

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074220.D
 Acq On : 24 Aug 2022 13:40
 Operator : VA/SY
 Sample : N4260-01RE
 Misc : 5.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(0-5)RE

Quant Time: Aug 25 05:02:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

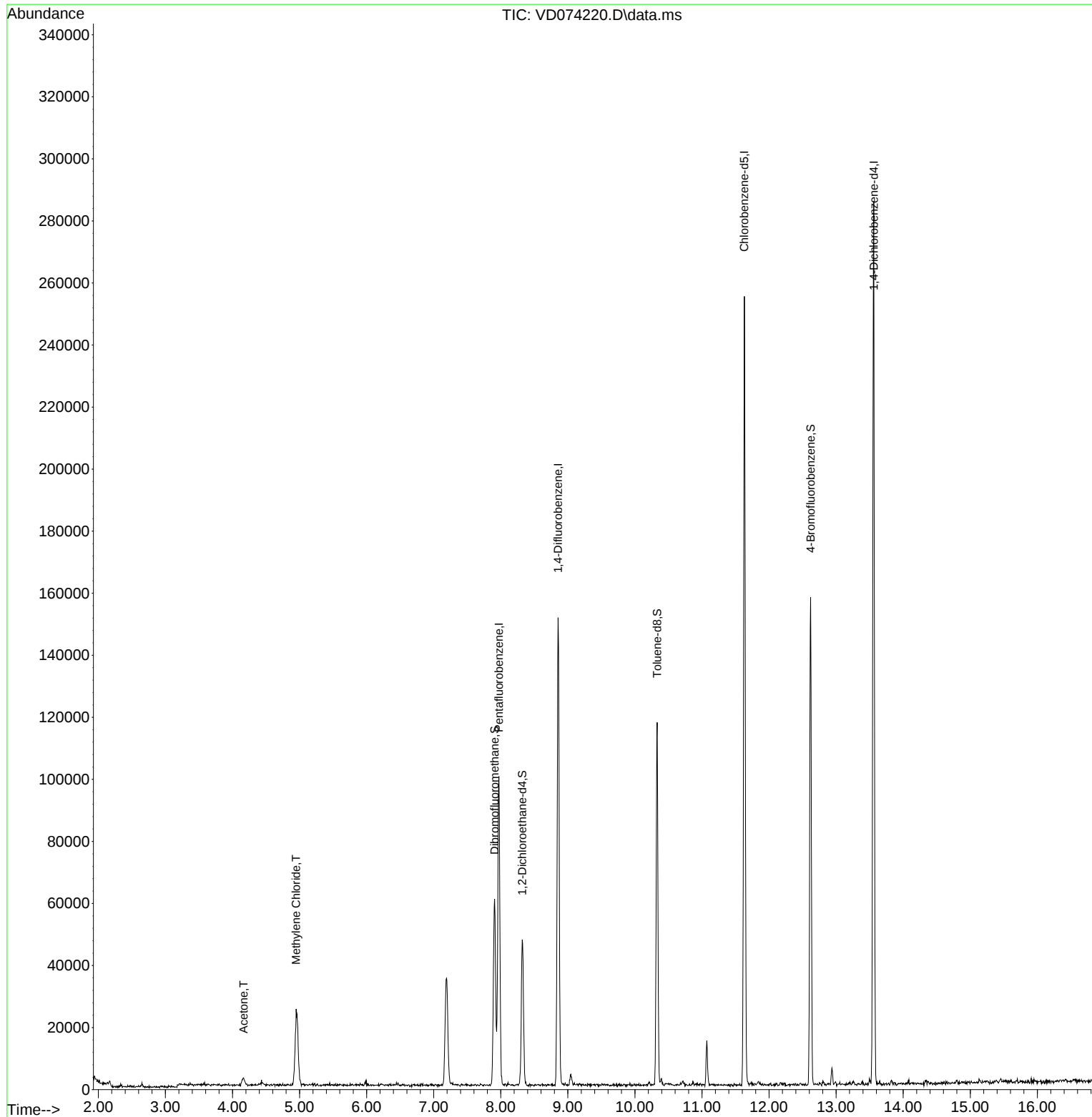
Internal Standards						
1) Pentafluorobenzene	7.973	168	71844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	128804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	144833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	77280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	37843	51.548	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.100%			
35) Dibromofluoromethane	7.908	113	44424	51.563	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.120%			
50) Toluene-d8	10.332	98	78193	28.200	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 56.400%			
62) 4-Bromofluorobenzene	12.620	95	53555	48.890	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.780%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	4734	33.847	ug/l	91
20) Methylene Chloride	4.950	84	18312	16.637	ug/l	83

