

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076853.D
 Acq On : 28 Jul 2023 14:27
 Operator : KP/SY
 Sample : 03770-11
 Misc : 5.16G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HOWE-2-LP

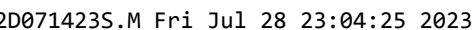
Quant Time: Jul 28 23:04:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

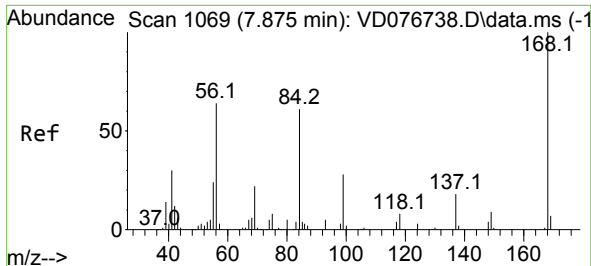
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	183985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	329964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93132	50.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.640%	
35) Dibromofluoromethane	7.804	113	110577	50.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.020%	
50) Toluene-d8	10.269	98	432010	54.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.240%	
62) 4-Bromofluorobenzene	12.575	95	130660	51.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.120%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	19161	Below Cal		92
31) Cyclohexane	7.869	56	4328	1.605	ug/l #	16
36) 1,1-Dichloropropene	7.875	75	15508	5.368	ug/l #	47
38) Carbon Tetrachloride	7.875	117	18384	6.645	ug/l #	18
74) N-amyl acetate	12.198	43	2247	1.015	ug/l #	70
76) 1,2,3-Trichloropropane	12.575	75	68113	49.464	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	68113	105.271	ug/l #	19

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

Quant Time: Jul 28 23:04:13 2023
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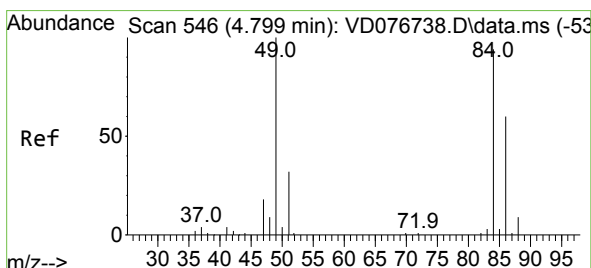
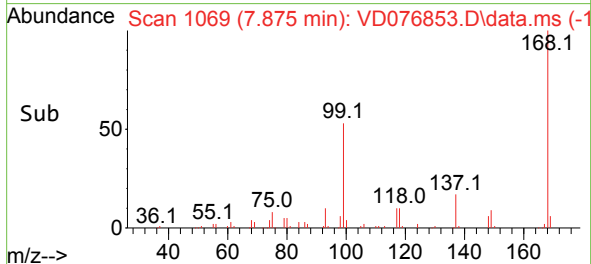
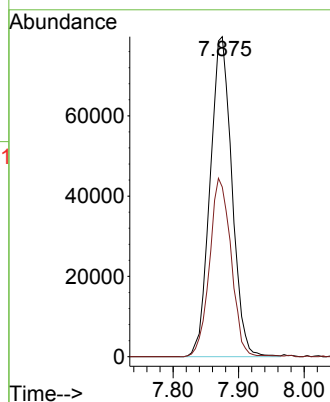
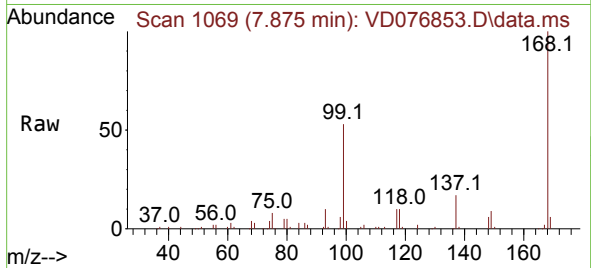




