

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076854.D
 Acq On : 28 Jul 2023 14:55
 Operator : KP/SY
 Sample : 03810-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P3A

Quant Time: Jul 28 23:04:34 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)

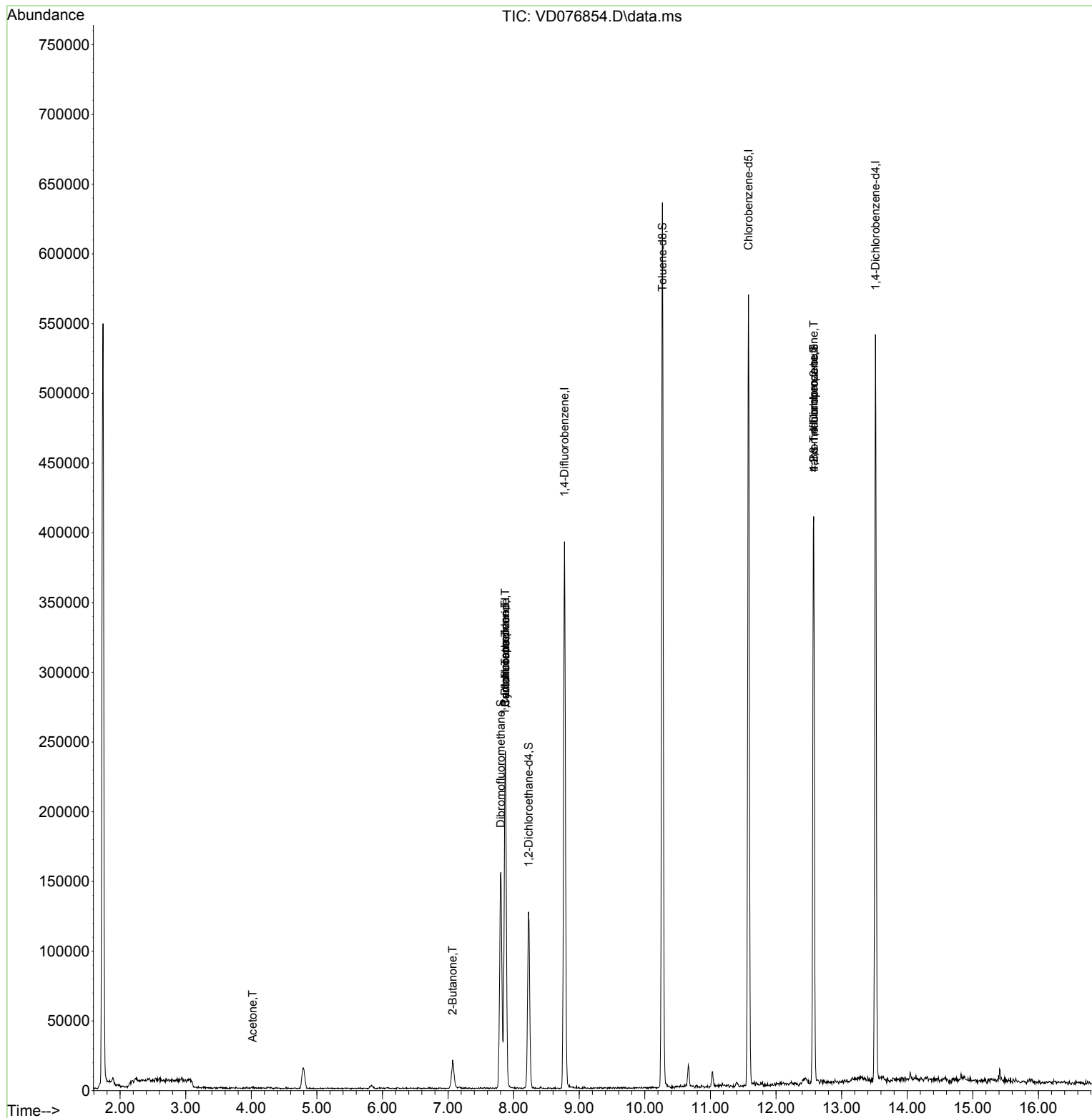
Internal Standards						
1) Pentafluorobenzene	7.875	168	188950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	333309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96311	51.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.340%	
35) Dibromofluoromethane	7.804	113	113976	50.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.269	98	440017	54.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.760%	
62) 4-Bromofluorobenzene	12.575	95	126402	48.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	723	1.609	ug/l	88
20) Methylene Chloride	4.793	84	10749	Below Cal	#	81
25) 2-Butanone	7.069	43	839	1.395	ug/l #	37
31) Cyclohexane	7.875	56	4126	1.490	ug/l #	8
36) 1,1-Dichloropropene	7.869	75	15617	5.333	ug/l #	46
38) Carbon Tetrachloride	7.875	117	19622	6.997	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	69878	52.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	69878	110.905	ug/l #	17

