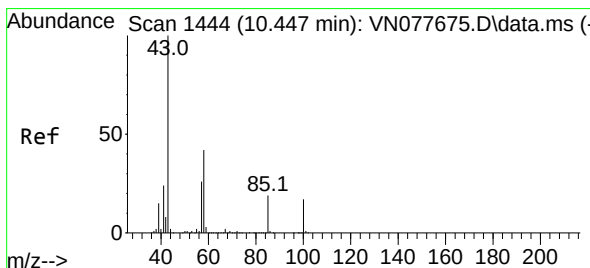
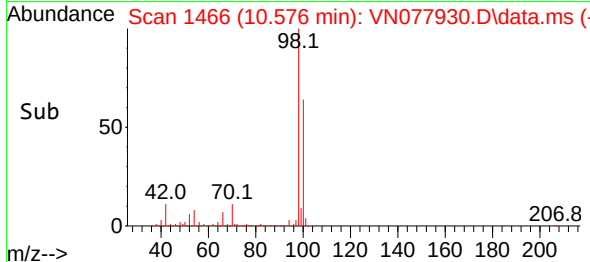
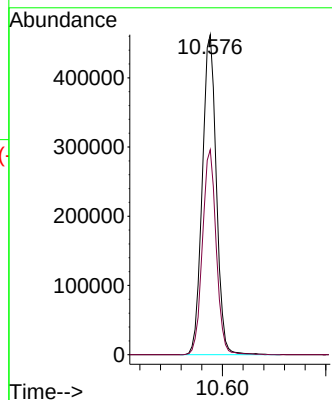
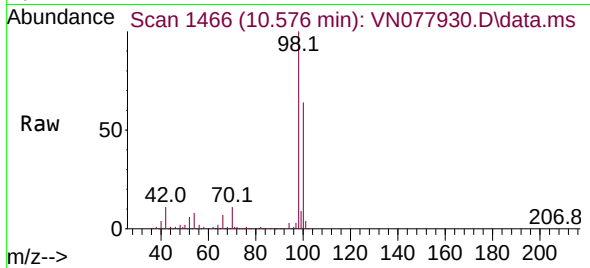




#50
Toluene-d8
Concen: 49.324 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

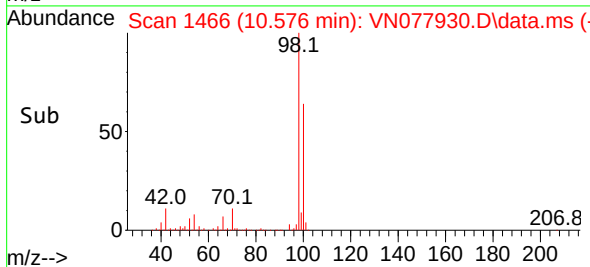
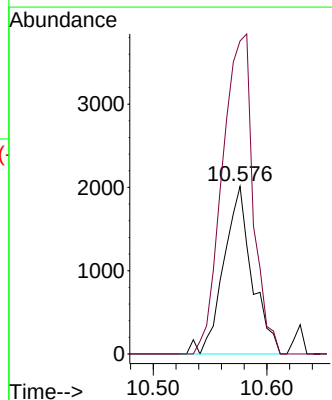
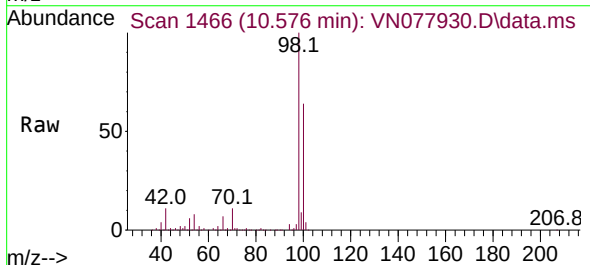
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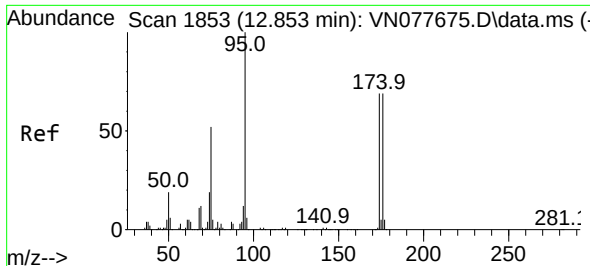
Tgt Ion: 98 Resp: 870807
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.129 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

