

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072941.D
 Acq On : 11 May 2022 20:08
 Operator : VA/SY
 Sample : N2776-03
 Misc : 6.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-280MER-10-15

Quant Time: May 12 04:15:58 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)

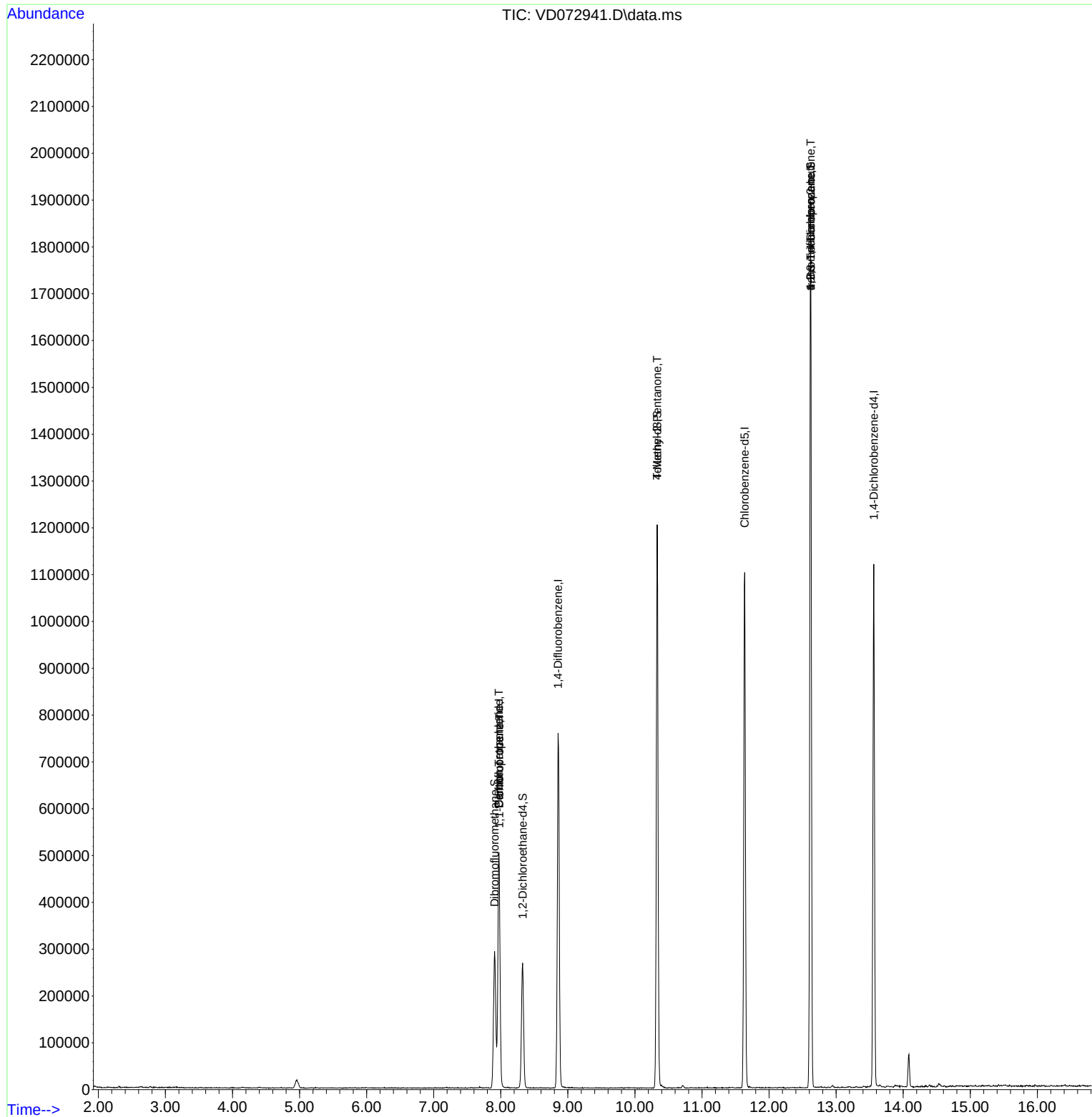
Internal Standards						
1) Pentafluorobenzene	7.973	168	358718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	645059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	642597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	290083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208070	44.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.360%
35) Dibromofluoromethane	7.908	113	213462	47.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.240%
50) Toluene-d8	10.332	98	792749	48.782	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.620	95	313583	51.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.500%
Target Compounds						
5) Bromomethane	2.779	94	700	Below Cal	Qvalue	87
16) Acetone	4.156	43	2877	Below Cal	#	81
18) Methyl Acetate	4.450	43	58	Below Cal	#	55
20) Methylene Chloride	4.962	84	12953	Below Cal	#	83
36) 1,1-Dichloropropene	7.979	75	30669	4.163	ug/l #	52
38) Carbon Tetrachloride	7.973	117	37589	4.916	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	3742	1.152	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	171921	53.150	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	171921	122.224	ug/l #	8