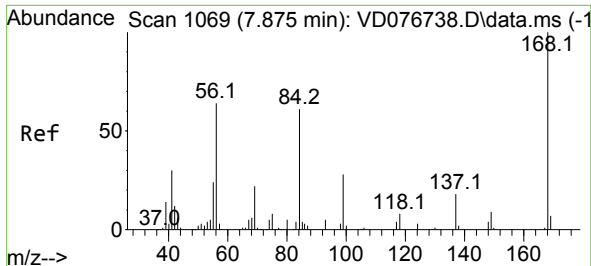
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
Data File : VD076854.D
Acq On : 28 Jul 2023 14:55
Operator : KP/SY
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Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-P3A

Quant Time: Jul 28 23:04:34 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

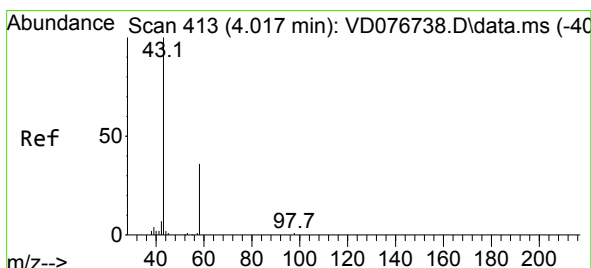
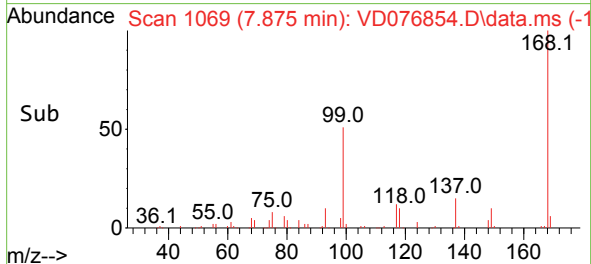
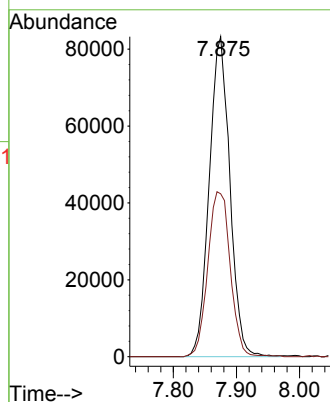
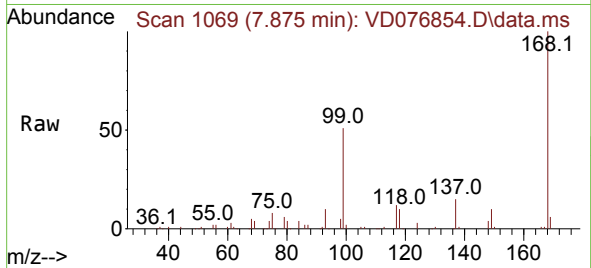




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

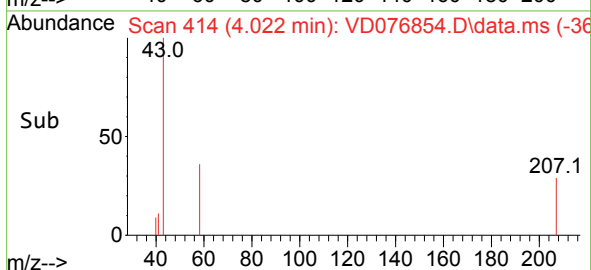
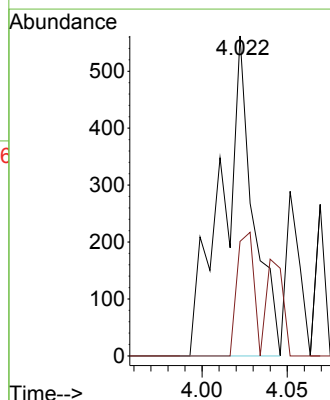
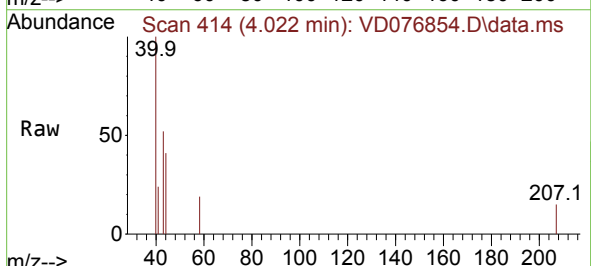
Instrument :
MSVOA_D
ClientSampleId :
B-P3A

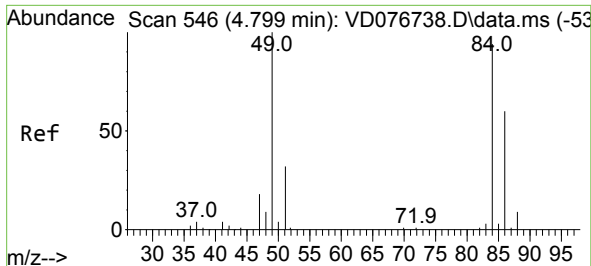
Tgt Ion:168 Resp: 188950
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1