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

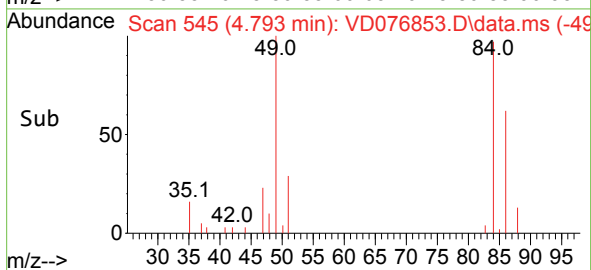
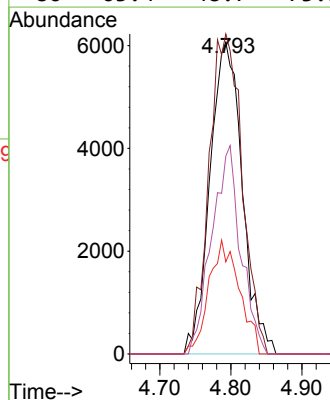
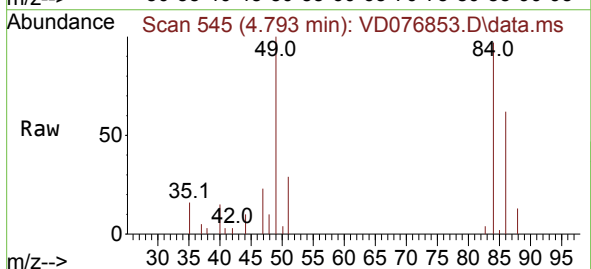
Instrument :
MSVOA_D
ClientSampleId :
HOWE-2-LP

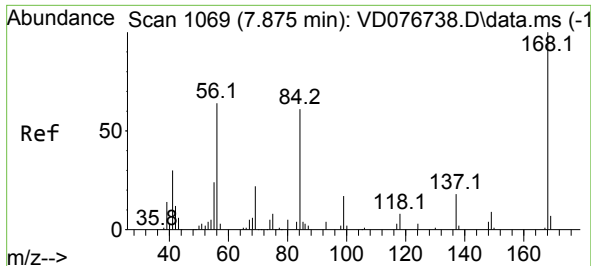
Tgt Ion:168 Resp: 183985
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

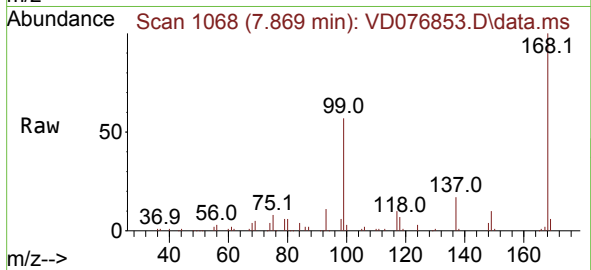
Tgt Ion: 84 Resp: 19161
Ion Ratio Lower Upper
84 100
49 102.6 71.4 107.2
51 29.6 24.5 36.7
86 63.4 48.7 73.1



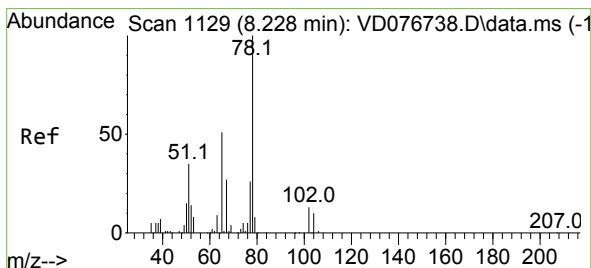
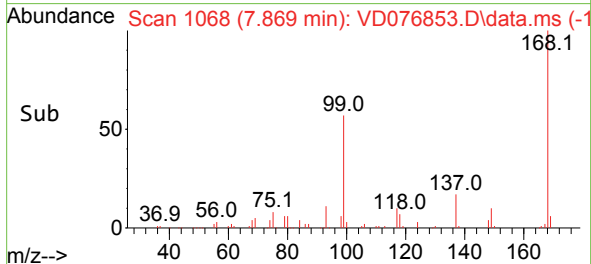
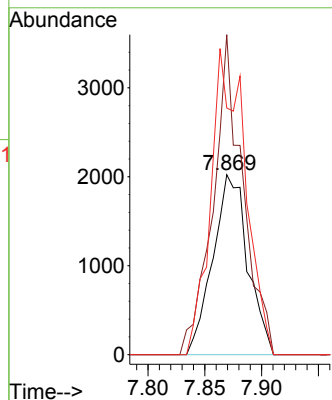


#31
Cyclohexane
Concen: 1.605 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

