

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073805.D
 Acq On : 07 Jul 2022 13:29
 Operator : VA/SY
 Sample : N3562-08
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10B

Quant Time: Jul 08 06:31:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

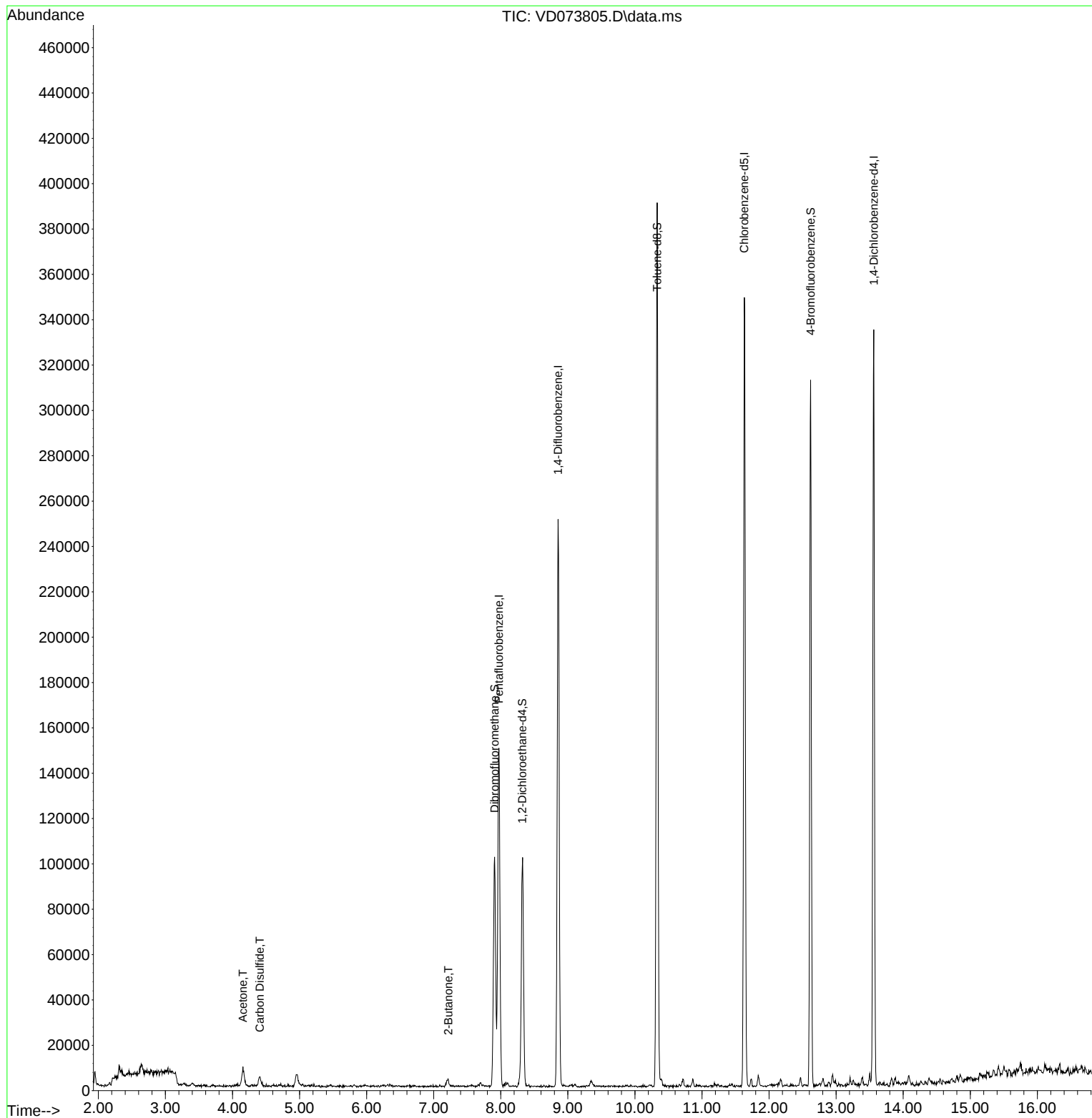
Internal Standards						
1) Pentafluorobenzene	7.973	168	95046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	206116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	188977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	79552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79438	67.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.860%	
35) Dibromofluoromethane	7.908	113	69618	55.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.100%	
50) Toluene-d8	10.332	98	256859	59.953	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 119.900%#	
62) 4-Bromofluorobenzene	12.620	95	88617	50.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 100.640%#	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	13314	45.391	ug/l	98
17) Carbon Disulfide	4.409	76	7691	1.442	ug/l #	86
25) 2-Butanone	7.220	43	4046	10.532	ug/l #	76