#16
Acetone
Concen: 1.609 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 35.8 34.7 52.1



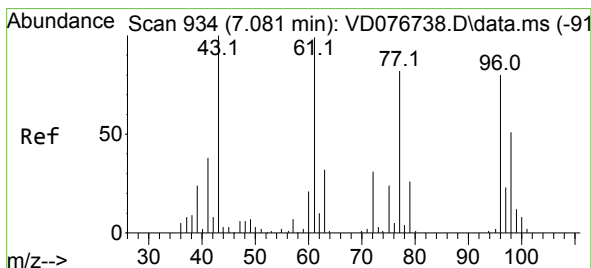
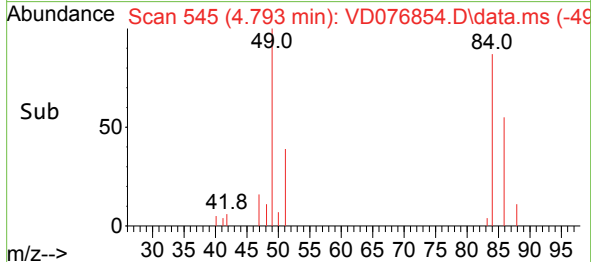
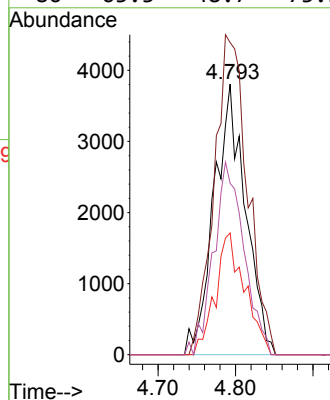
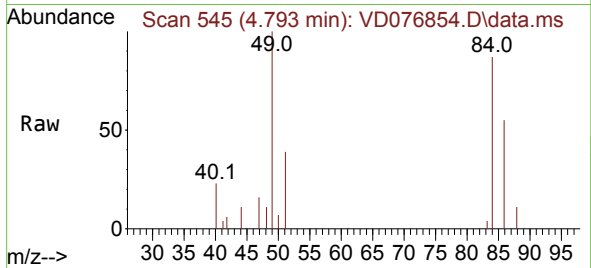


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :
B-P3A

Tgt Ion: 84 Resp: 10749

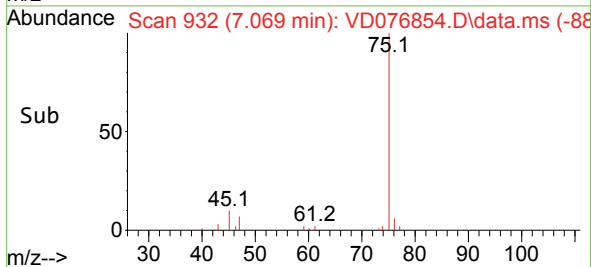
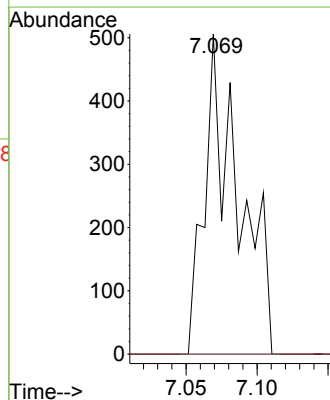
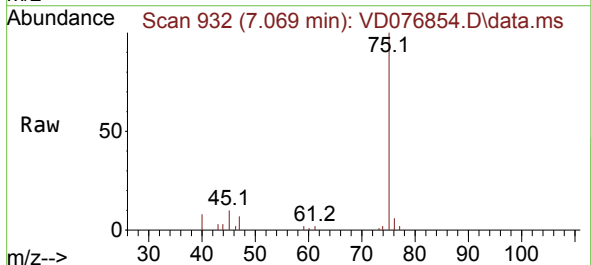
Ion	Ratio	Lower	Upper
84	100		
49	115.4	71.4	107.2#
51	45.0	24.5	36.7#
86	63.3	48.7	73.1

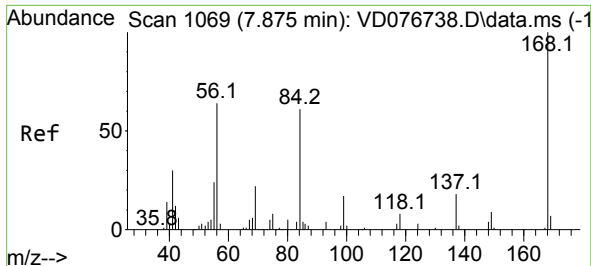


#25
2-Butanone
Concen: 1.395 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Tgt Ion: 43 Resp: 839