Instrument :
MSVOA_D
ClientSampleId :
HOWE-2-LP

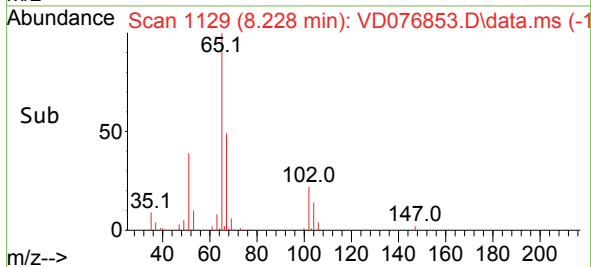
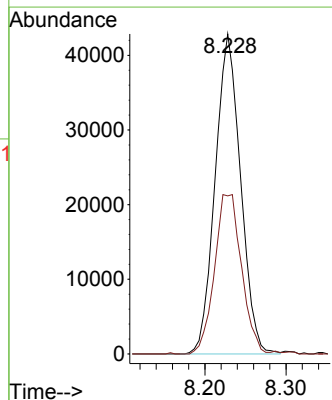
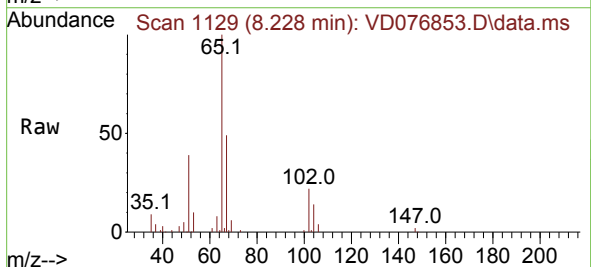


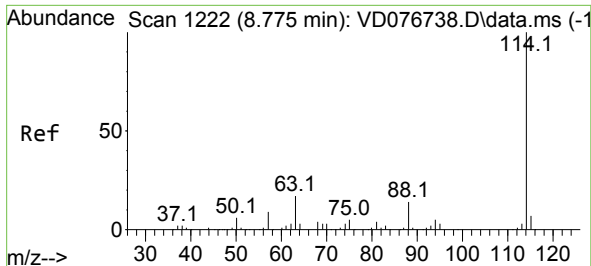
Tgt Ion: 56 Resp: 4328
Ion Ratio Lower Upper
56 100
69 177.8 28.6 43.0#
84 137.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 50.821 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

Tgt Ion: 65 Resp: 93132
Ion Ratio Lower Upper
65 100
67 53.1 0.0 115.0

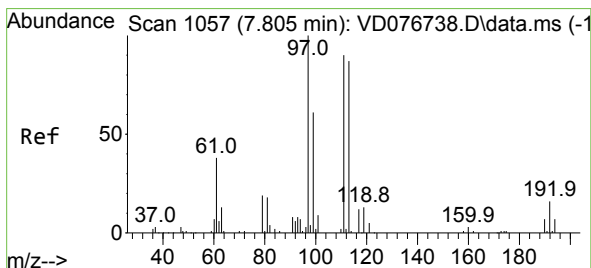
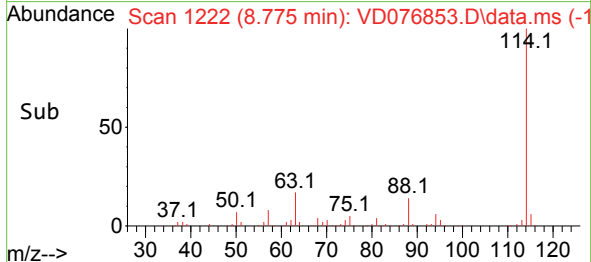
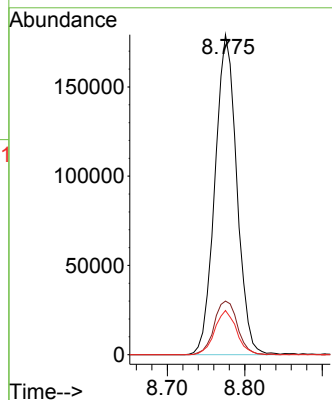
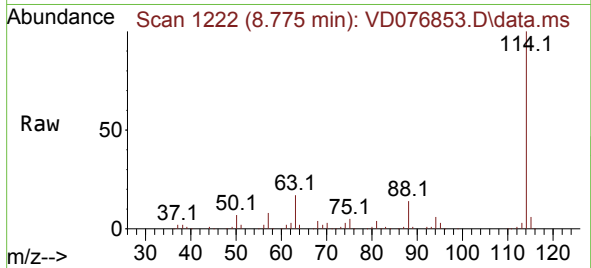