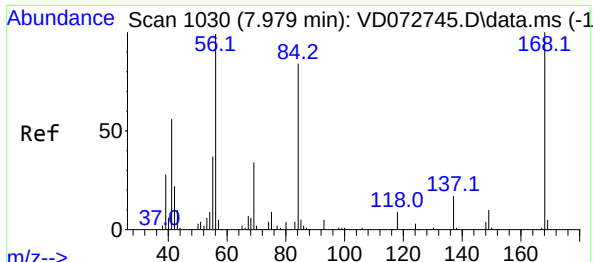
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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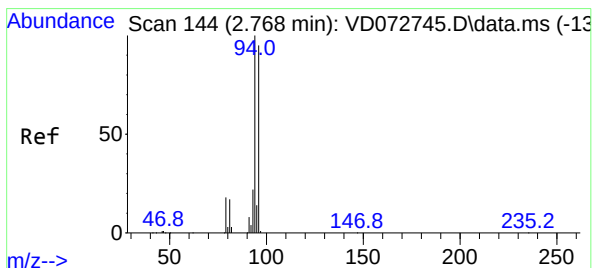
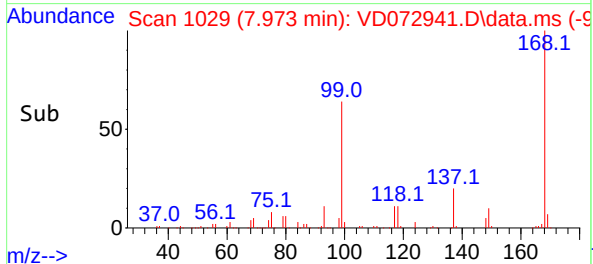
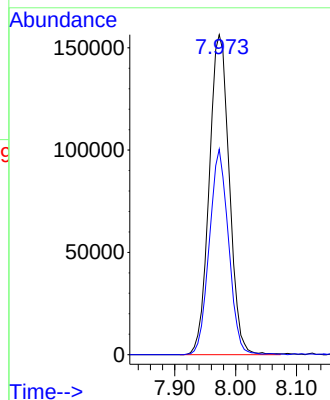
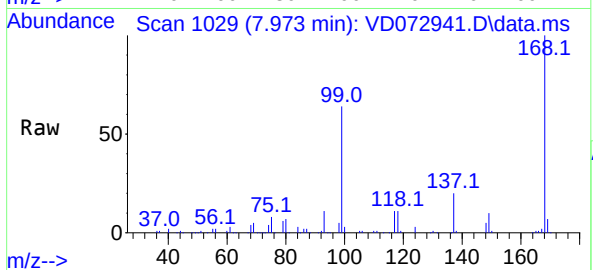




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

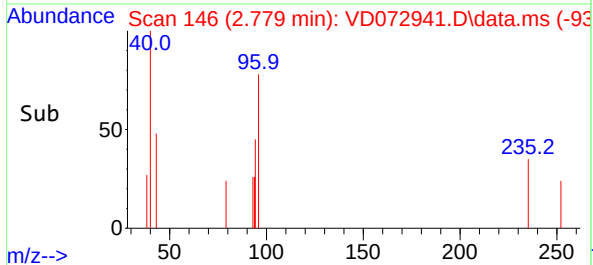
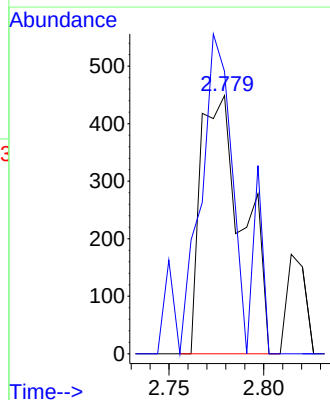
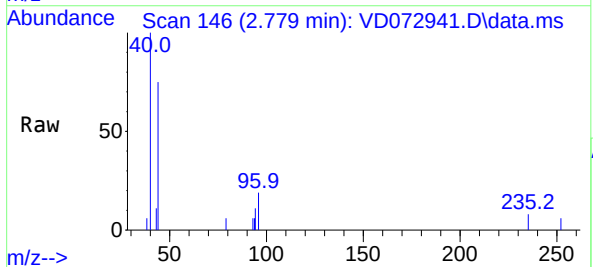
Instrument :
MSVOA_D
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CF-280MER-10-15

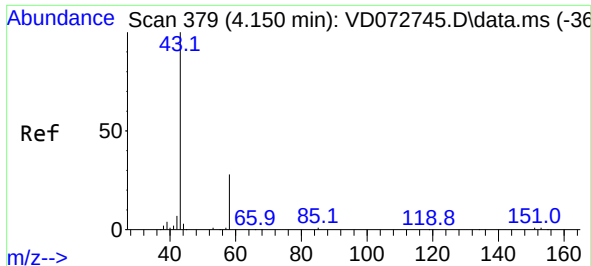
Tgt Ion:168 Resp: 358718
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