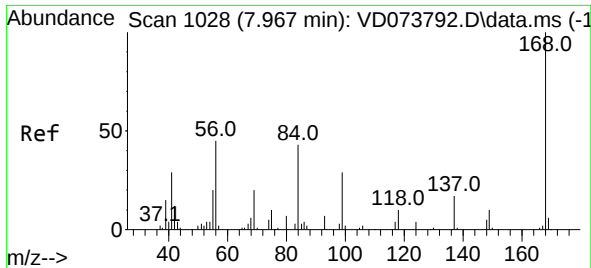
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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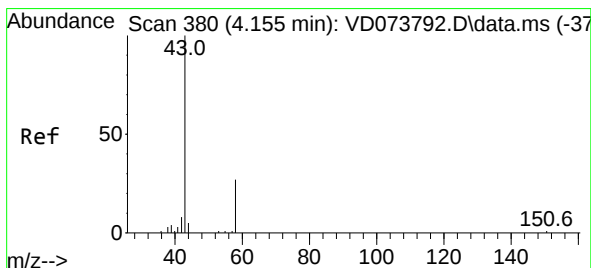
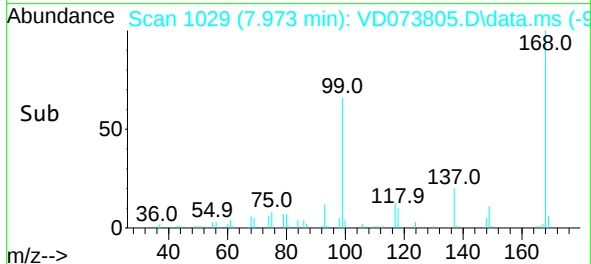
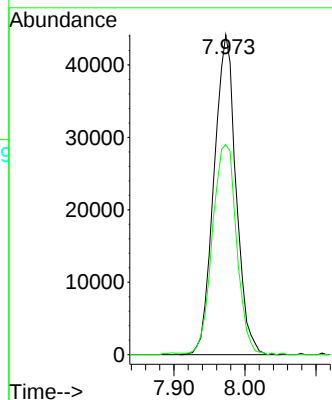
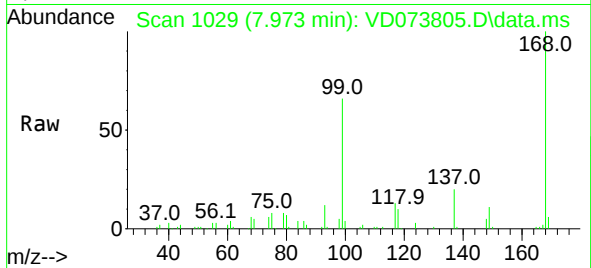




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

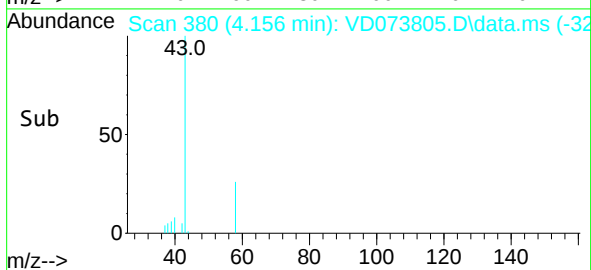
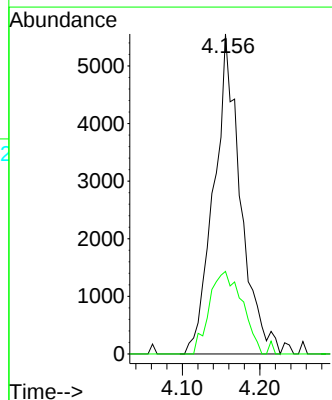
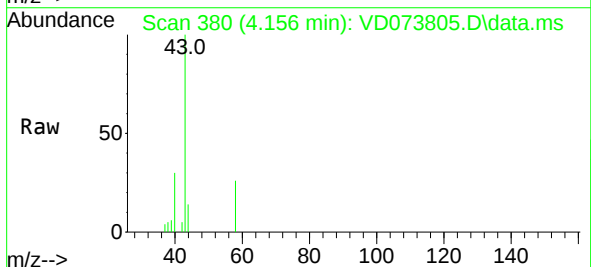
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

