

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072940.D
 Acq On : 11 May 2022 19:39
 Operator : VA/SY
 Sample : N2776-01
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-280MER-8-15

Quant Time: May 12 04:15:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

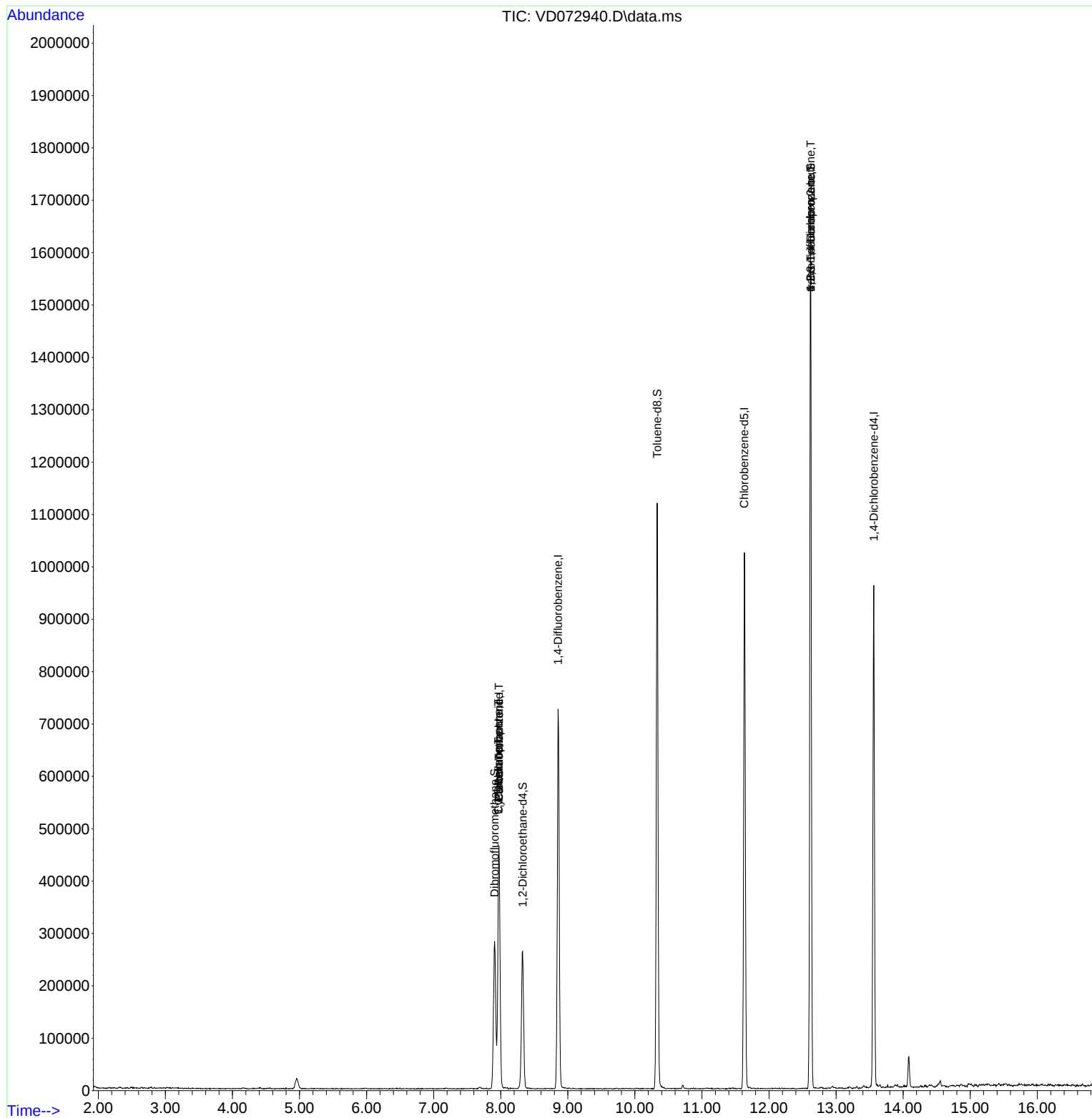
Internal Standards						
1) Pentafluorobenzene	7.973	168	334925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	610515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	589258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210931	48.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.909	113	208345	48.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.180%
50) Toluene-d8	10.332	98	733092	47.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.620	95	280423	48.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	728	Below Cal	#	57
16) Acetone	4.168	43	2998	Below Cal	#	74
18) Methyl Acetate	4.968	43	62	Below Cal	#	55
20) Methylene Chloride	4.956	84	15449	Below Cal	#	80
31) Cyclohexane	7.967	56	7855	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	28743	4.123	ug/l #	51
38) Carbon Tetrachloride	7.973	117	36311	5.017	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	150933	55.463	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	150933	127.543	ug/l #	8