Tgt Ion: 94 Resp: 700
Ion Ratio Lower Upper
94 100
96 109.4 77.6 116.4

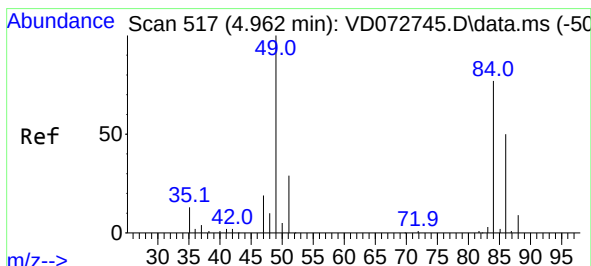
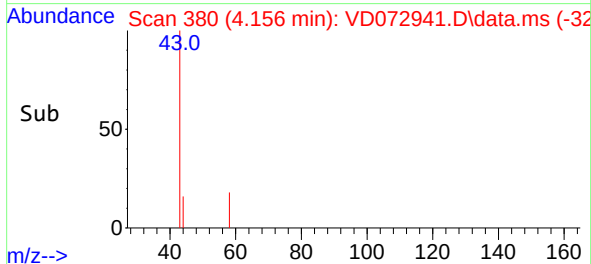
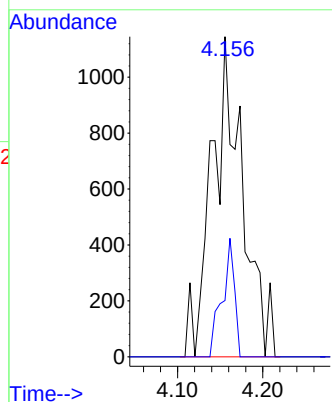
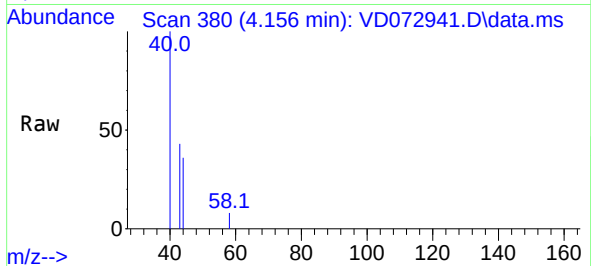




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

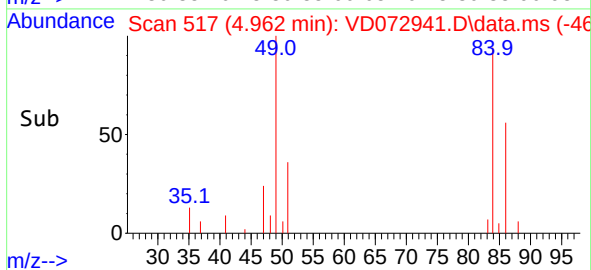
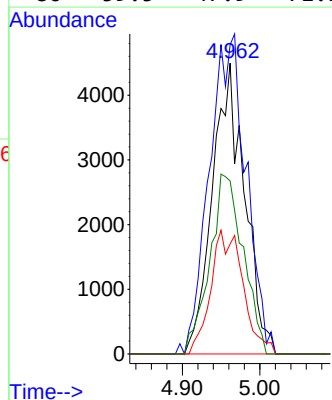
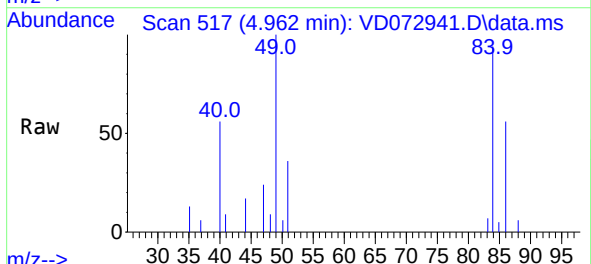
Instrument :
MSVOA_D
ClientSampleId :
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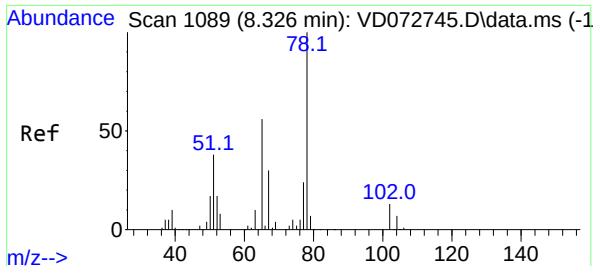
Tgt Ion: 43 Resp: 2877
Ion Ratio Lower Upper
43 100
58 17.6 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

Tgt Ion: 84 Resp: 12953
Ion Ratio Lower Upper
84 100
49 106.3 112.8 169.2#
51 37.8 32.6 48.8
86 59.5 47.9 71.9