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

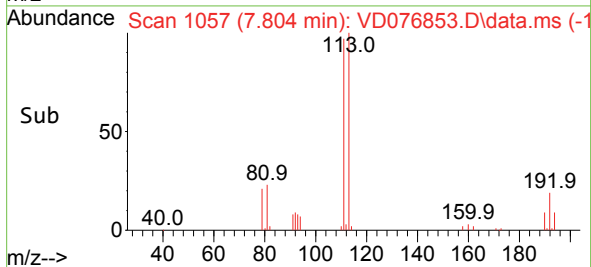
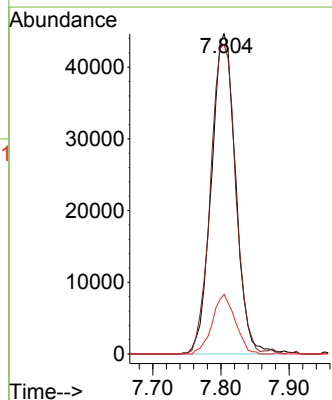
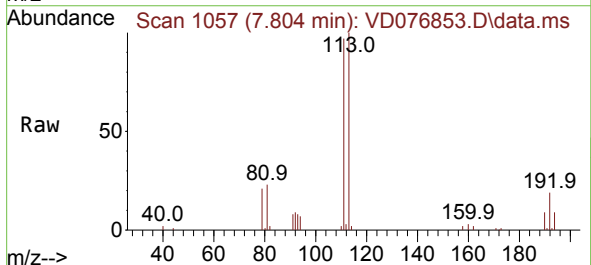
Instrument :
MSVOA_D
ClientSampleId :
HOWE-2-LP

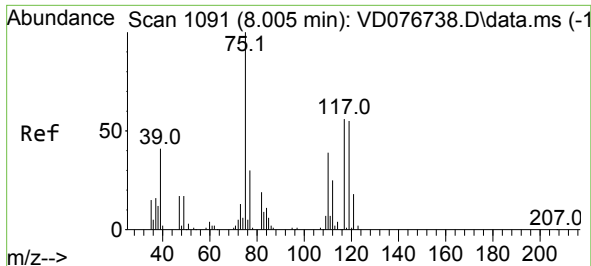
Tgt Ion:114 Resp: 351846
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.4
88 13.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 50.012 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

Tgt Ion:113 Resp: 110577
Ion Ratio Lower Upper
113 100
111 100.0 84.7 127.1
192 17.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.368 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076853.D

Acq: 28 Jul 2023 14:27

Instrument :

MSVOA_D

ClientSampleId :

HOWE-2-LP

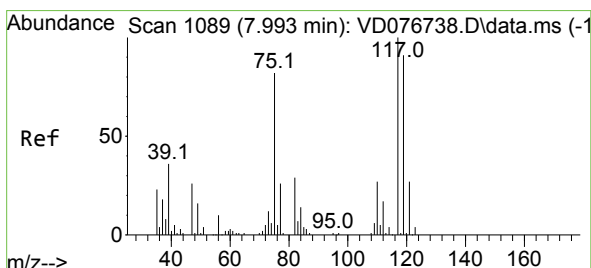
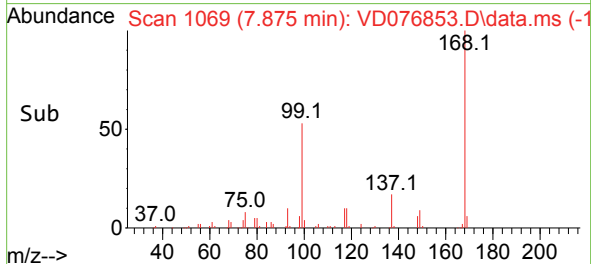
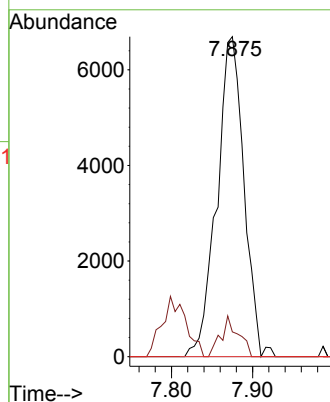
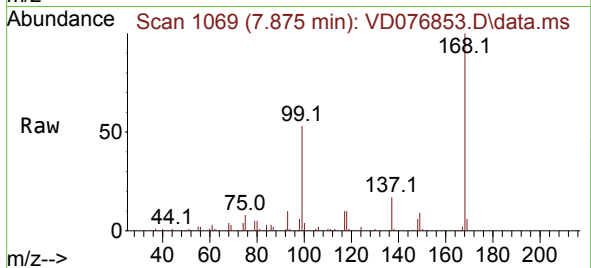
Tgt Ion: 75 Resp: 15508