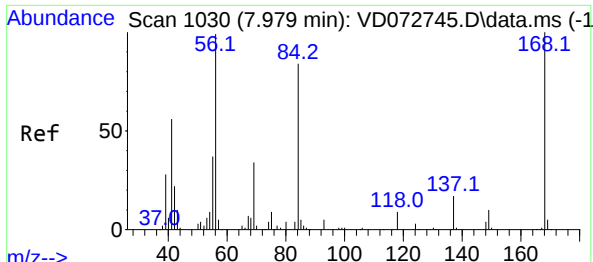
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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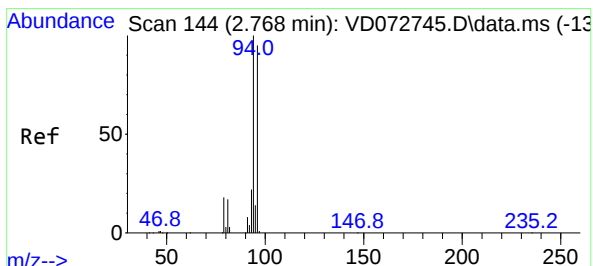
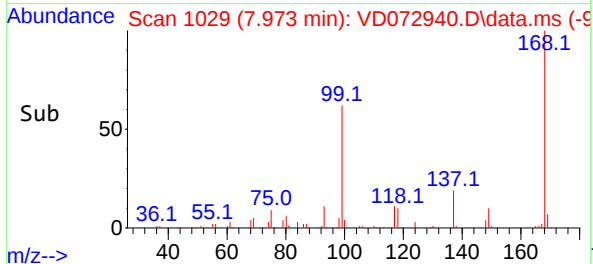
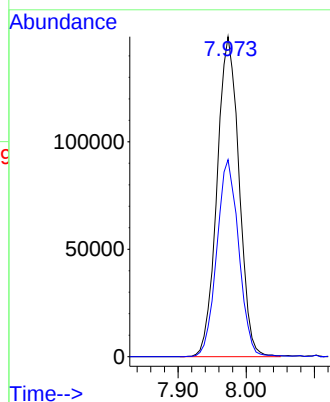
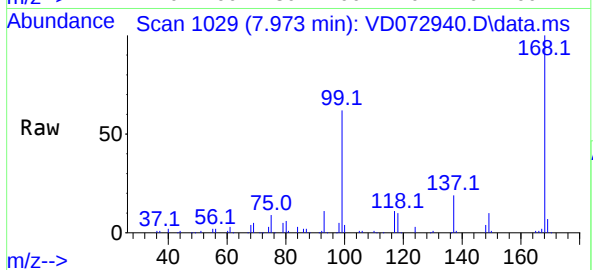




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

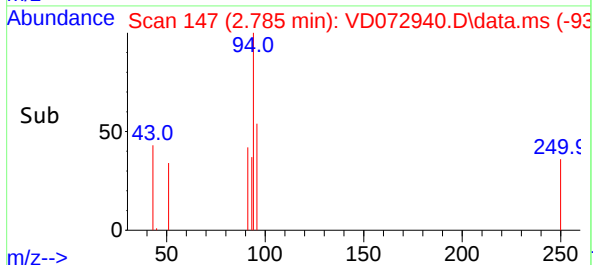
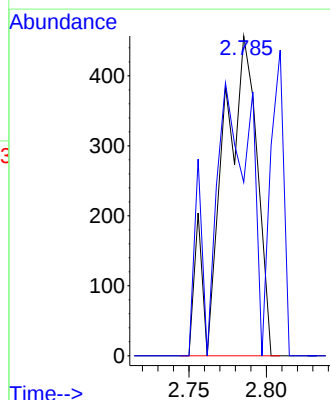
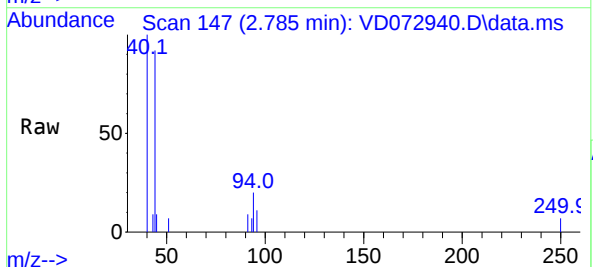
Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-8-15

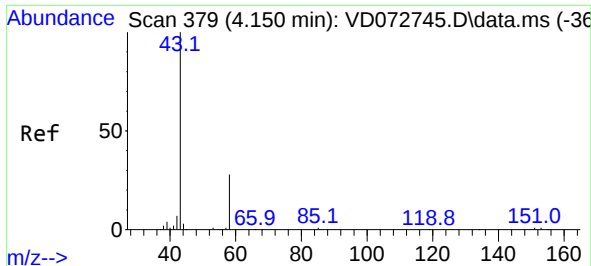
Tgt Ion:168 Resp: 334925
Ion Ratio Lower Upper
168 100
99 61.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 54.3 77.6 116.4#