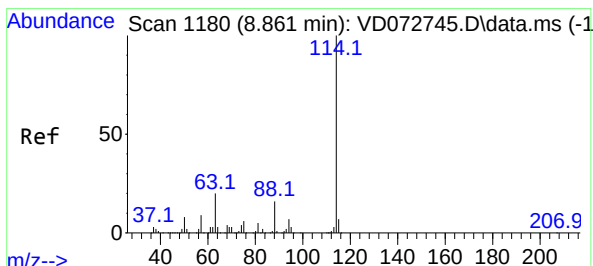
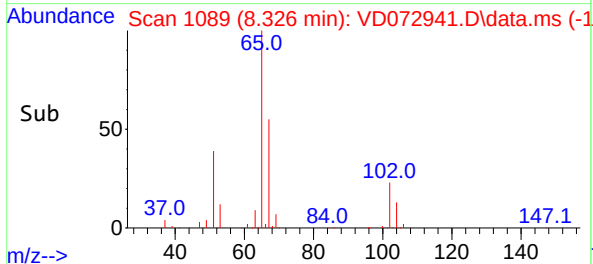
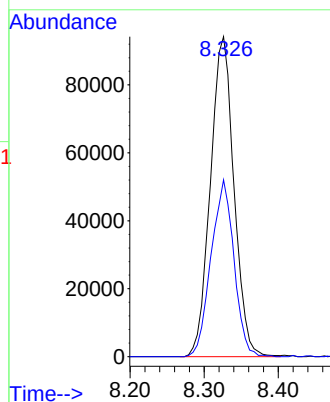
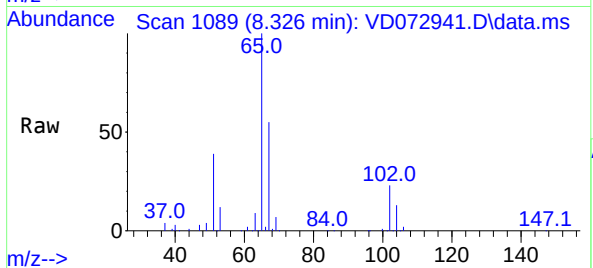




#33
1,2-Dichloroethane-d4
Concen: 44.684 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

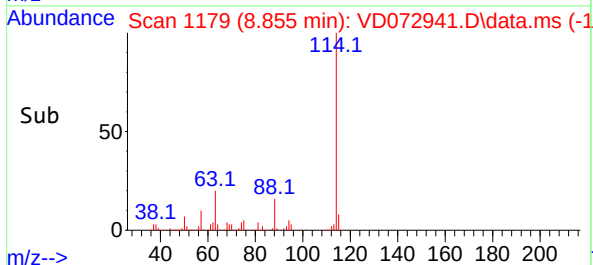
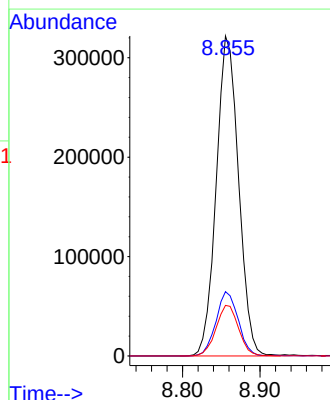
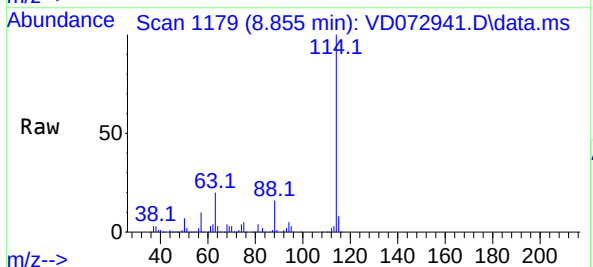
Instrument :
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ClientSampleId :
CF-280MER-10-15

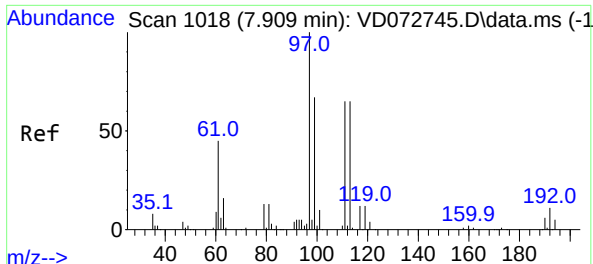
Tgt Ion: 65 Resp: 208070
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

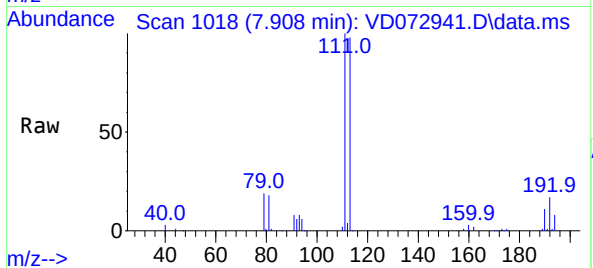
Tgt Ion: 114 Resp: 645059
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 15.8 0.0 33.2