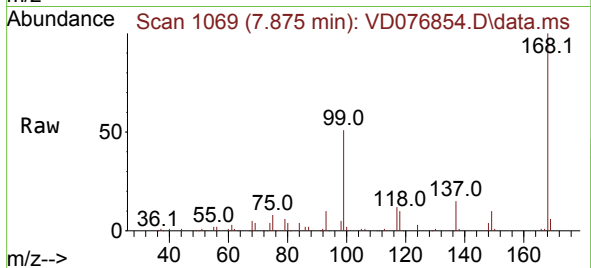
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



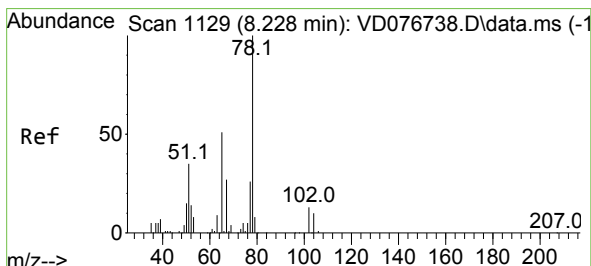
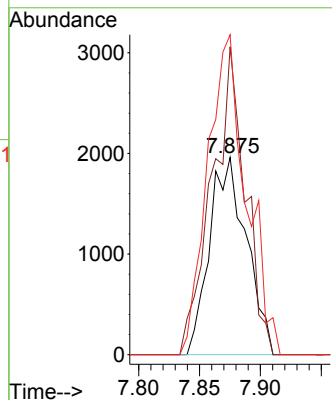
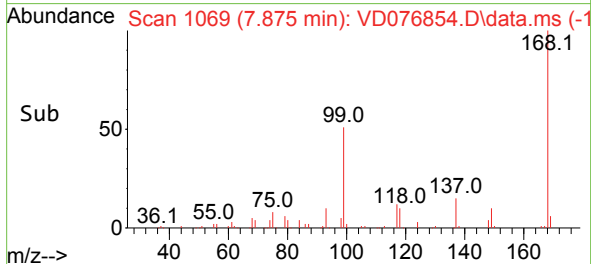


#31
Cyclohexane
Concen: 1.490 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :
B-P3A

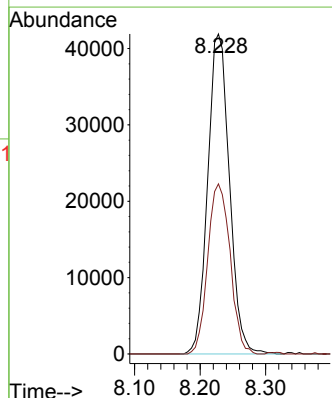
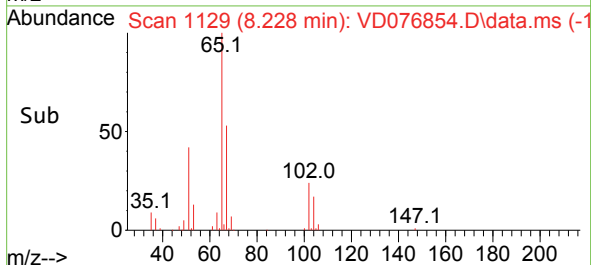
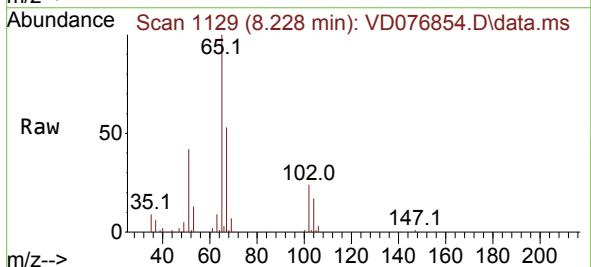


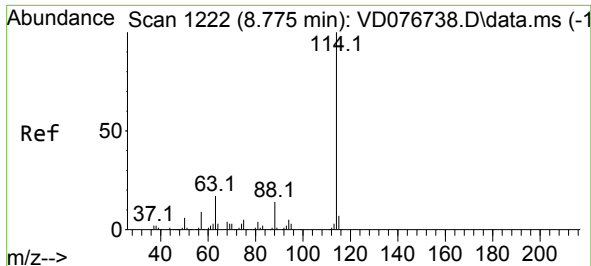
Tgt Ion: 56 Resp: 4126
Ion Ratio Lower Upper
56 100
69 156.1 28.6 43.0#
84 162.2 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 51.175 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Tgt Ion: 65 Resp: 96311
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0

