

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074223.D
 Acq On : 24 Aug 2022 15:07
 Operator : VA/SY
 Sample : N4260-04
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(16-22)

Quant Time: Aug 25 05:03:07 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)

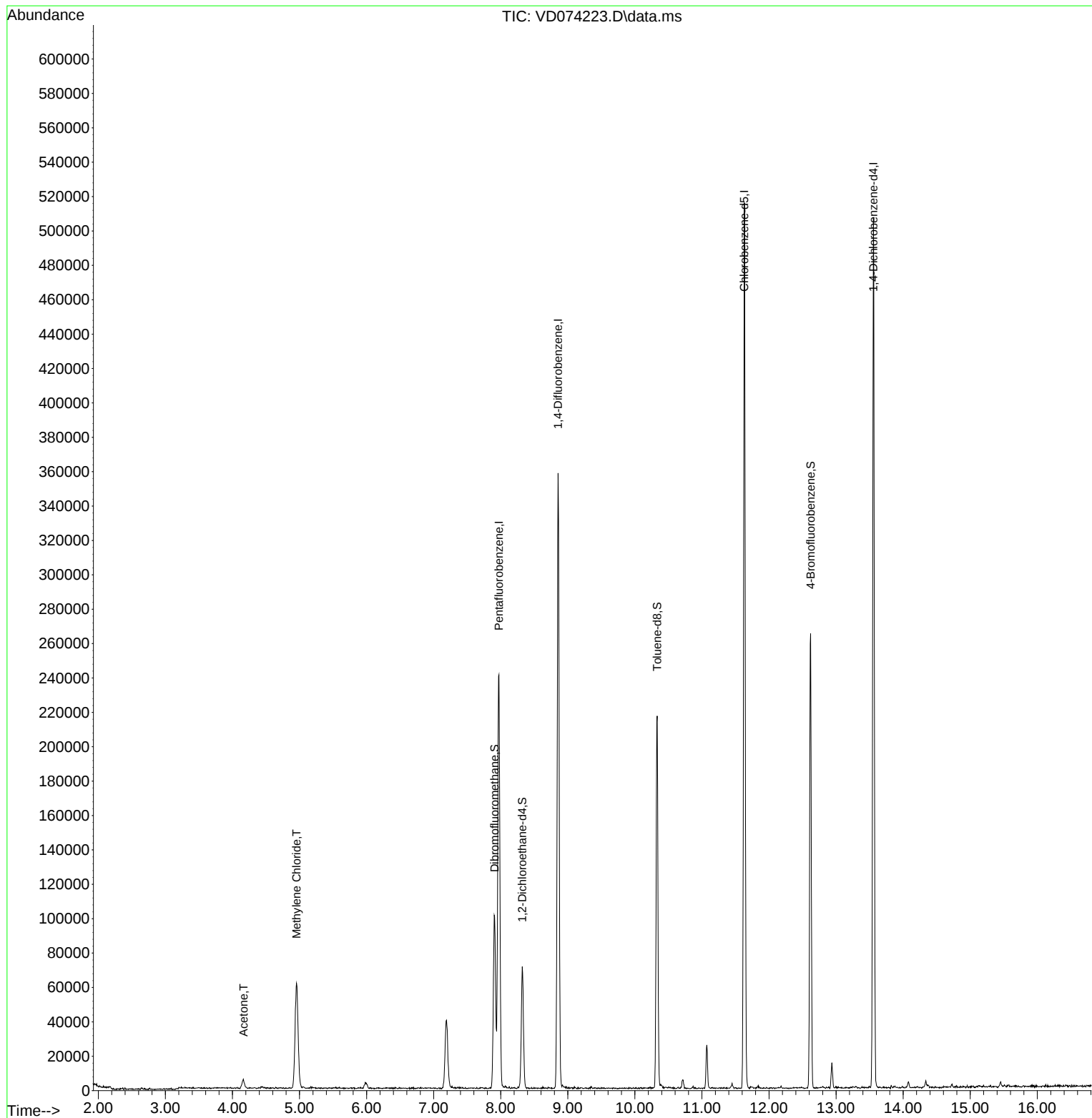
Internal Standards						
1) Pentafluorobenzene	7.973	168	176851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	301471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	292003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	137833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	56418	31.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.440%
35) Dibromofluoromethane	7.908	113	74347	36.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.740%
50) Toluene-d8	10.332	98	151508	23.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	46.700%#
62) 4-Bromofluorobenzene	12.620	95	88211	34.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.820%
Target Compounds						
16) Acetone	4.167	43	8439	24.511	ug/l	97
20) Methylene Chloride	4.956	84	48377	18.332	ug/l	85