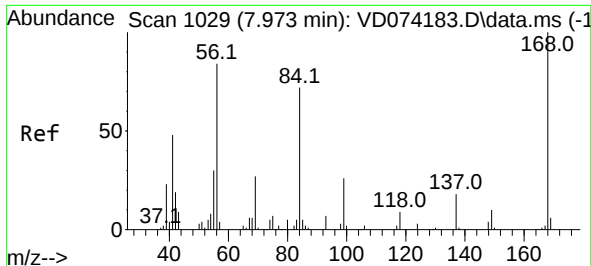
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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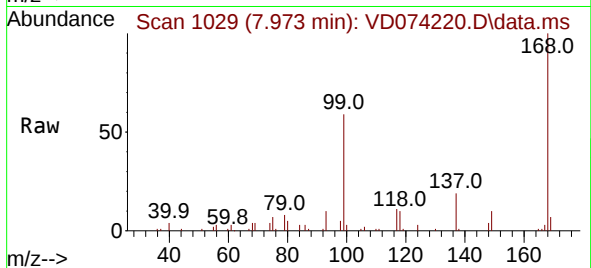
Quant Time: Aug 25 05:02:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
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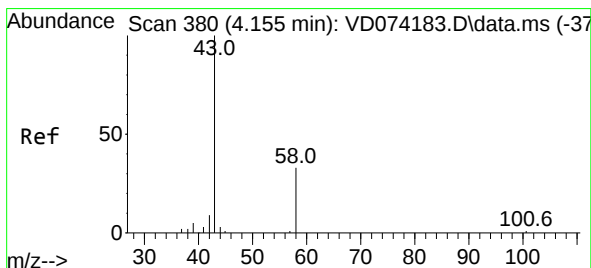
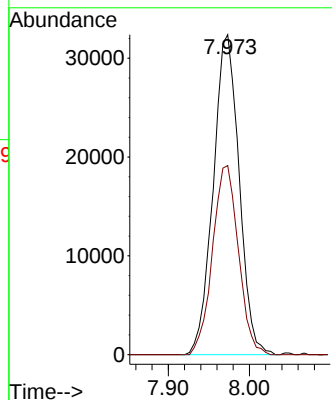
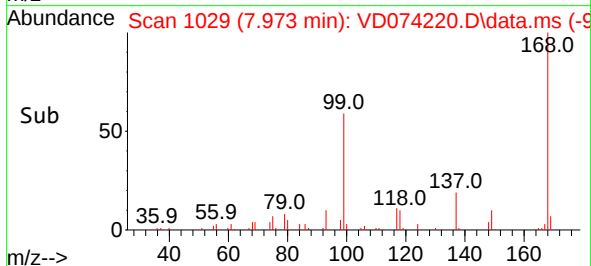


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074220.D
Acq: 24 Aug 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(0-5)RE

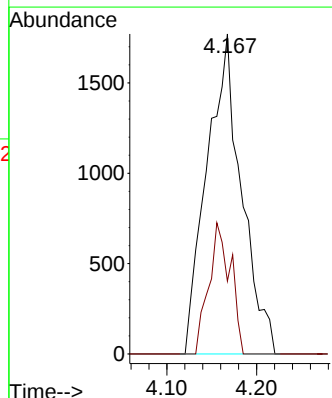
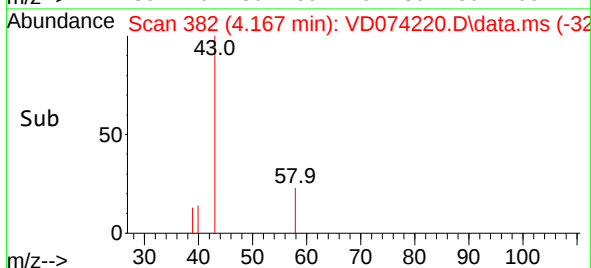
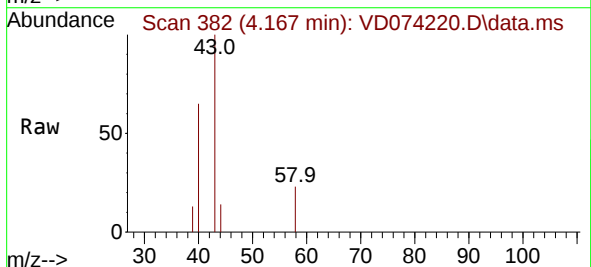