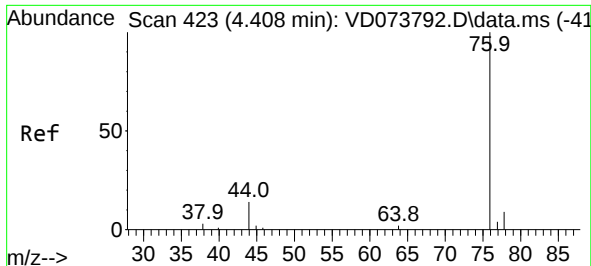
Tgt Ion:168 Resp: 95046
Ion Ratio Lower Upper
168 100
99 65.3 58.4 87.6



#16
Acetone
Concen: 45.391 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 43 Resp: 13314
Ion Ratio Lower Upper
43 100
58 25.8 21.3 31.9

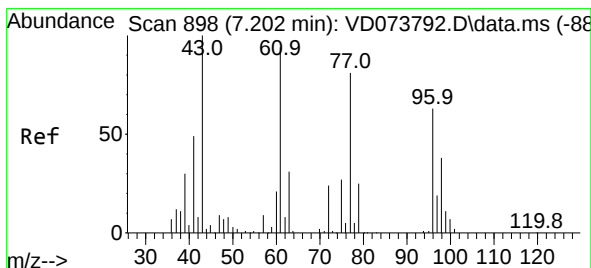
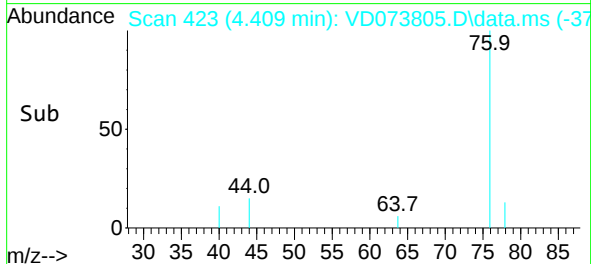
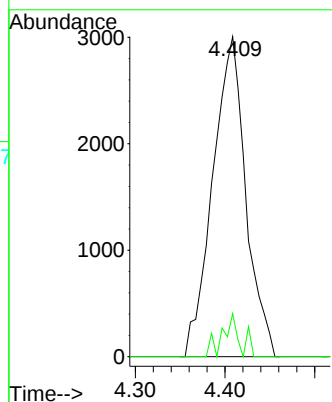
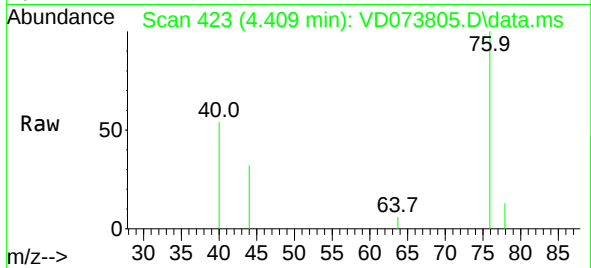




#17
Carbon Disulfide
Concen: 1.442 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