Tgt Ion: 43 Resp: 3489
Ion Ratio Lower Upper
43 100
58 208.1 36.6 54.8#

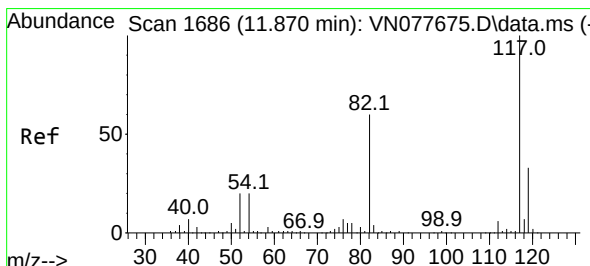
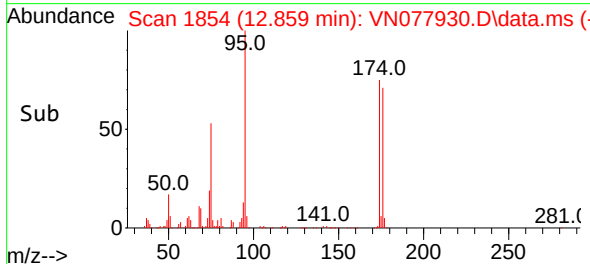
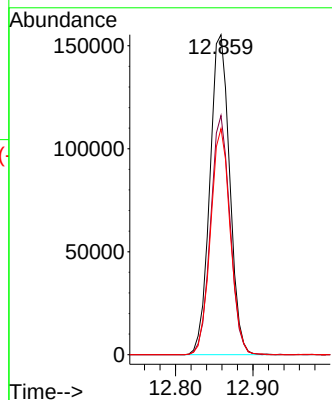
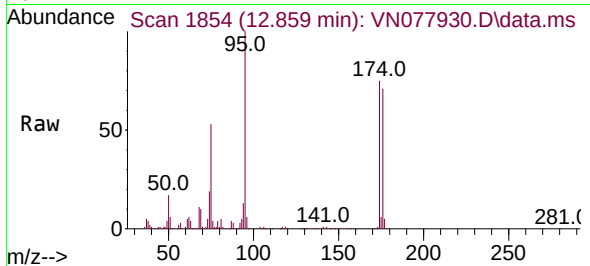




#62
4-Bromofluorobenzene
Concen: 44.219 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

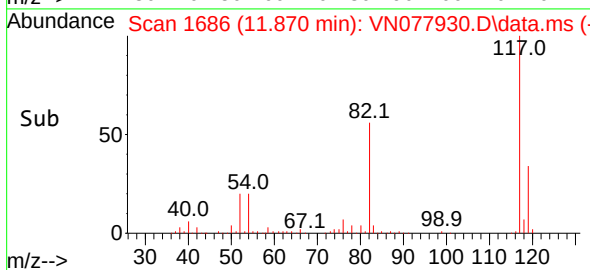
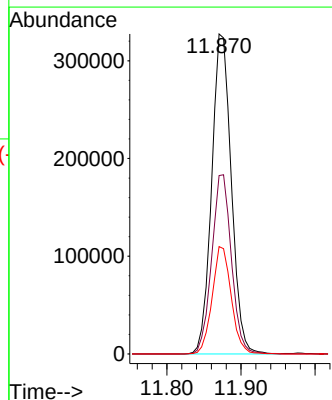
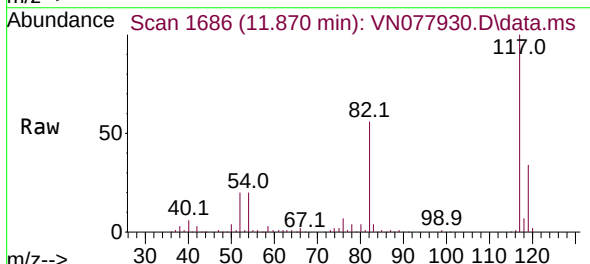
Instrument :
MSVOA_N
ClientSampleId :
TWP04

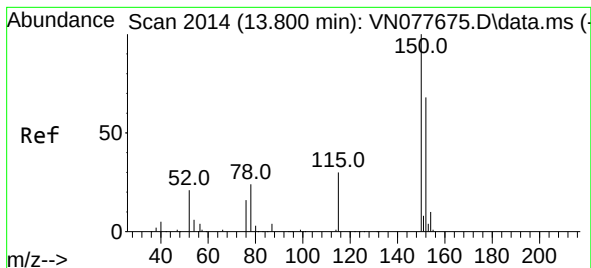
Tgt Ion: 95 Resp: 275716
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077930.D
Acq: 26 May 2023 16:17

Tgt Ion: 117 Resp: 602714
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 33.5 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: VN077930.D