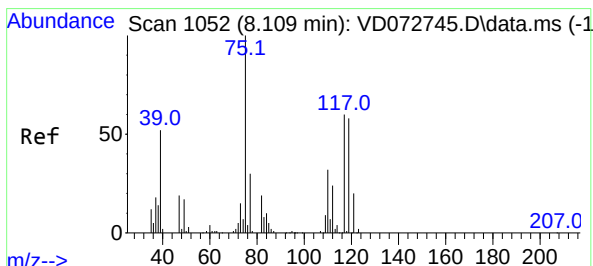
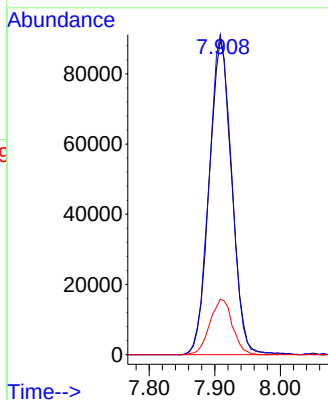
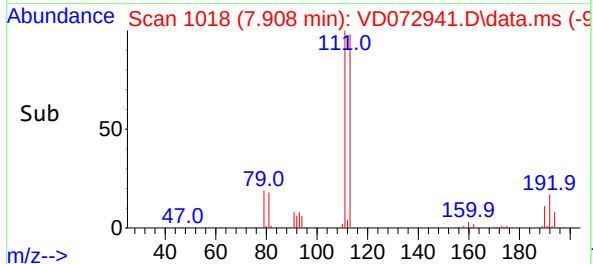


#35
Dibromofluoromethane
Concen: 47.119 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

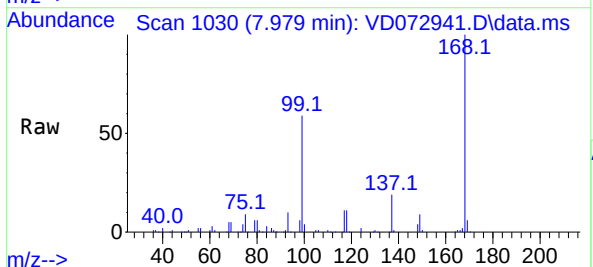
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MSVOA_D
ClientSampleId :
CF-280MER-10-15



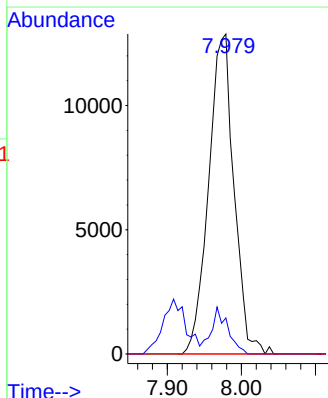
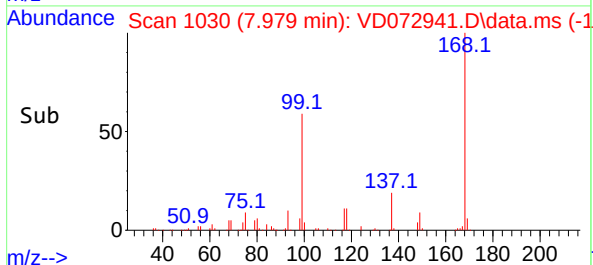
Tgt Ion:113 Resp: 213462
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 17.6 14.6 21.8

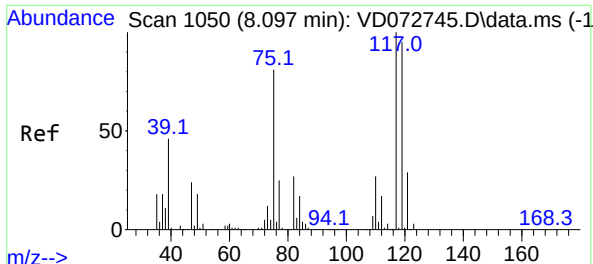


#36
1,1-Dichloropropene
Concen: 4.163 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08



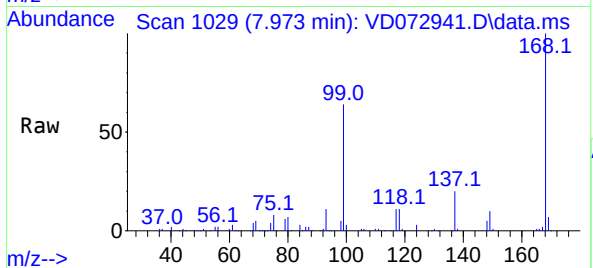
Tgt Ion: 75 Resp: 30669
Ion Ratio Lower Upper
75 100
110 9.7 16.4 49.1#
77 0.0 24.2 36.2#