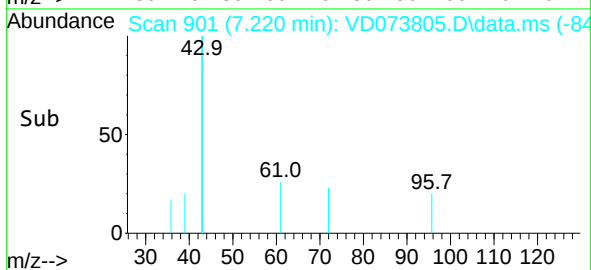
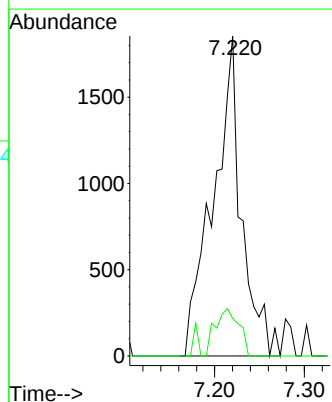
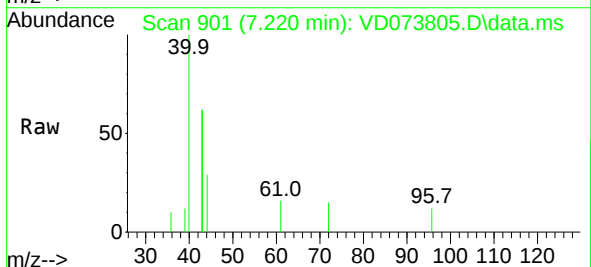
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

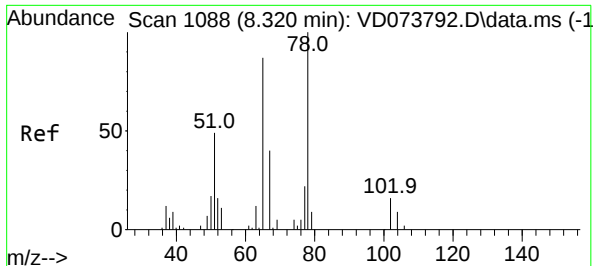
Tgt Ion: 76 Resp: 7691
Ion Ratio Lower Upper
76 100
78 13.5 6.8 10.2#



#25
2-Butanone
Concen: 10.532 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.018 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 43 Resp: 4046
Ion Ratio Lower Upper
43 100
72 11.7 18.8 28.2#

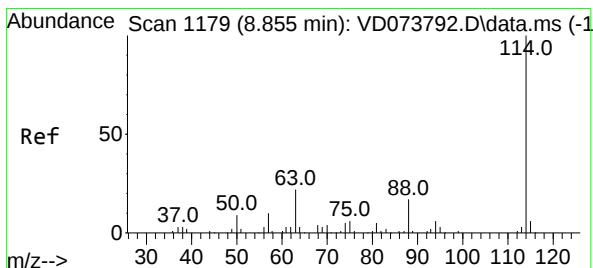
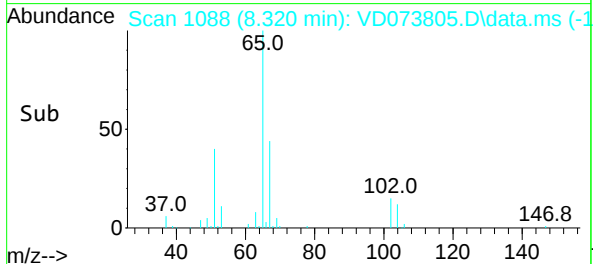
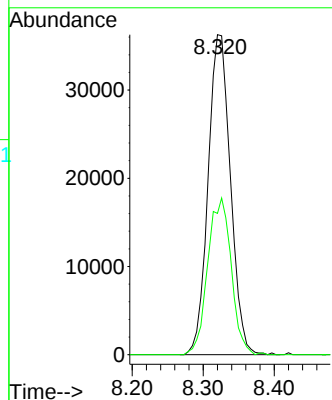
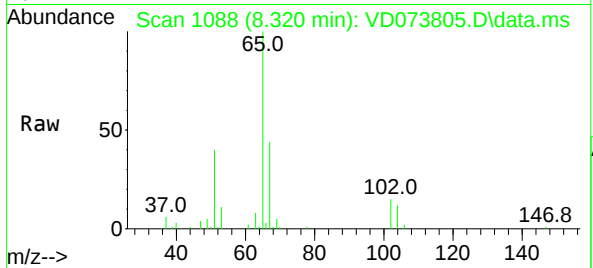