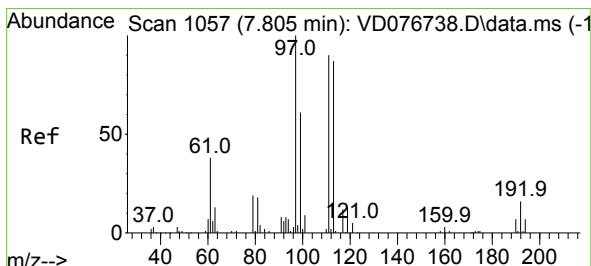
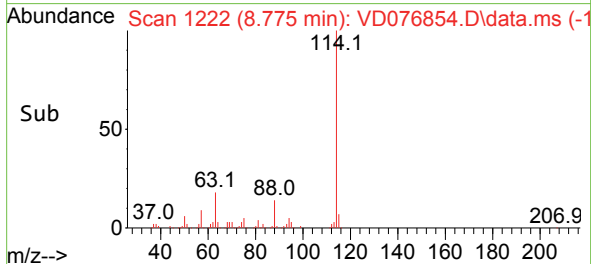
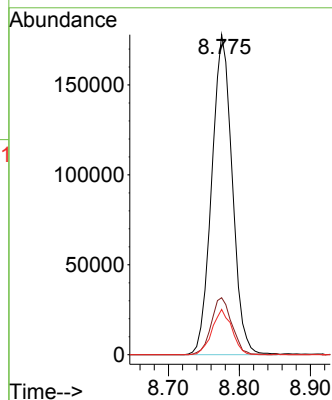
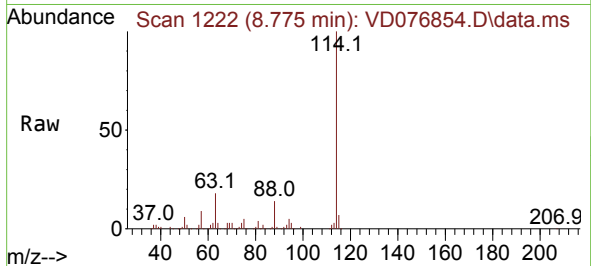




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

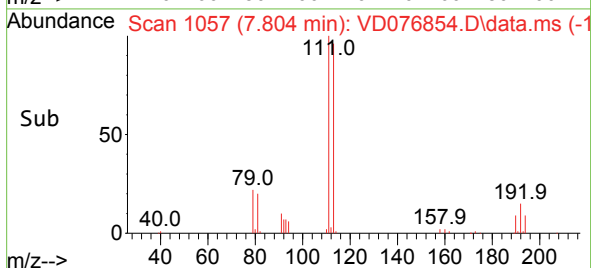
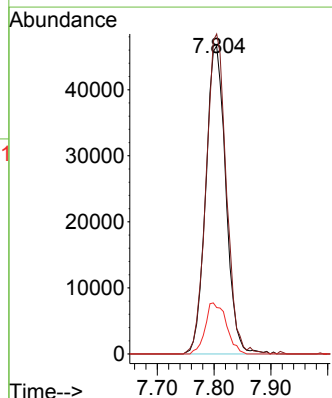
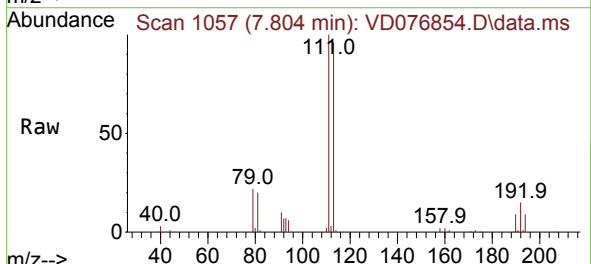
Instrument :
MSVOA_D
ClientSampleId :
B-P3A

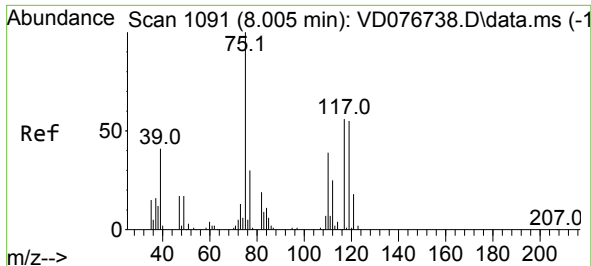
Tgt Ion:114 Resp: 356649
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 14.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 50.855 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Tgt Ion:113 Resp: 113976
Ion Ratio Lower Upper
113 100
111 104.8 84.7 127.1
192 17.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.333 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD076854.D

Acq: 28 Jul 2023 14:55

Instrument :

MSVOA_D

ClientSampleId :