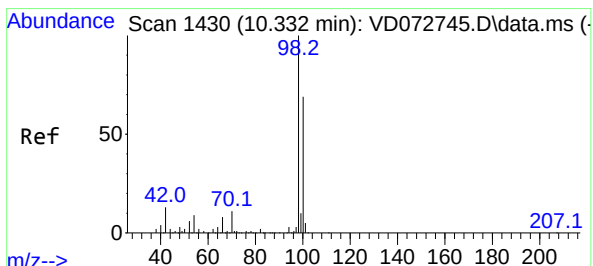
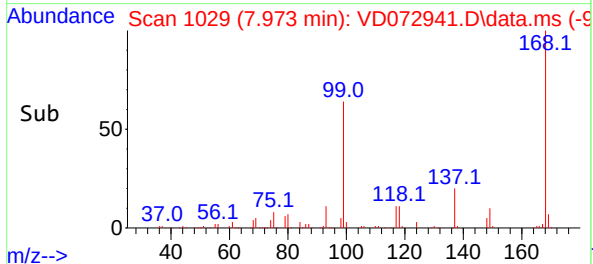
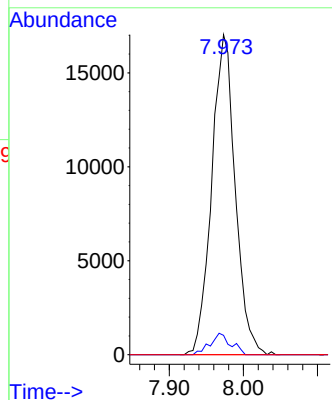


#38
Carbon Tetrachloride
Concen: 4.916 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

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CF-280MER-10-15

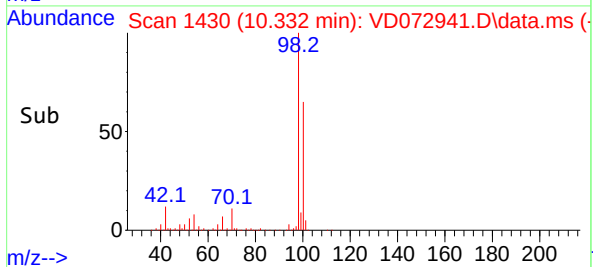
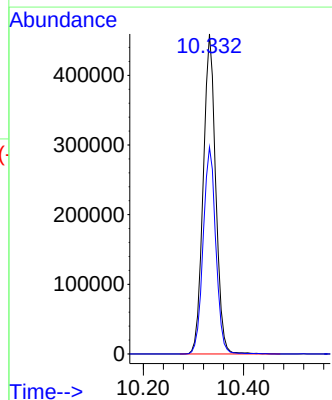
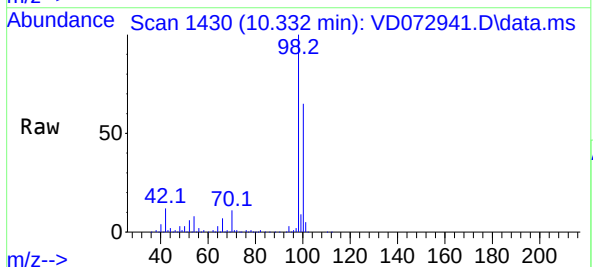


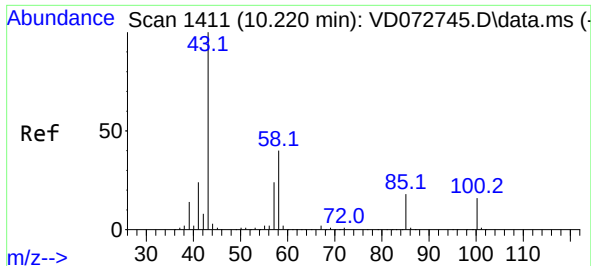
Tgt Ion:117 Resp: 37589
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.782 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

Tgt Ion: 98 Resp: 792749
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

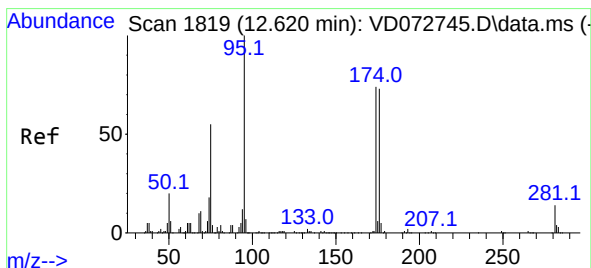
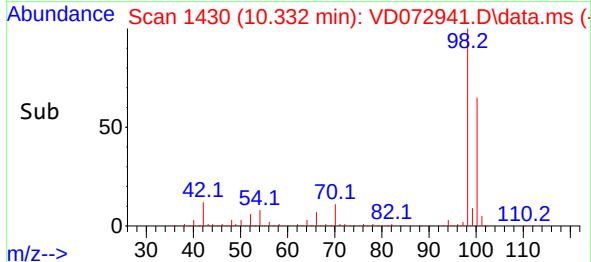
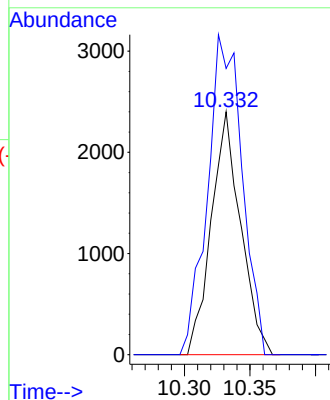
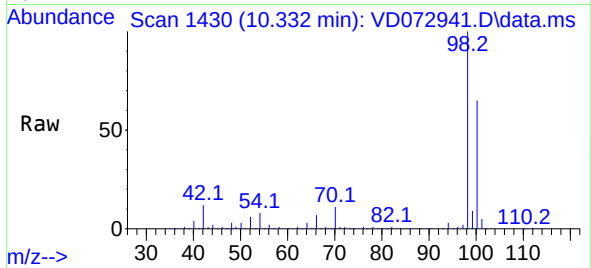