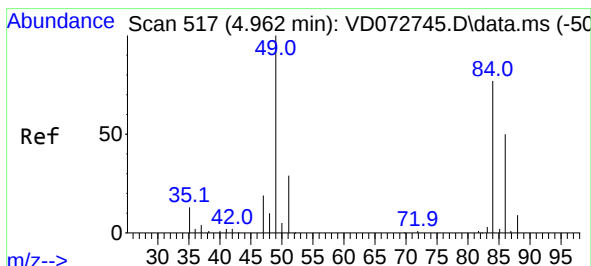
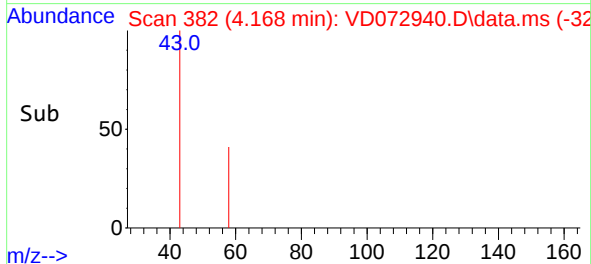
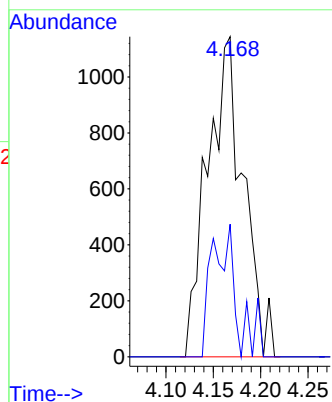
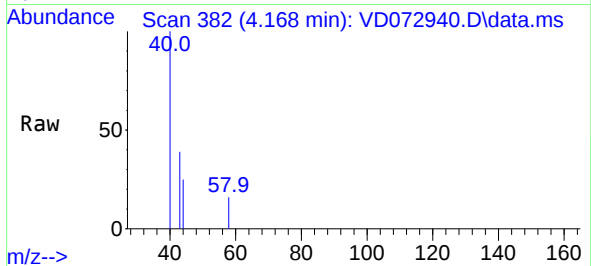




#16
Acetone
Concen: Below Cal
RT: 4.168 min Scan# 31
Delta R.T. 0.018 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

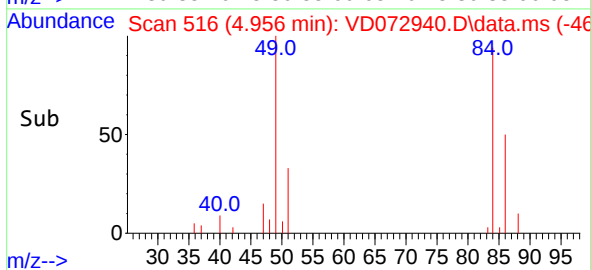
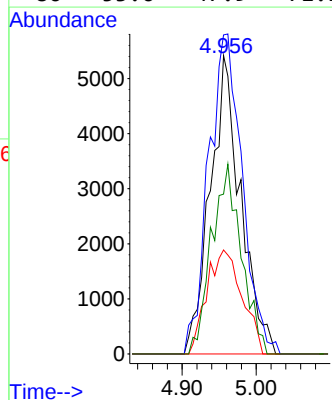
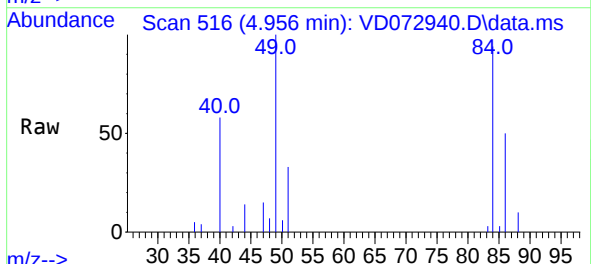
Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-8-15

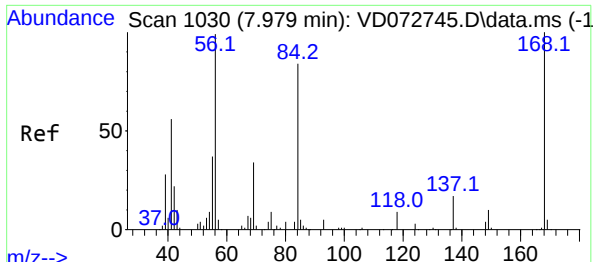
Tgt Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
58 41.4 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

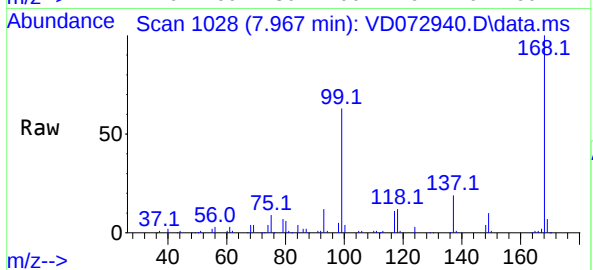
Tgt Ion: 84 Resp: 15449
Ion Ratio Lower Upper
84 100
49 106.9 112.8 169.2#
51 34.9 32.6 48.8
86 53.6 47.9 71.9