B-P3A

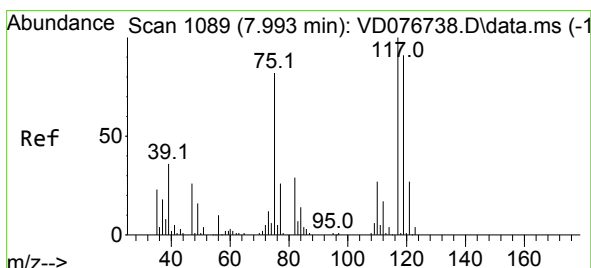
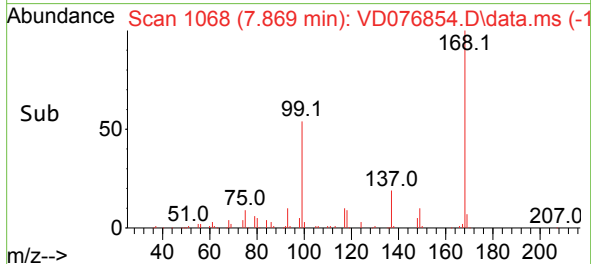
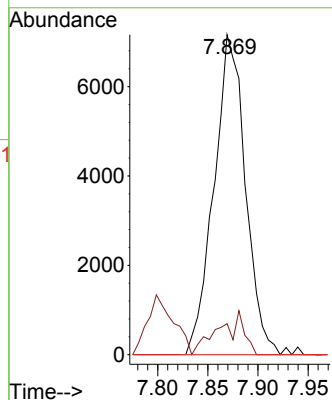
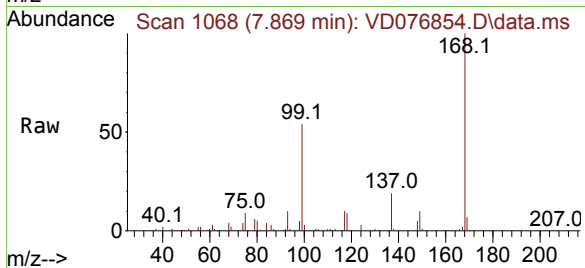
Tgt Ion: 75 Resp: 15617

Ion Ratio Lower Upper

75 100

110 7.2 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.997 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076854.D

Acq: 28 Jul 2023 14:55

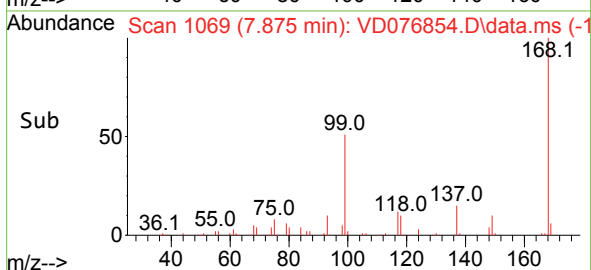
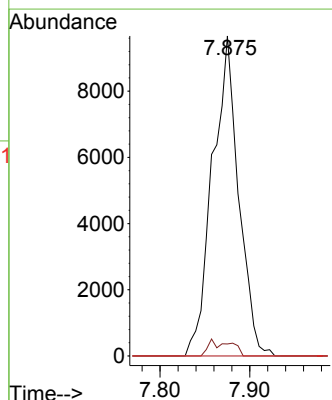
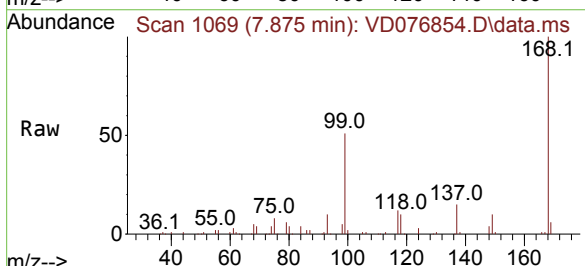
Tgt Ion: 117 Resp: 19622

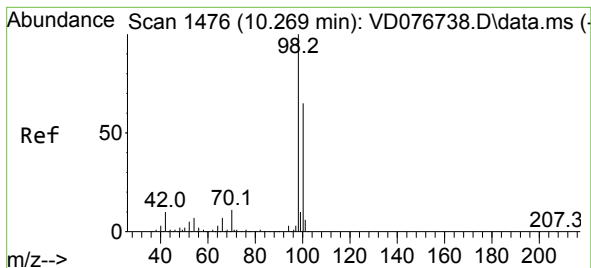
Ion Ratio Lower Upper

117 100

119 3.7 78.0 117.0#

121 0.0 24.2 36.2#

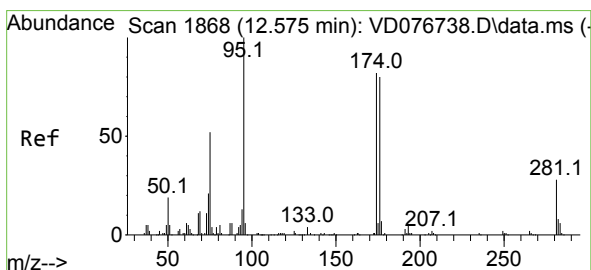
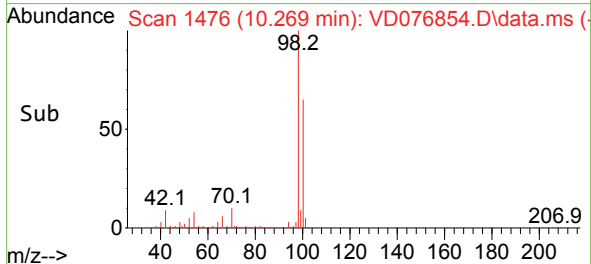
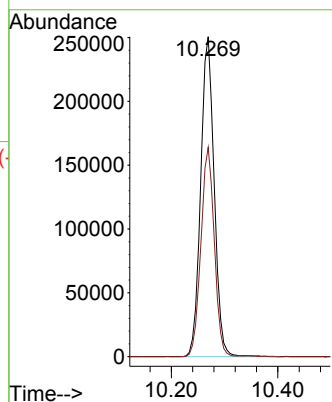
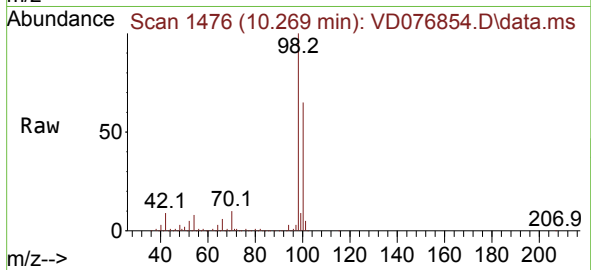