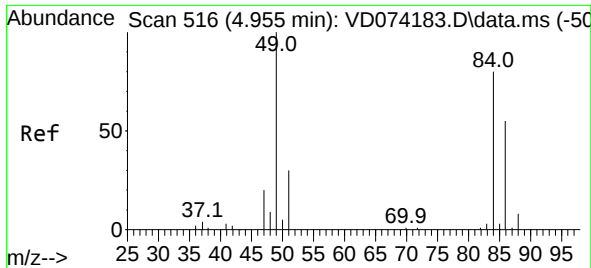
Tgt Ion:168 Resp: 71844
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#16
Acetone
Concen: 33.847 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD074220.D
Acq: 24 Aug 2022 13:40

Tgt Ion: 43 Resp: 4734
Ion Ratio Lower Upper
43 100
58 22.8 22.1 33.1

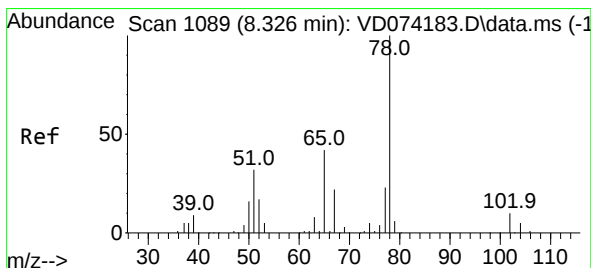
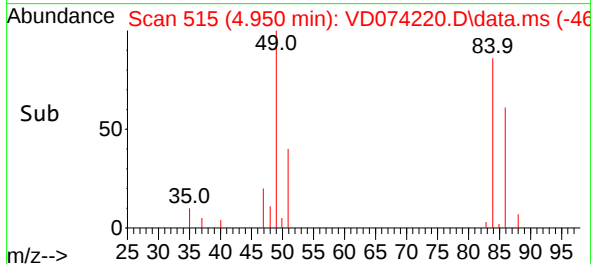
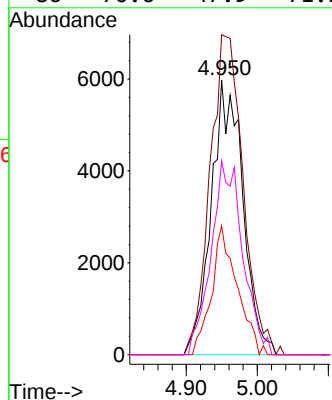
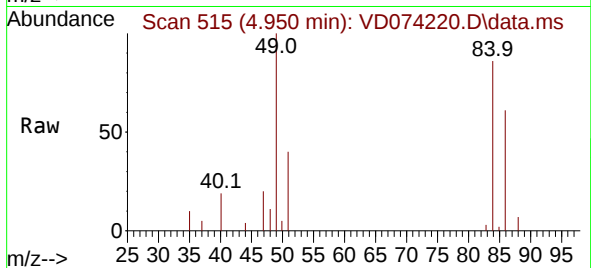




#20
Methylene Chloride
Concen: 16.637 ug/l
RT: 4.950 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD074220.D
Acq: 24 Aug 2022 13:40

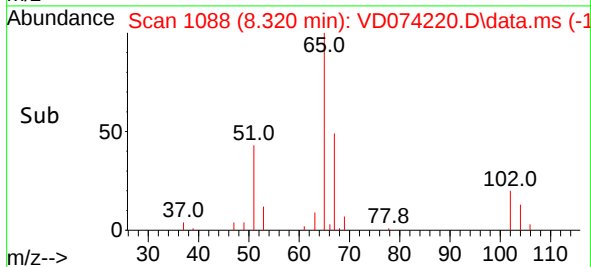
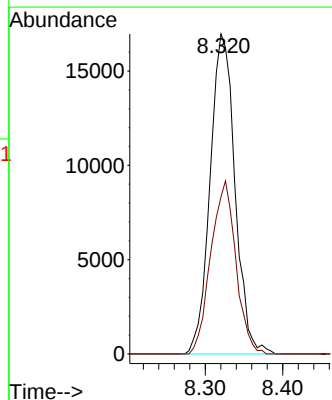
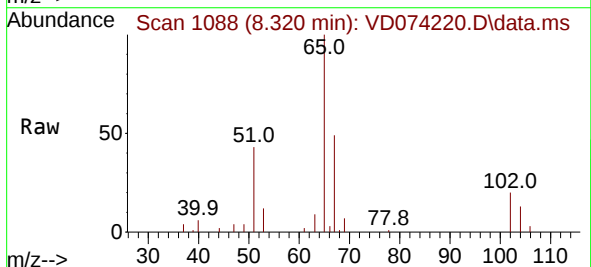
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(0-5)RE