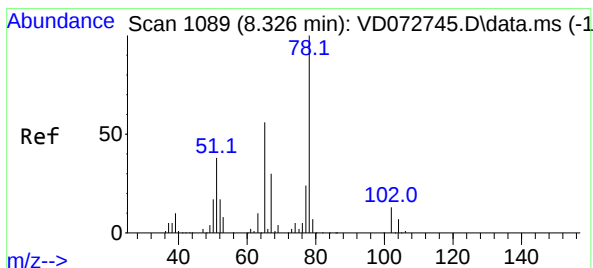
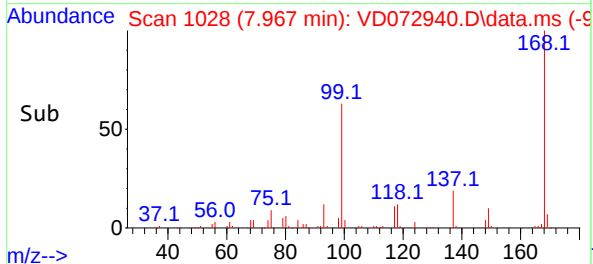
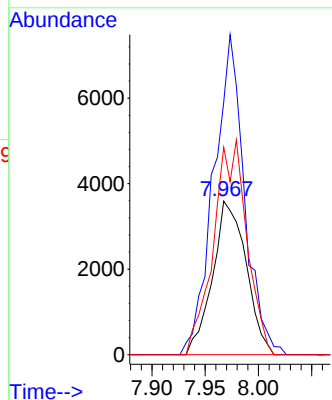


#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-8-15

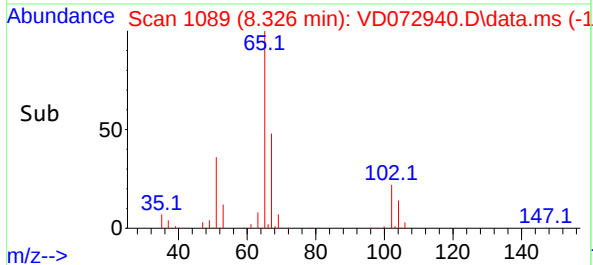
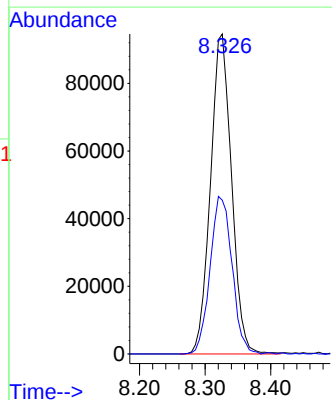
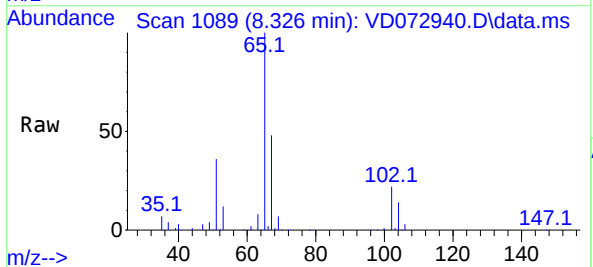


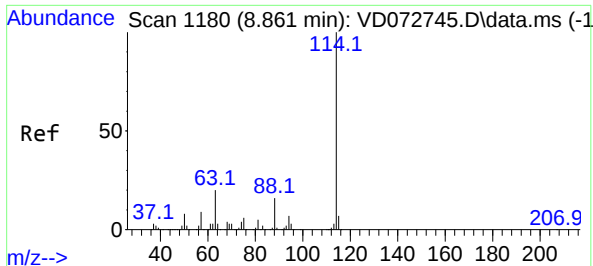
Tgt Ion: 56 Resp: 7855
Ion Ratio Lower Upper
56 100
69 164.5 25.4 38.2#
84 135.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 48.517 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

Tgt Ion: 65 Resp: 210931
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD072940.D

Acq: 11 May 2022 19:39

Instrument :

MSVOA_D

ClientSampleId :