#50
Toluene-d8
Concen: 54.881 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

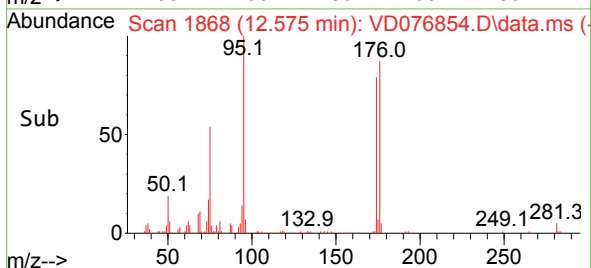
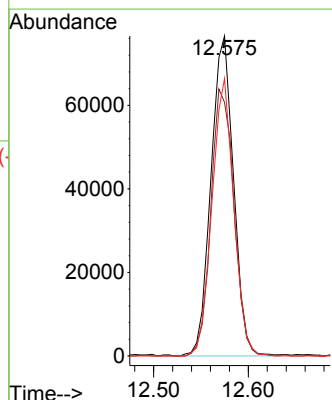
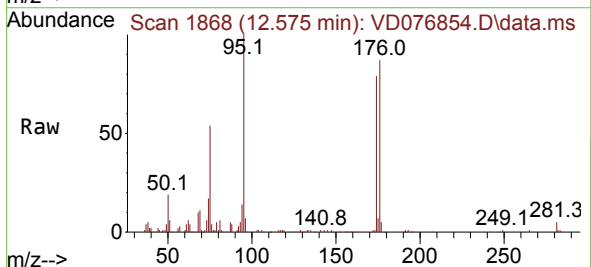
Instrument :
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B-P3A

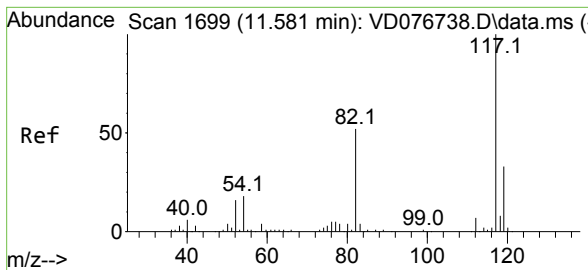
Tgt Ion: 98 Resp: 440017
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.734 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Tgt Ion: 95 Resp: 126402
Ion Ratio Lower Upper
95 100
174 85.6 0.0 201.8
176 83.9 0.0 191.8

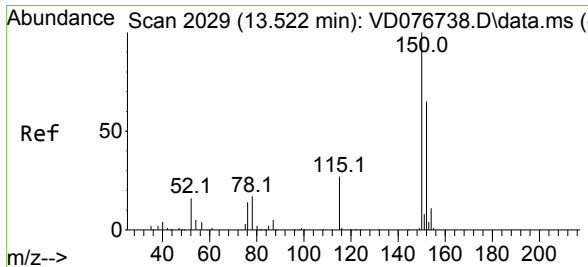
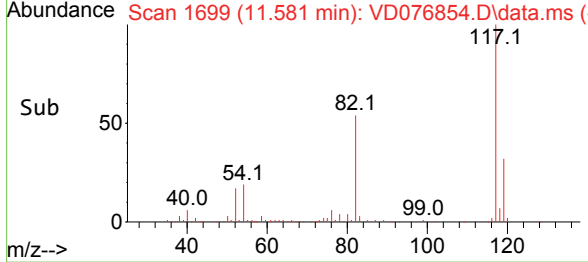
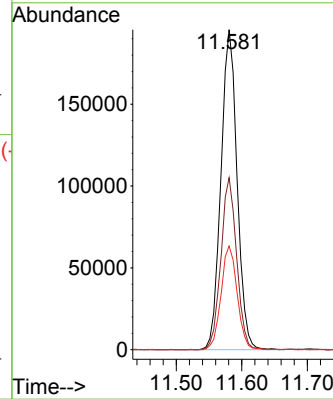
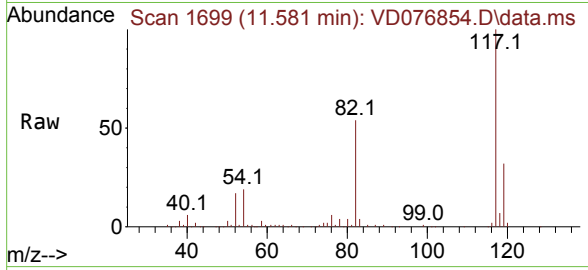