Ion Ratio Lower Upper

75 100

110 8.2 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.645 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076853.D

Acq: 28 Jul 2023 14:27

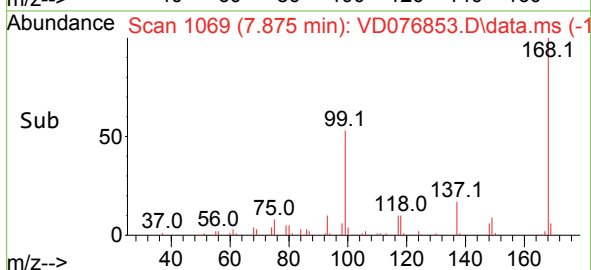
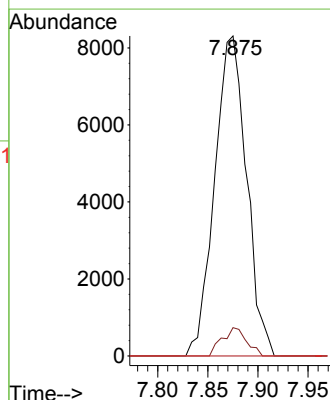
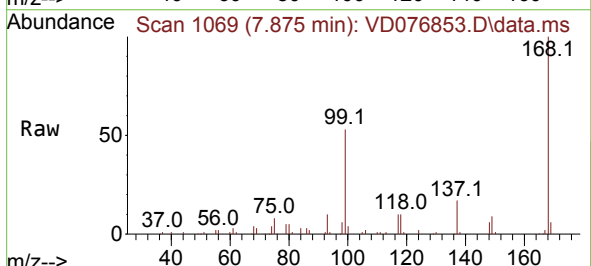
Tgt Ion: 117 Resp: 18384

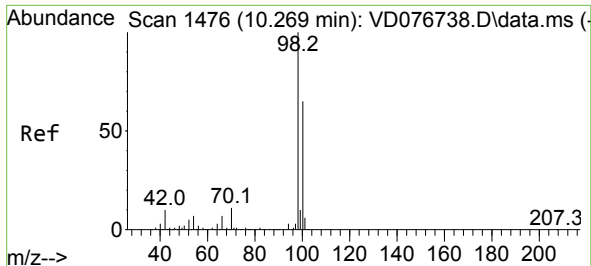
Ion Ratio Lower Upper

117 100

119 8.9 78.0 117.0#

121 0.0 24.2 36.2#

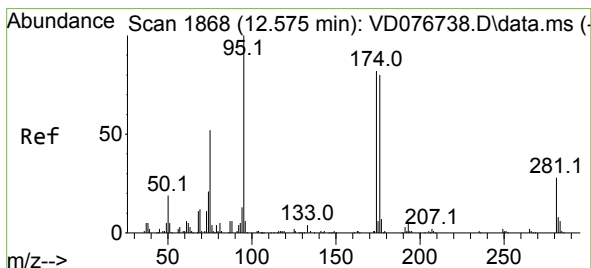
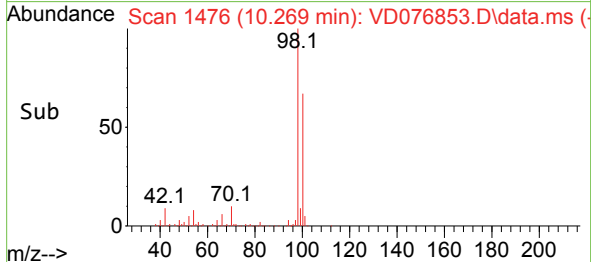
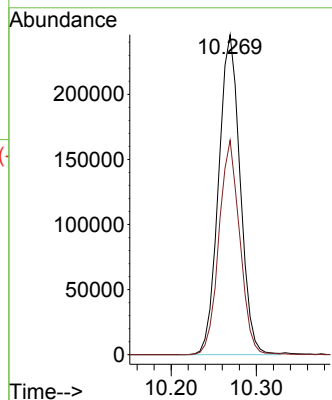
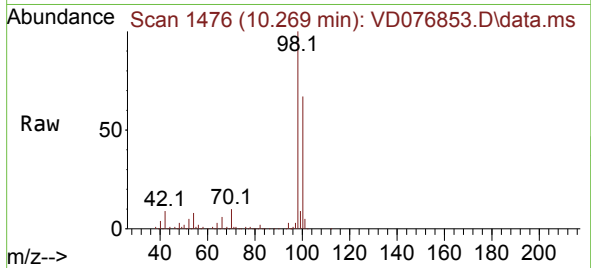