CF-280MER-8-15

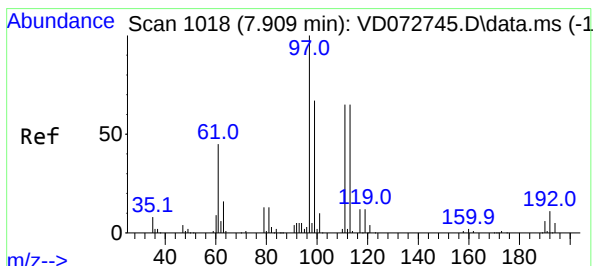
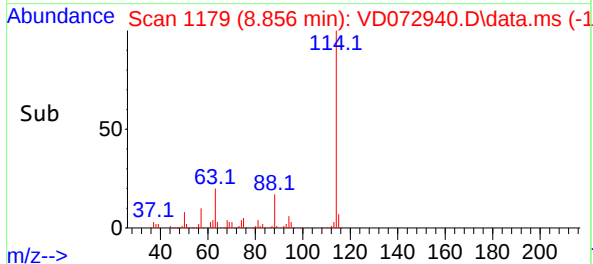
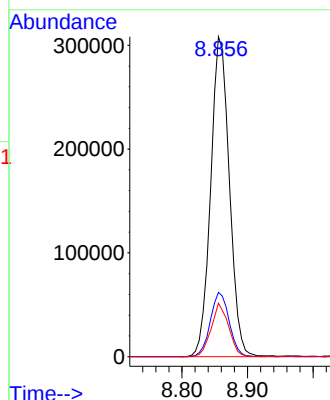
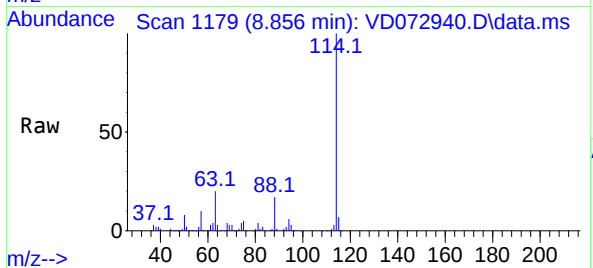
Tgt Ion:114 Resp: 610515

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.591 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072940.D

Acq: 11 May 2022 19:39

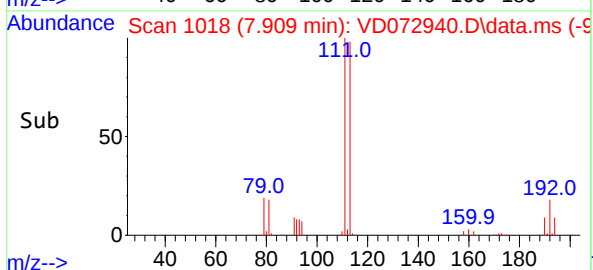
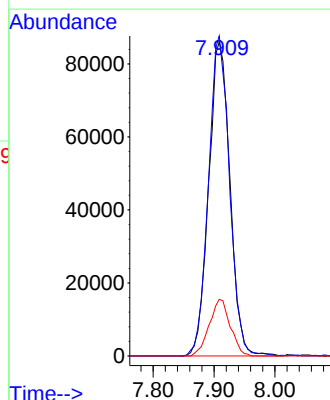
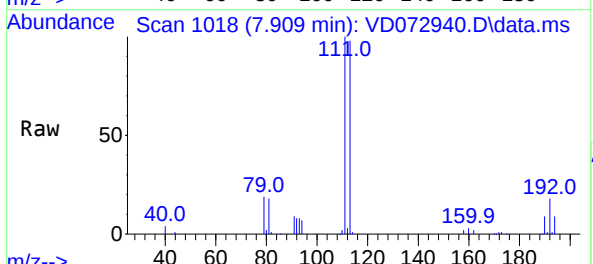
Tgt Ion:113 Resp: 208345

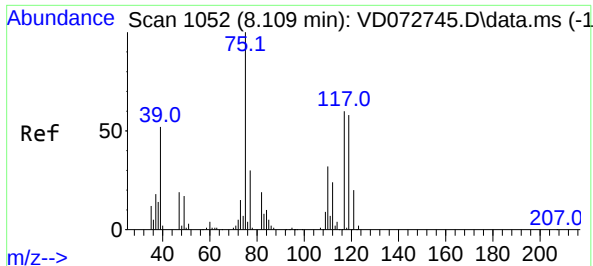
Ion Ratio Lower Upper

113 100

111 100.9 83.8 125.6

192 17.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.123 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.142 min

Lab File: VD072940.D

Acq: 11 May 2022 19:39

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ClientSampleId :