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

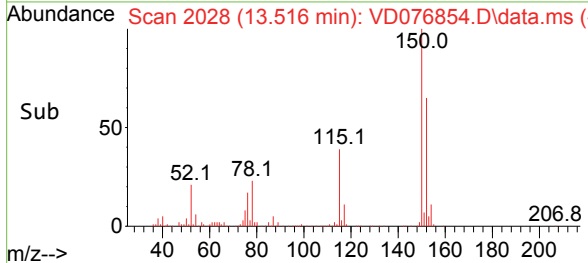
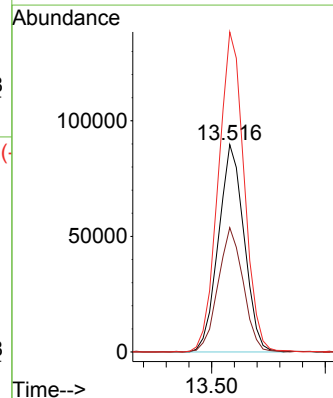
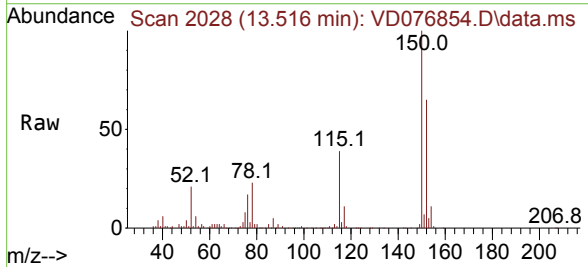
Instrument :
MSVOA_D
ClientSampleId :
B-P3A

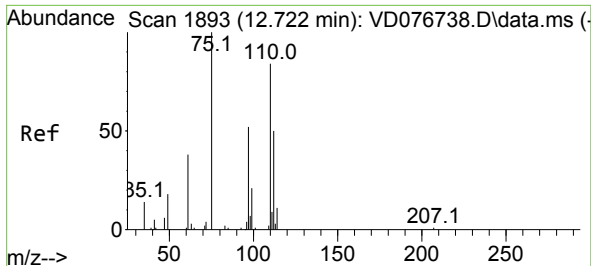
Tgt Ion:117 Resp: 333309
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Tgt Ion:152 Resp: 141006
Ion Ratio Lower Upper
152 100
115 58.6 27.1 81.3
150 155.1 0.0 353.6

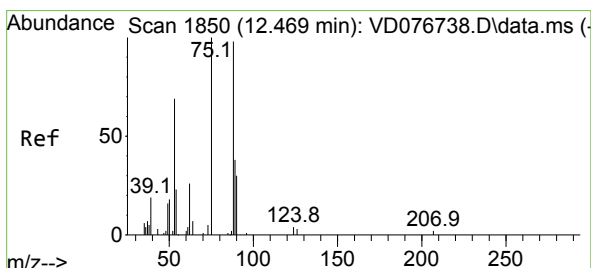
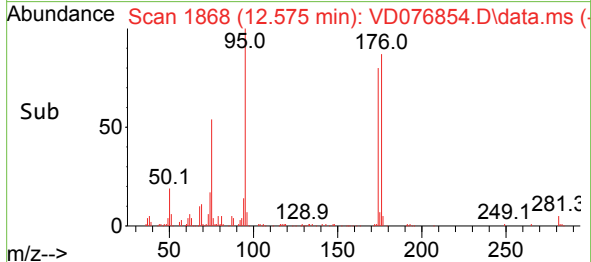
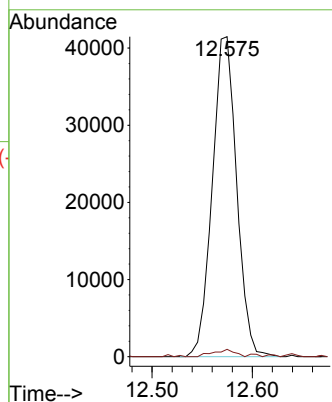
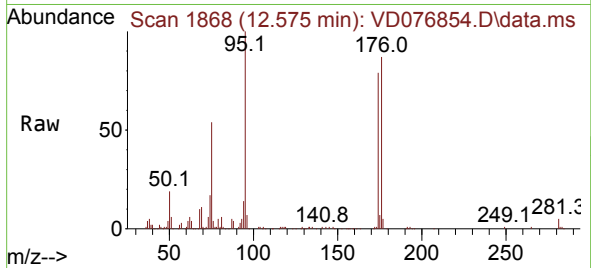




#76
1,2,3-Trichloropropane
Concen: 52.111 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :
B-P3A

Tgt Ion: 75 Resp: 69878
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.905 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076854.D
Acq: 28 Jul 2023 14:55

Tgt Ion: 75 Resp: 69878
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