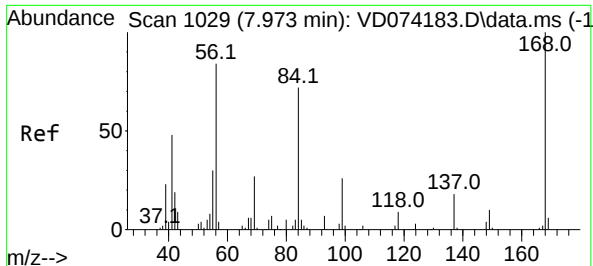
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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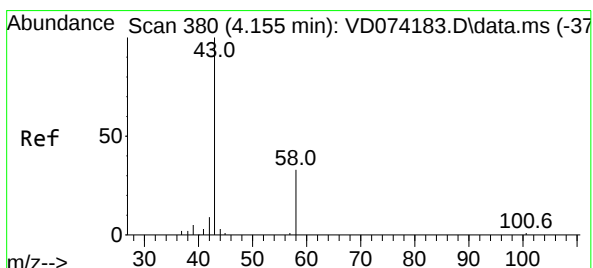
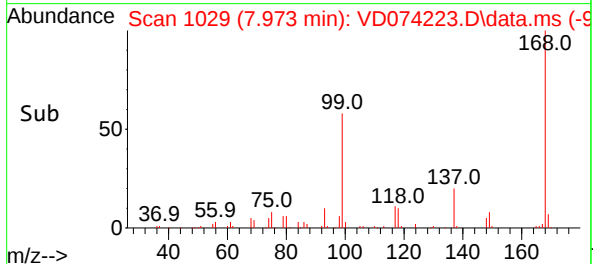
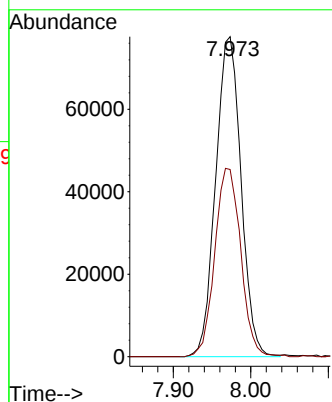
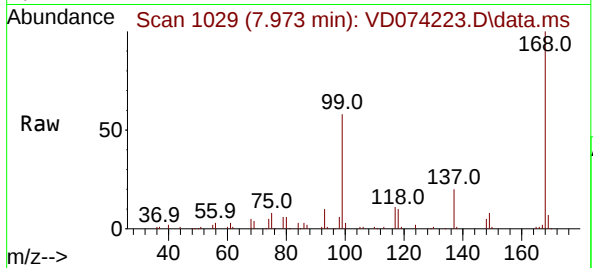




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074223.D
Acq: 24 Aug 2022 15:07