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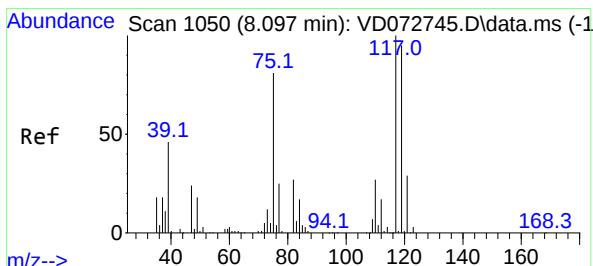
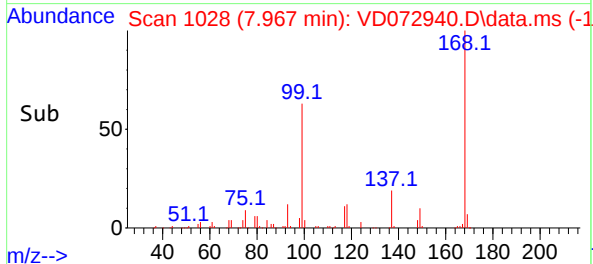
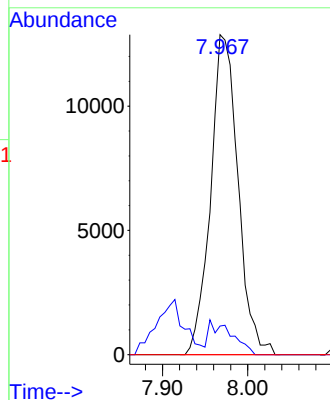
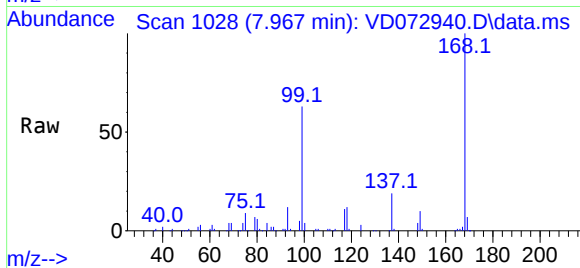
Tgt Ion: 75 Resp: 28743

Ion Ratio Lower Upper

75 100

110 9.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.017 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072940.D

Acq: 11 May 2022 19:39

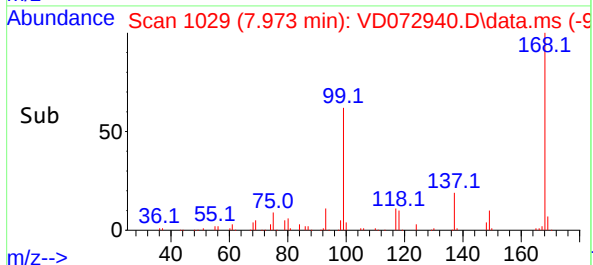
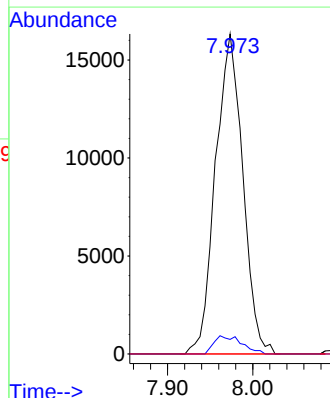
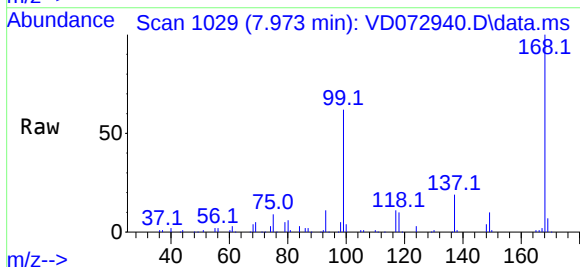
Tgt Ion: 117 Resp: 36311

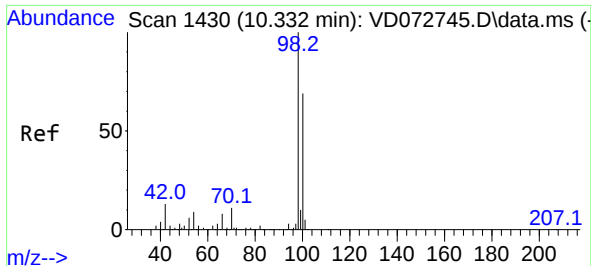
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.5 36.7#

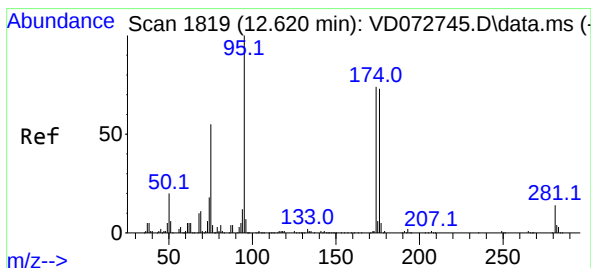
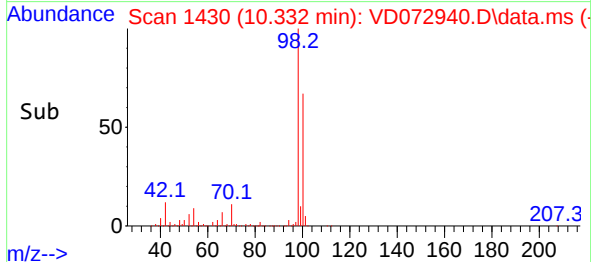
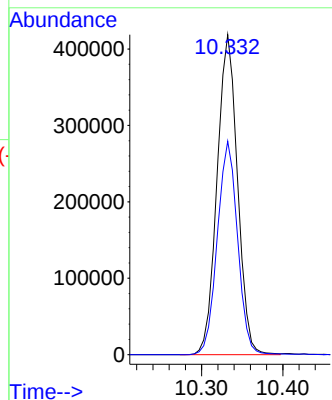
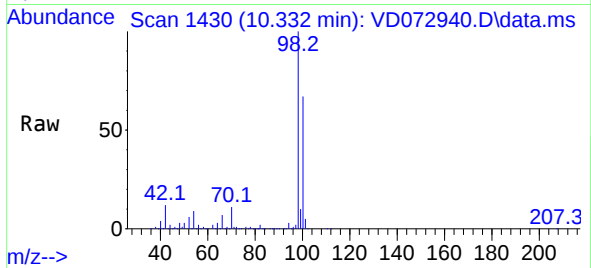