Acq: 26 May 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

TWP04

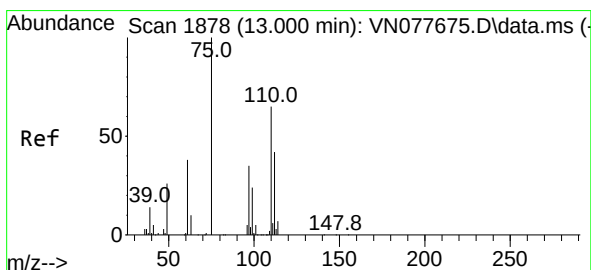
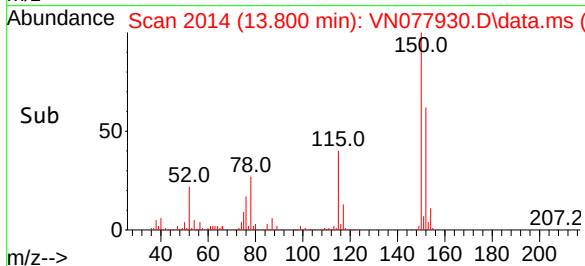
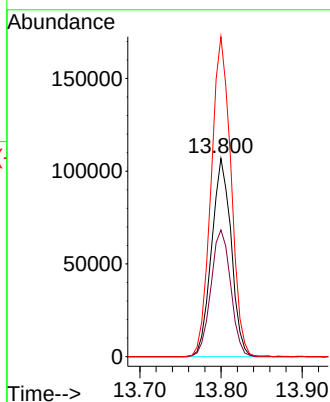
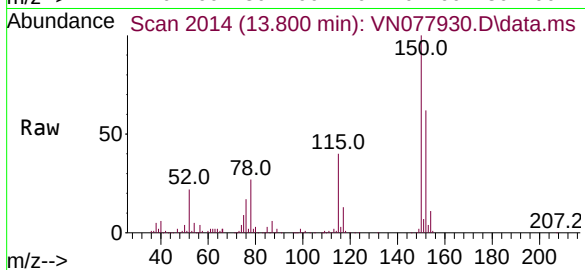
Tgt Ion:152 Resp: 179475

Ion Ratio Lower Upper

152 100

115 64.5 32.3 96.8

150 163.4 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 32.855 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. -0.141 min

Lab File: VN077930.D

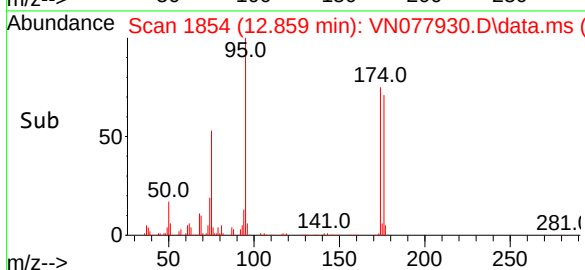
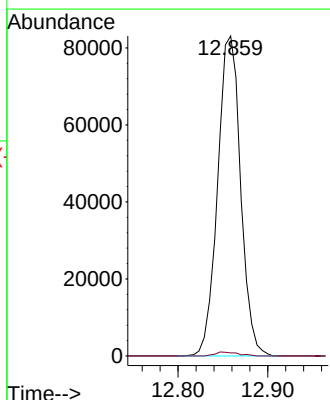
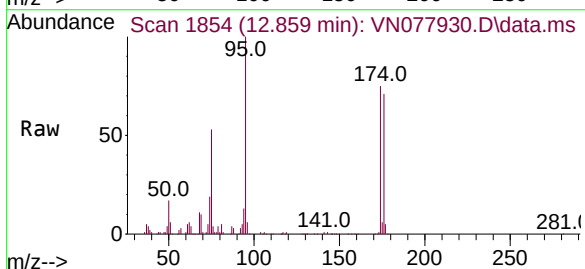
Acq: 26 May 2023 16:17

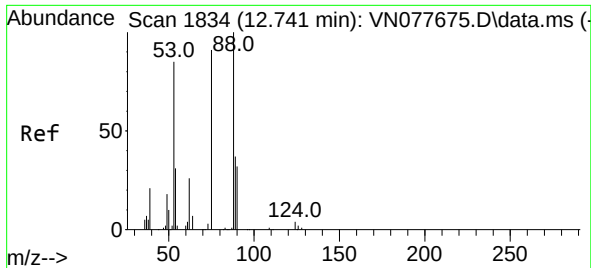
Tgt Ion: 75 Resp: 147675

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.023 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077930.D
 Acq: 26 May 2023 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP04

Tgt Ion: 75 Resp: 147675
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