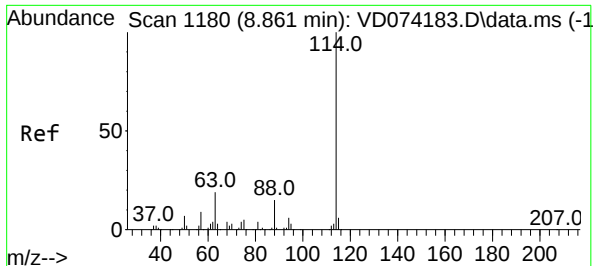
Tgt Ion: 84	Resp: 18312		
Ion	Ratio	Lower	Upper
84	100		
49	116.5	112.8	169.2
51	46.9	32.6	48.8
86	70.6	47.9	71.9



#33
1,2-Dichloroethane-d4
Concen: 51.548 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074220.D
Acq: 24 Aug 2022 13:40

Tgt Ion: 65	Resp: 37843
Ion Ratio	Lower Upper
65 100	
67 54.4	0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074220.D

Acq: 24 Aug 2022 13:40

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(0-5)RE

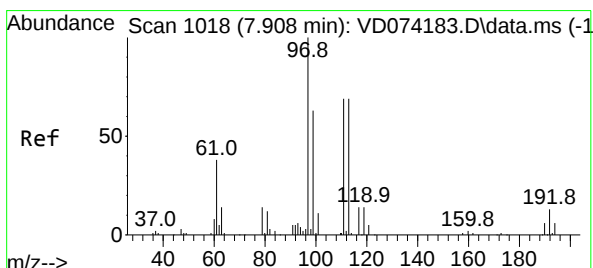
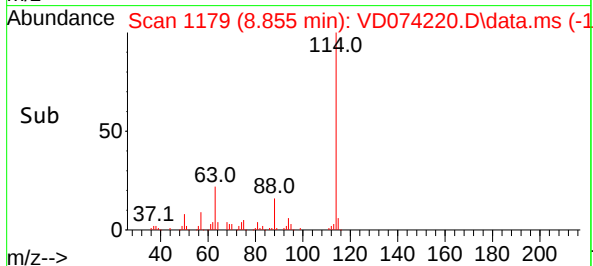
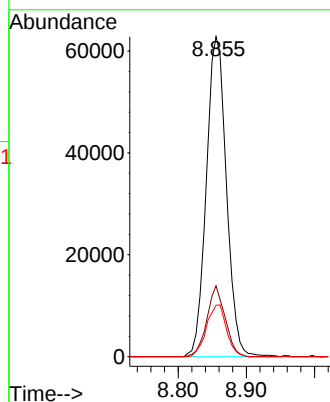
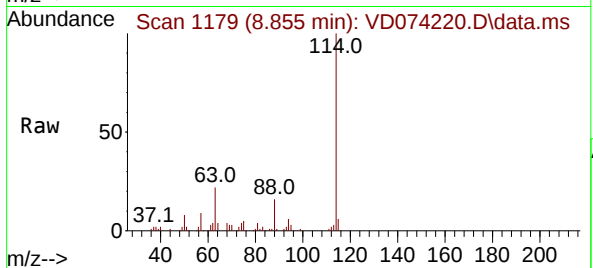
Tgt Ion:114 Resp: 128804

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.563 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074220.D