#50
Toluene-d8
Concen: 54.618 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

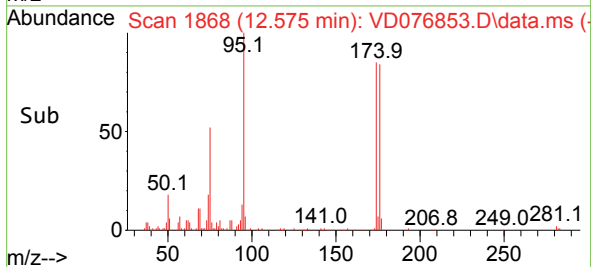
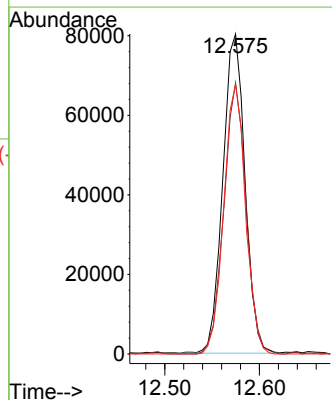
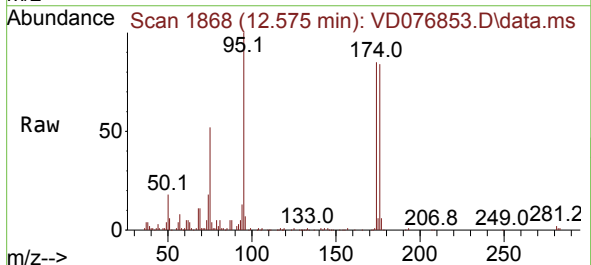
Instrument :
MSVOA_D
ClientSampleId :
HOWE-2-LP

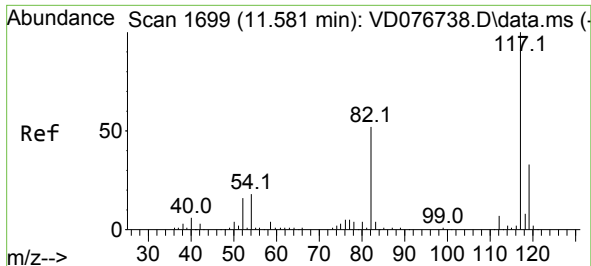
Tgt Ion: 98 Resp: 432010
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.063 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

Tgt Ion: 95 Resp: 130660
Ion Ratio Lower Upper
95 100
174 85.0 0.0 201.8
176 83.1 0.0 191.8