#50
Toluene-d8
Concen: 47.664 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

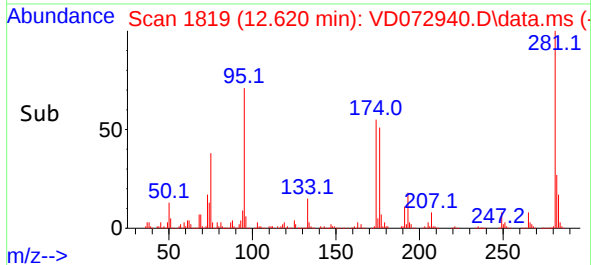
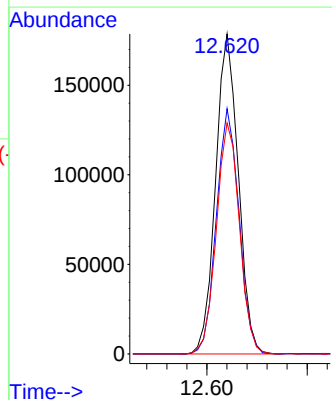
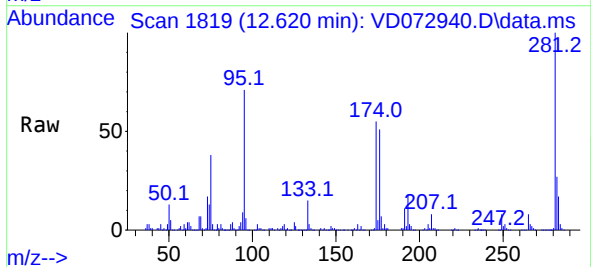
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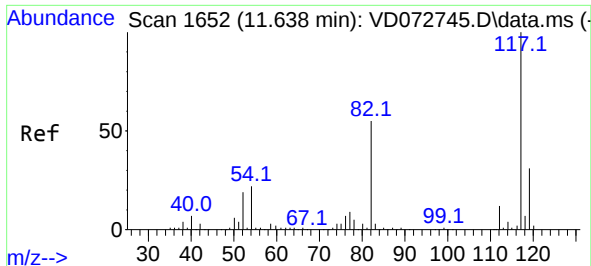
Tgt Ion: 98 Resp: 733092
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.897 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

Tgt Ion: 95 Resp: 280423
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 73.2 0.0 145.4

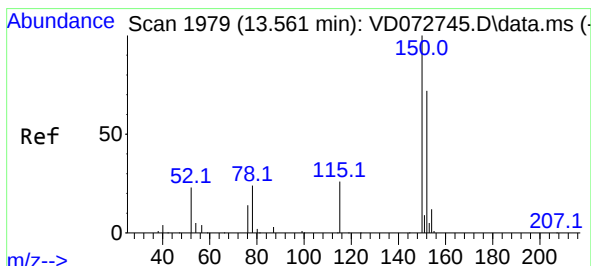
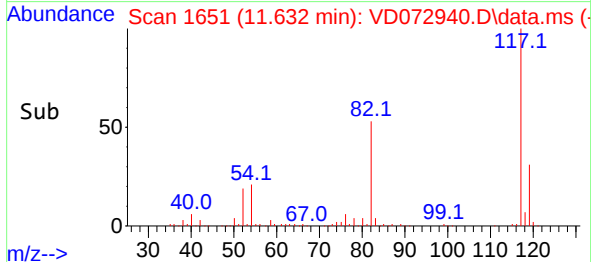
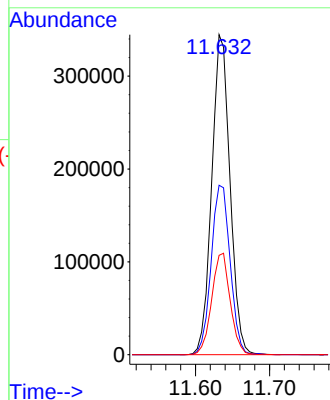
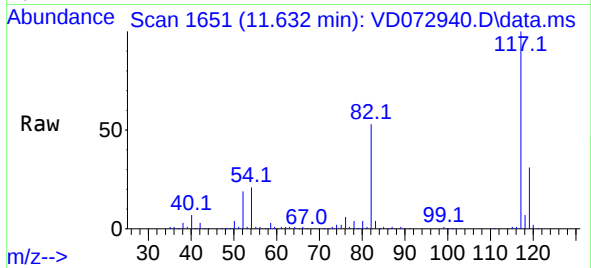