Acq: 24 Aug 2022 13:40

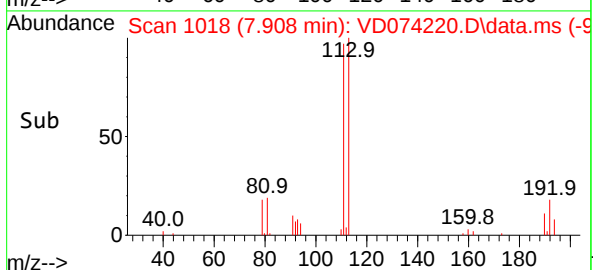
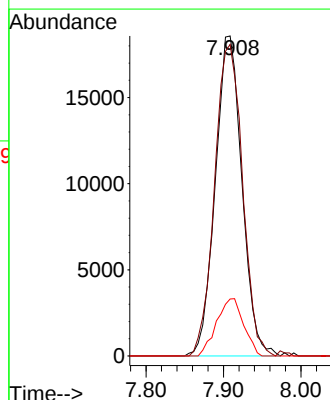
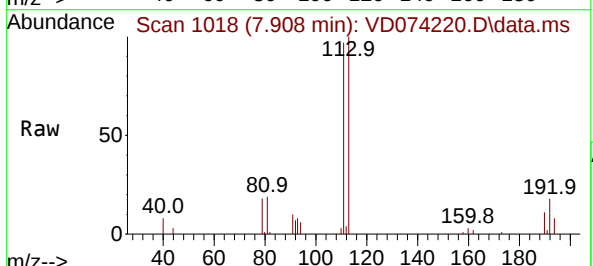
Tgt Ion:113 Resp: 44424

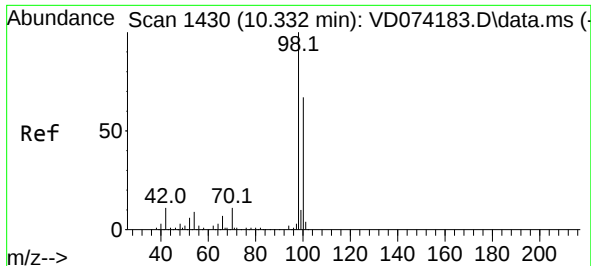
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.2 14.6 21.8

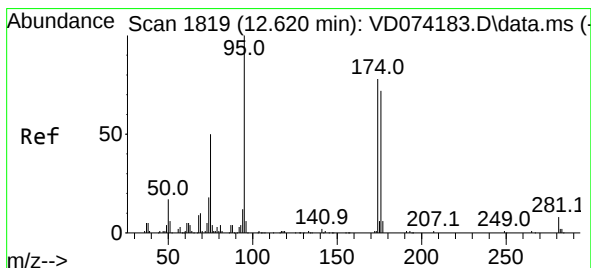
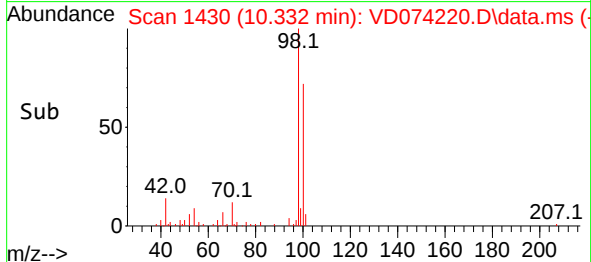
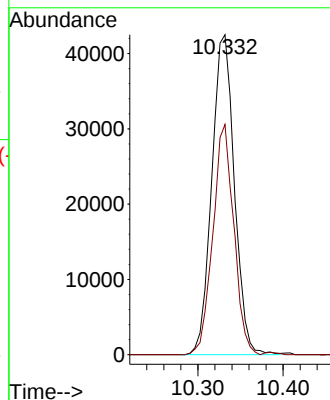
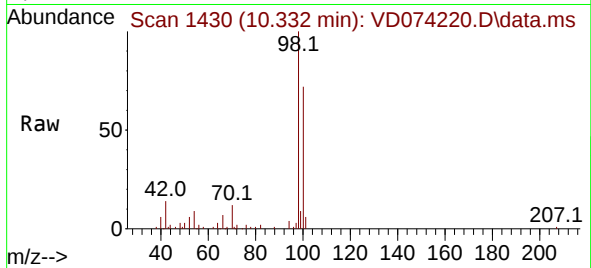




#50
Toluene-d8
Concen: 28.200 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074220.D
Acq: 24 Aug 2022 13:40