#33
 1,2-Dichloroethane-d4
 Concen: 67.928 ug/l
 RT: 8.320 min Scan# 1088
 Delta R.T. 0.000 min
 Lab File: VD073805.D
 Acq: 07 Jul 2022 13:29

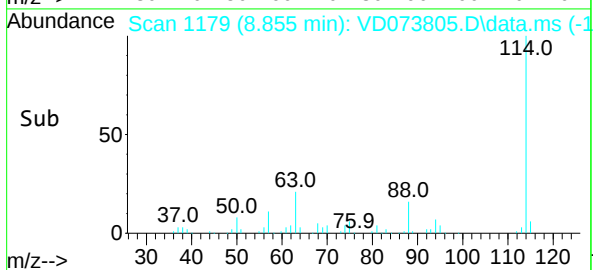
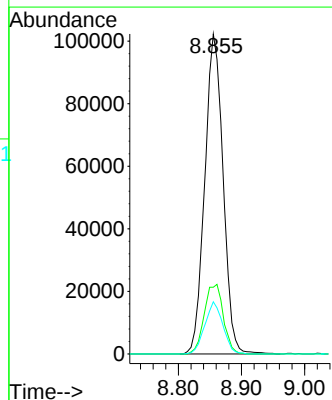
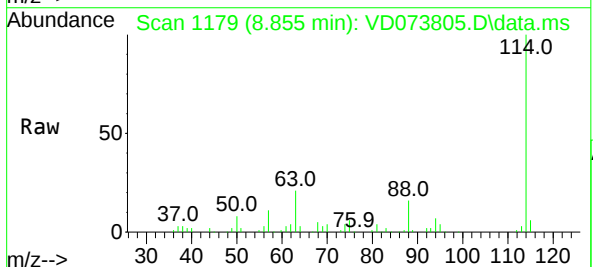
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10B

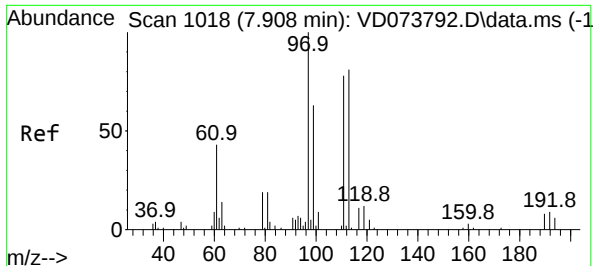
Tgt Ion: 65 Resp: 79438
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VD073805.D
 Acq: 07 Jul 2022 13:29

Tgt Ion: 114 Resp: 206116
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.2
 88 16.3 0.0 33.6

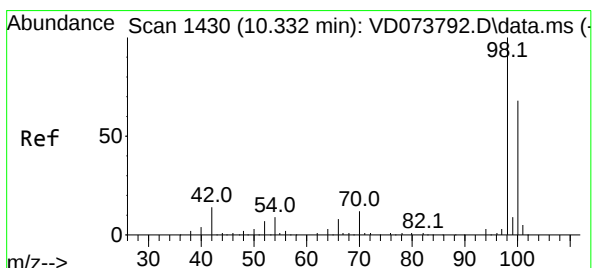
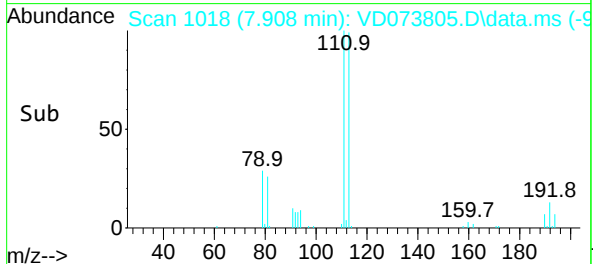
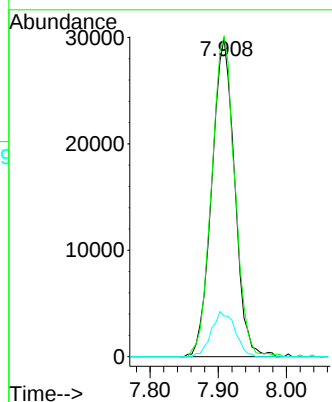
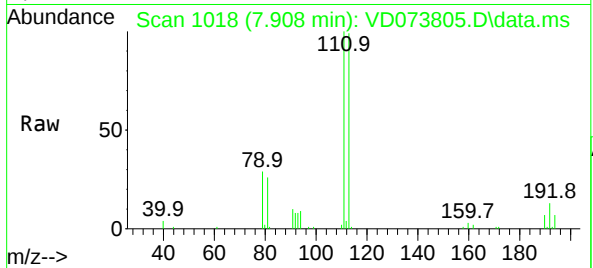