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

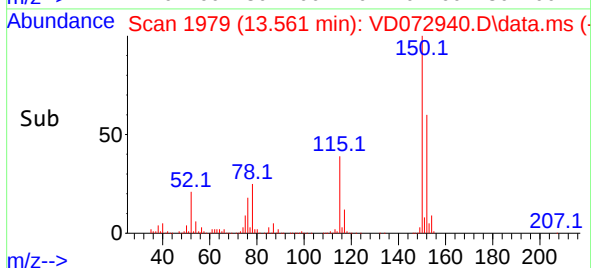
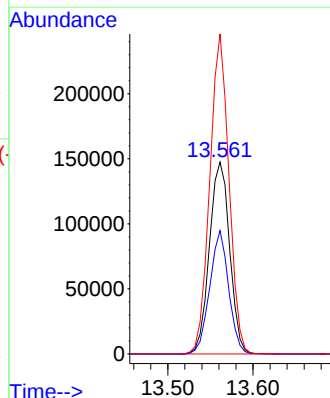
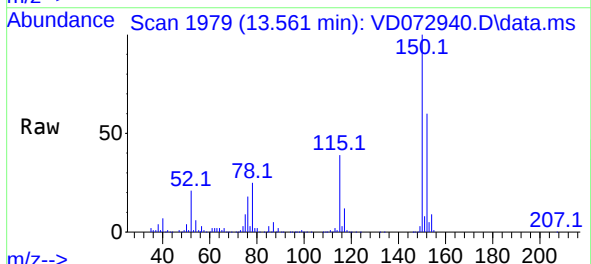
Instrument :
MSVOA_D
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CF-280MER-8-15

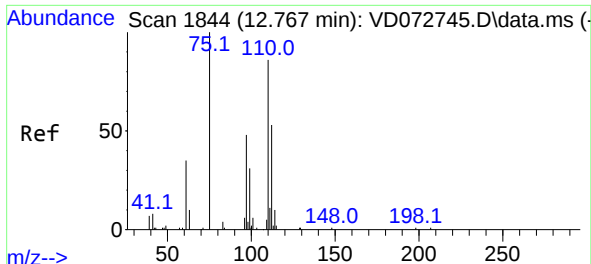
Tgt Ion:117 Resp: 589258
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

Tgt Ion:152 Resp: 244050
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 157.6 0.0 348.6

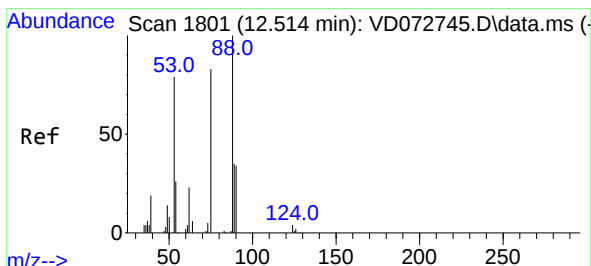
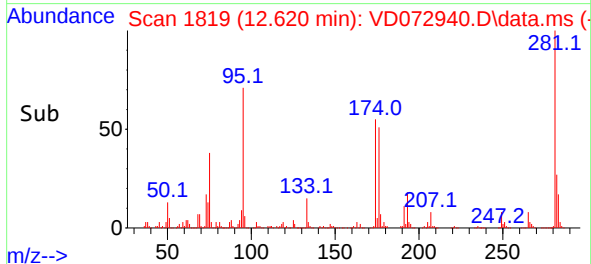
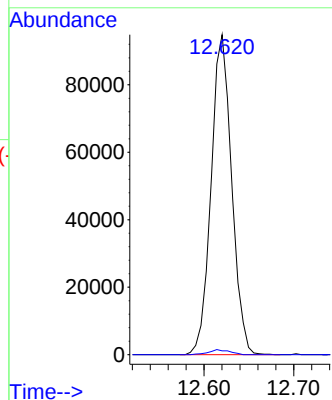
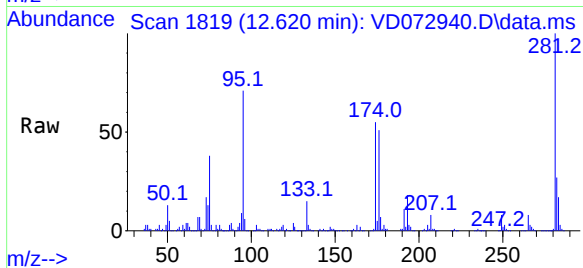




#76
1,2,3-Trichloropropane
Concen: 55.463 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-8-15

Tgt Ion: 75 Resp: 150933
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.543 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072940.D
Acq: 11 May 2022 19:39

Tgt Ion: 75 Resp: 150933
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 2.5 33.9 50.9#