#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

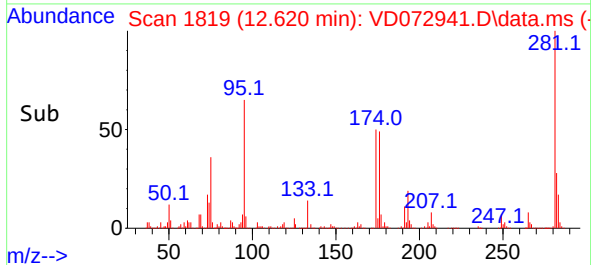
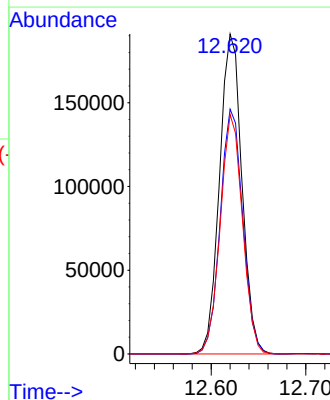
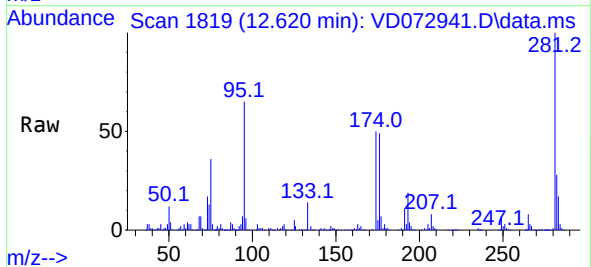
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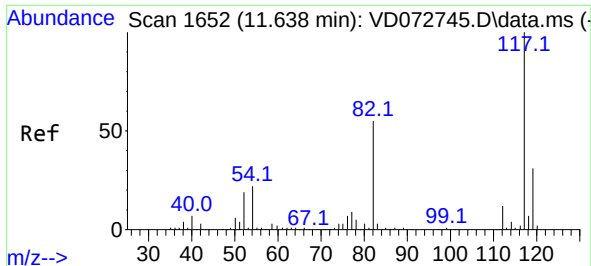
Tgt Ion: 43 Resp: 3742
Ion Ratio Lower Upper
43 100
58 155.3 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 51.751 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

Tgt Ion: 95 Resp: 313583
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.2 0.0 145.4

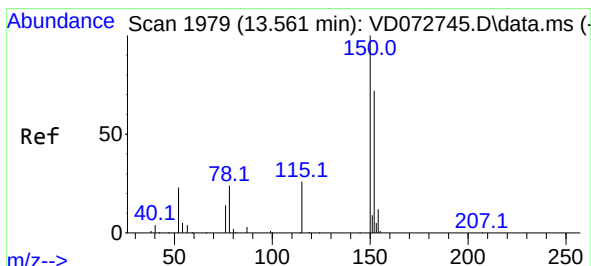
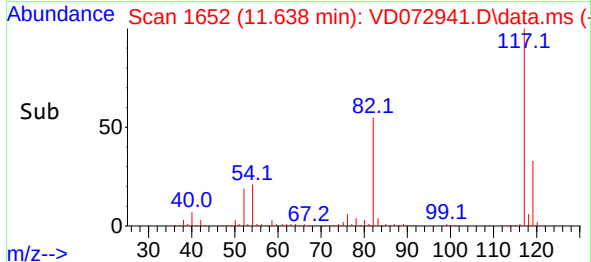
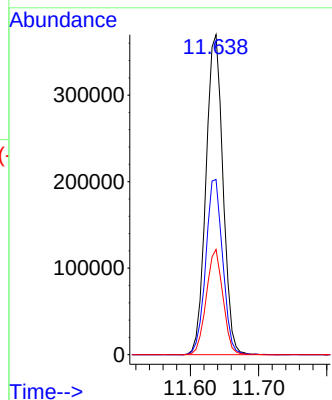
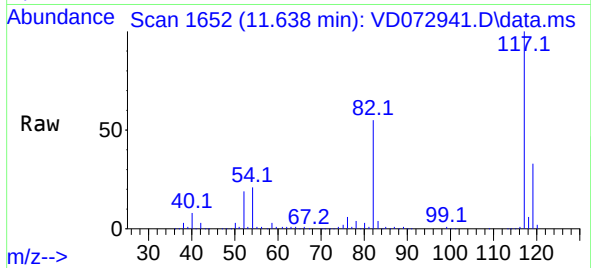