#35
Dibromofluoromethane
Concen: 55.047 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

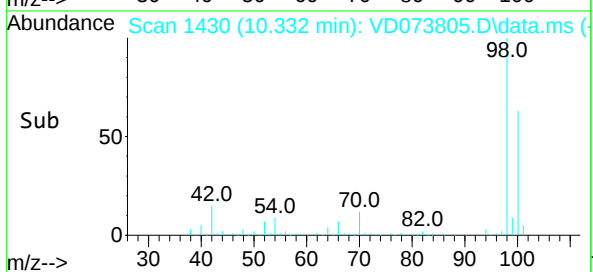
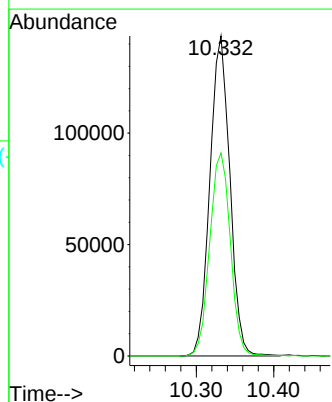
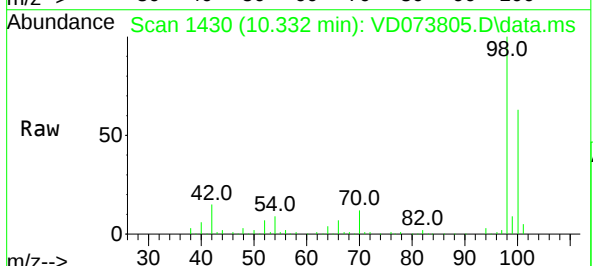
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ClientSampleId :
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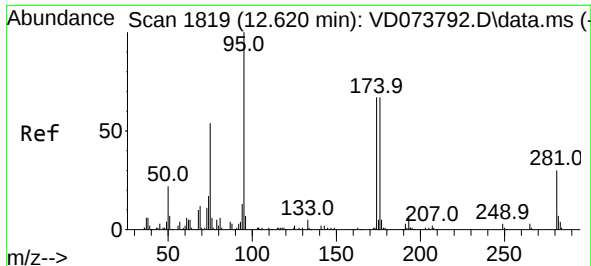
Tgt Ion:113 Resp: 69618
Ion Ratio Lower Upper
113 100
111 102.3 82.7 124.1
192 14.7 11.7 17.5



#50
Toluene-d8
Concen: 59.953 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

Tgt Ion: 98 Resp: 256859
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

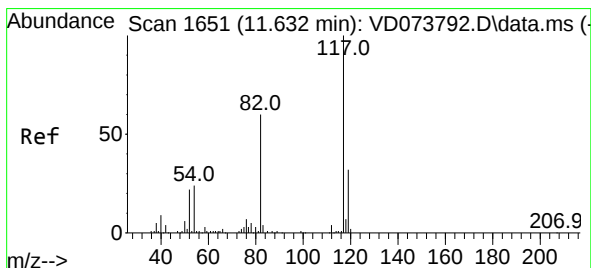
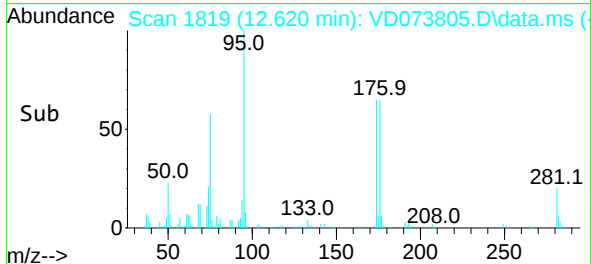
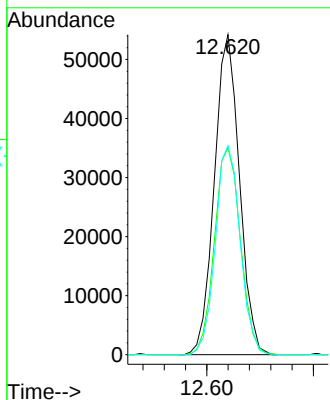
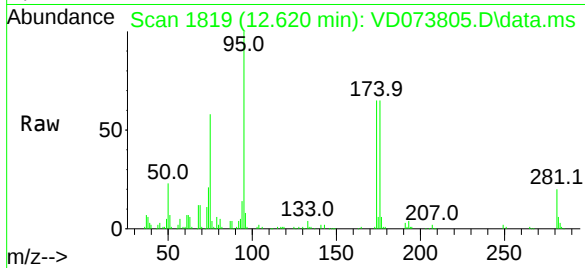