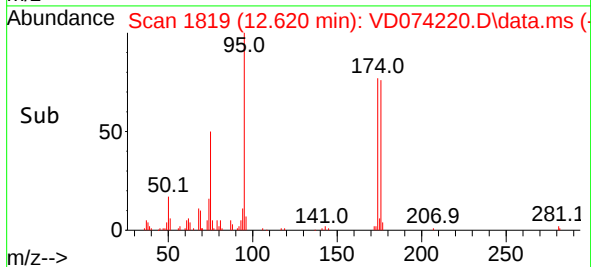
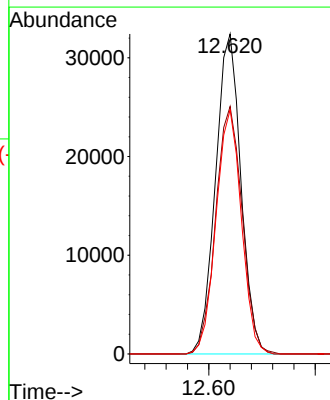
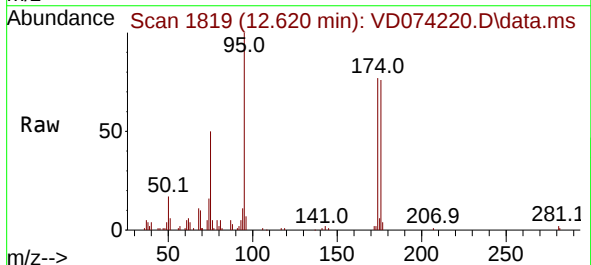
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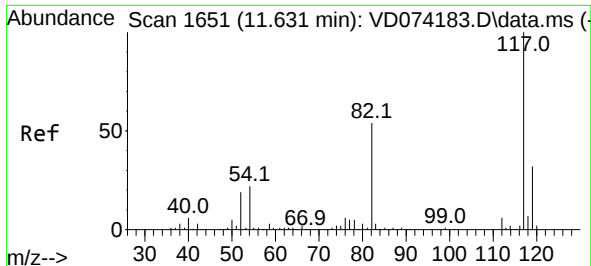
Tgt Ion: 98 Resp: 78193
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.890 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074220.D
Acq: 24 Aug 2022 13:40

Tgt Ion: 95 Resp: 53555
Ion Ratio Lower Upper
95 100
174 80.8 0.0 152.8
176 76.1 0.0 145.4

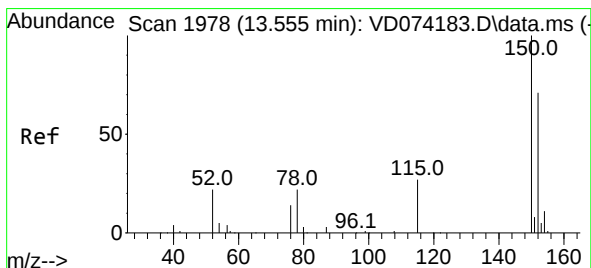
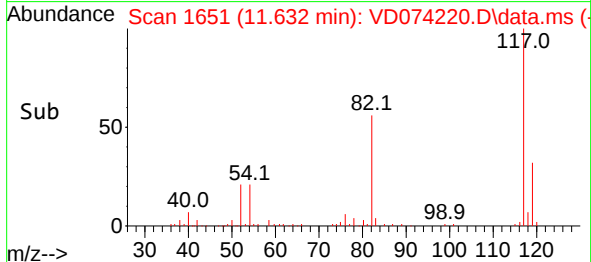
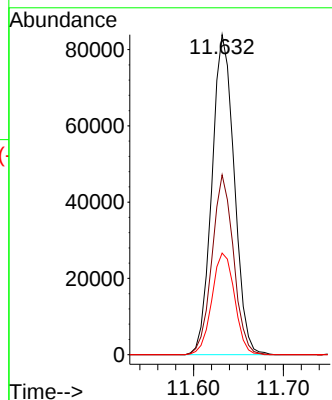
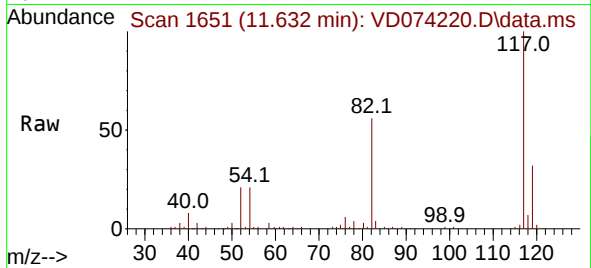




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074220.D
Acq: 24 Aug 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(0-5)RE

Tgt Ion:117 Resp: 144833
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074220.D
Acq: 24 Aug 2022 13:40

Tgt Ion:152 Resp: 77280
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 154.4 0.0 348.6