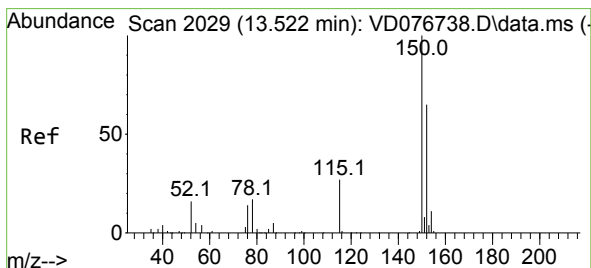
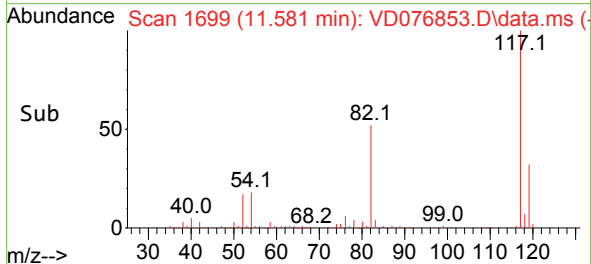
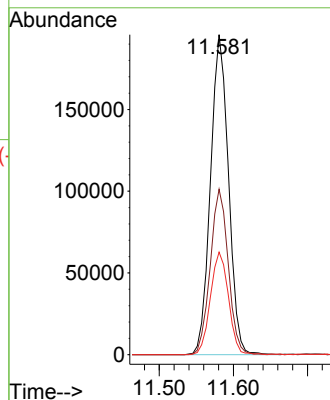
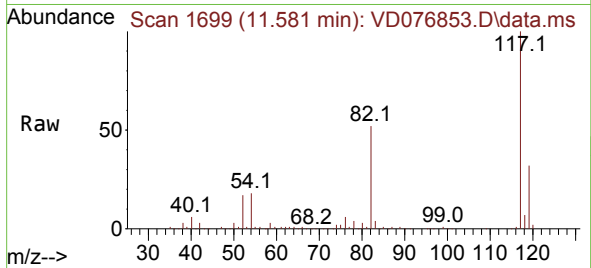




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

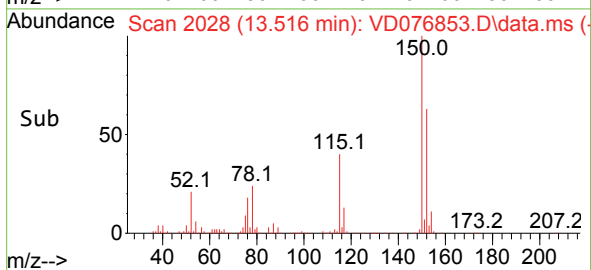
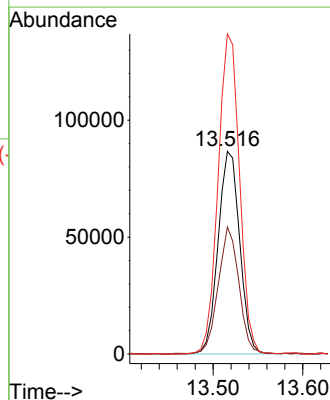
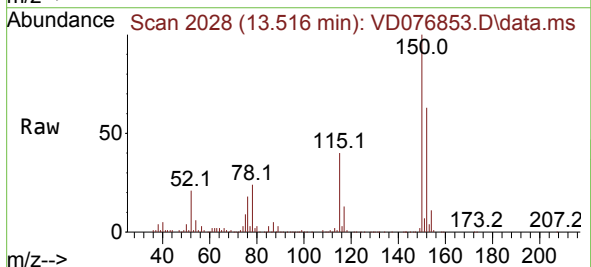
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ClientSampleId :
HOWE-2-LP

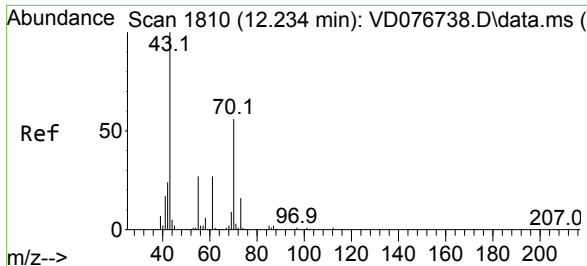
Tgt Ion:117 Resp: 329964
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

Tgt Ion:152 Resp: 144800
Ion Ratio Lower Upper
152 100
115 60.4 27.1 81.3
150 156.6 0.0 353.6