#62
4-Bromofluorobenzene
Concen: 50.321 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

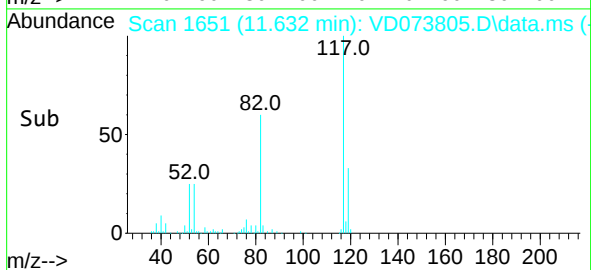
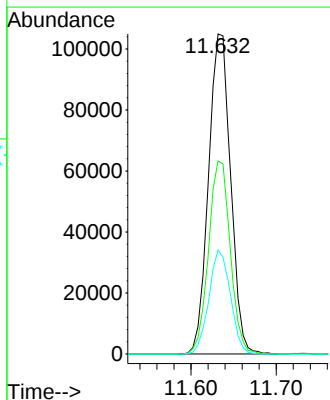
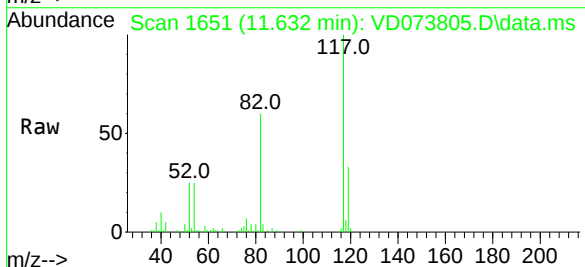
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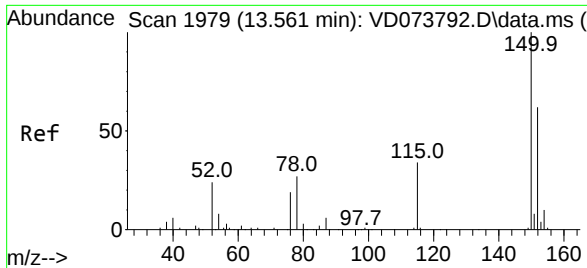
Tgt Ion: 95 Resp: 88617
Ion Ratio Lower Upper
95 100
174 66.7 0.0 132.4
176 64.4 0.0 129.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073805.D
Acq: 07 Jul 2022 13:29

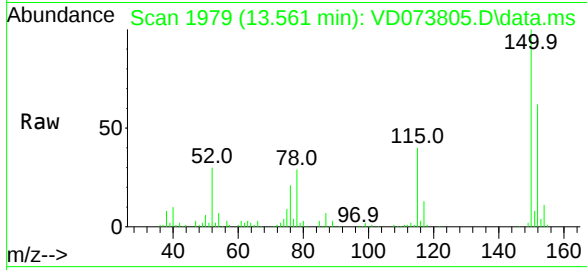
Tgt Ion: 117 Resp: 188977
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.2
119 32.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073805.D
 Acq: 07 Jul 2022 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10B



Tgt Ion:	152	Resp:	79552
Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.2	96.6
150	155.5	0.0	353.0