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

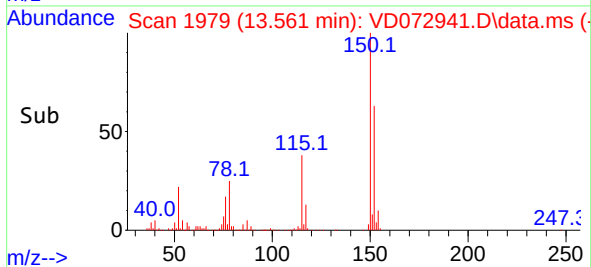
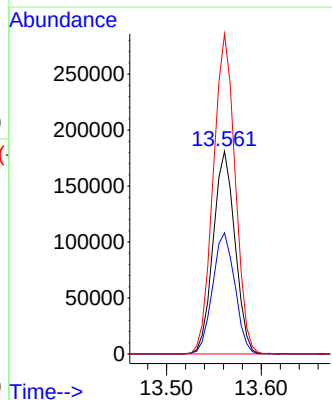
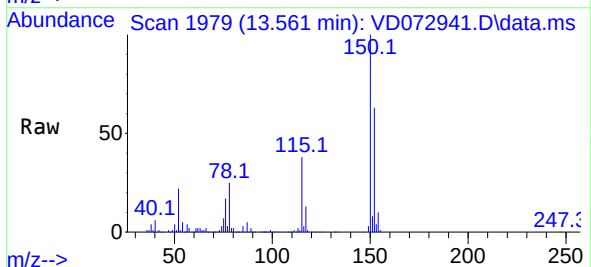
Instrument :
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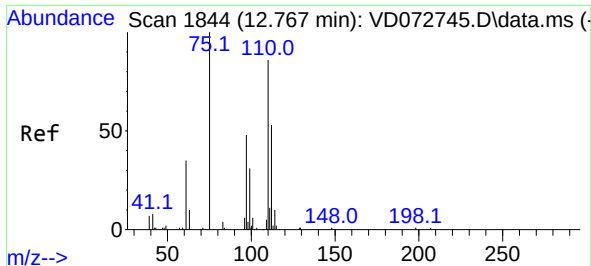
Tgt Ion:117 Resp: 642597
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

Tgt Ion:152 Resp: 290083
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 158.7 0.0 348.6

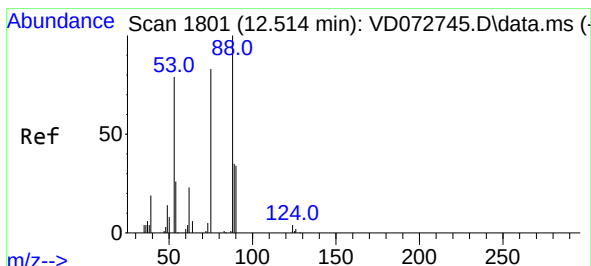
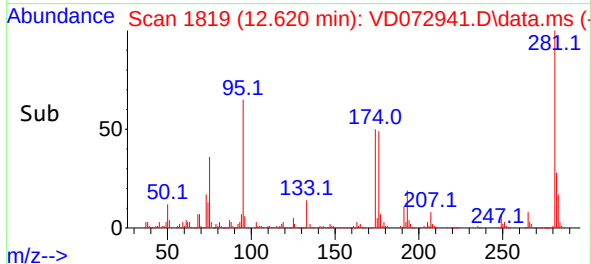
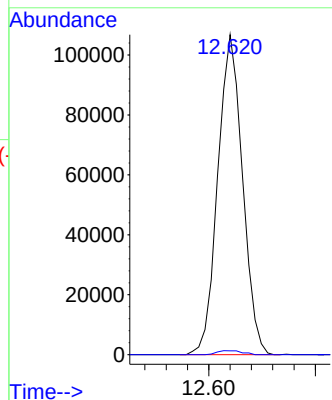
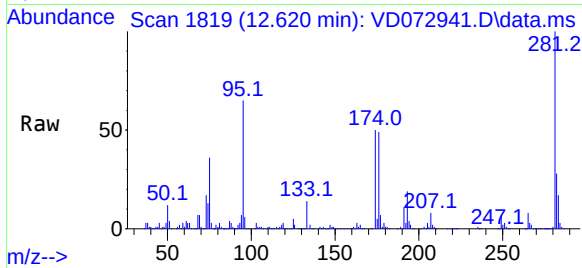




#76
1,2,3-Trichloropropane
Concen: 53.150 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

Instrument :
MSVOA_D
ClientSampleId :
CF-280MER-10-15

Tgt Ion: 75 Resp: 171921
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.224 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072941.D
Acq: 11 May 2022 20:08

Tgt Ion: 75 Resp: 171921
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 2.4 33.9 50.9#