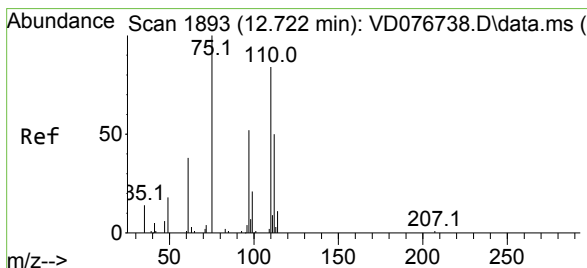
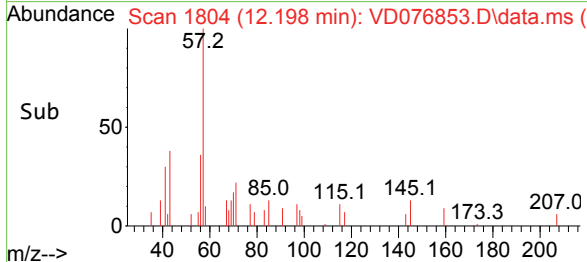
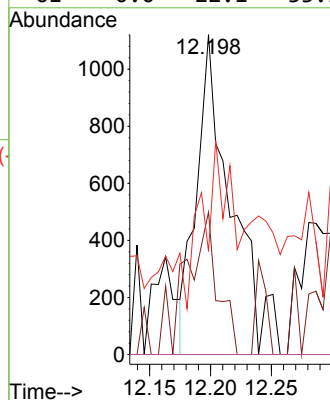
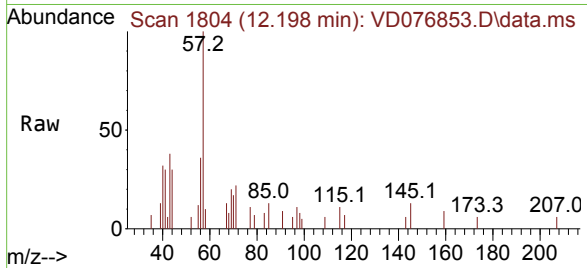




#74
N-amy1 acetate
Concen: 1.015 ug/l
RT: 12.198 min Scan# 1804
Delta R.T. -0.036 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

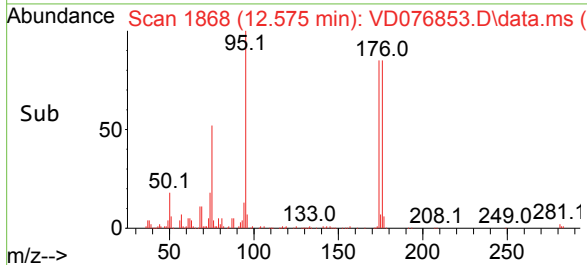
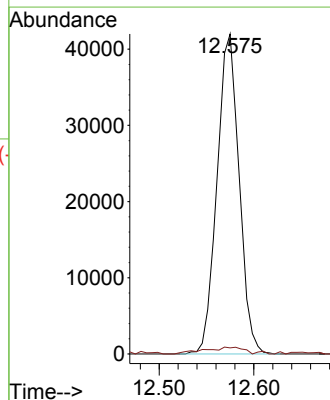
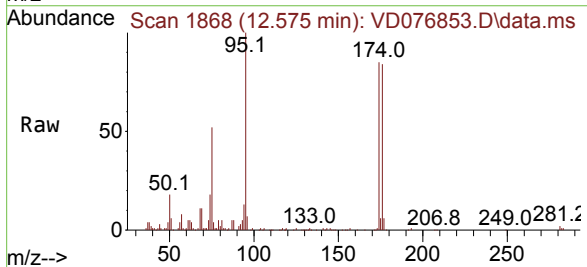
Instrument :
MSVOA_D
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HOWE-2-LP

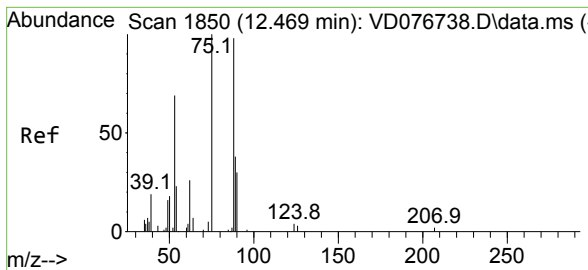
Tgt Ion: 43 Resp: 2247
Ion Ratio Lower Upper
43 100
70 40.8 45.0 67.4#
55 44.3 23.8 35.6#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 49.464 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076853.D
Acq: 28 Jul 2023 14:27

Tgt Ion: 75 Resp: 68113
Ion Ratio Lower Upper
75 100
77 3.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.271 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076853.D
 Acq: 28 Jul 2023 14:27

Instrument :
 MSVOA_D
 ClientSampleId :
 HOWE-2-LP

Tgt Ion: 75	Resp: 68113
Ion Ratio	Lower Upper
75	100
53	2.0 63.0 94.4#
89	0.0 37.9 56.9#