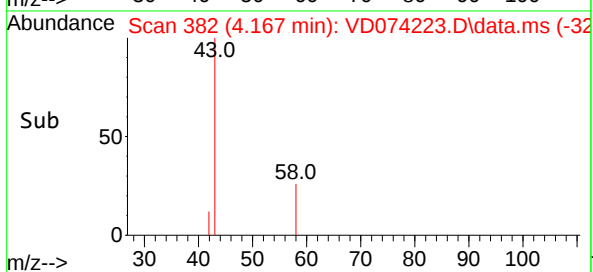
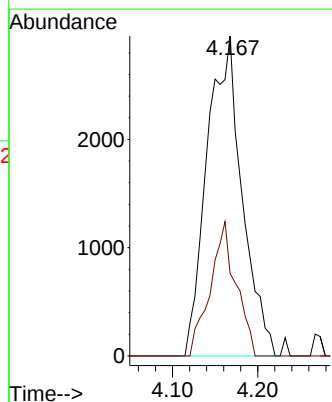
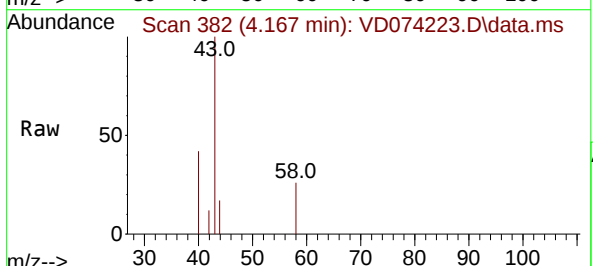
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(16-22)

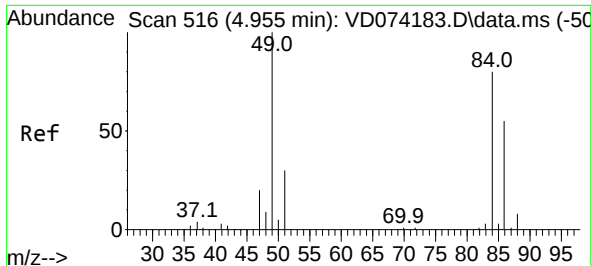
Tgt Ion:168 Resp: 176851
Ion Ratio Lower Upper
168 100
99 58.5 49.8 74.6



#16
Acetone
Concen: 24.511 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD074223.D
Acq: 24 Aug 2022 15:07

Tgt Ion: 43 Resp: 8439
Ion Ratio Lower Upper
43 100
58 25.8 22.1 33.1

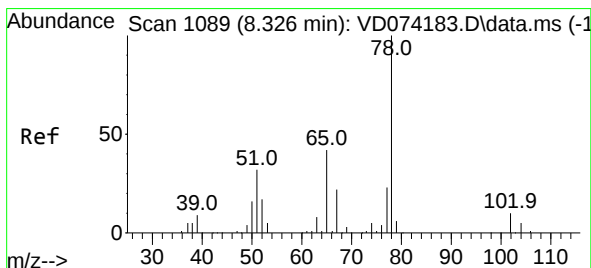
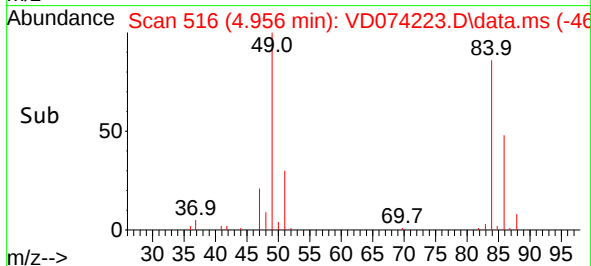
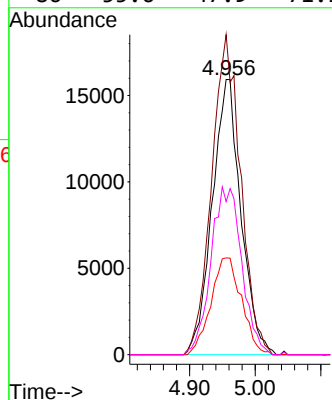
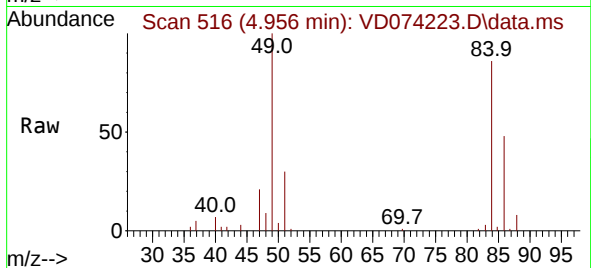




#20
Methylene Chloride
Concen: 18.332 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074223.D
Acq: 24 Aug 2022 15:07

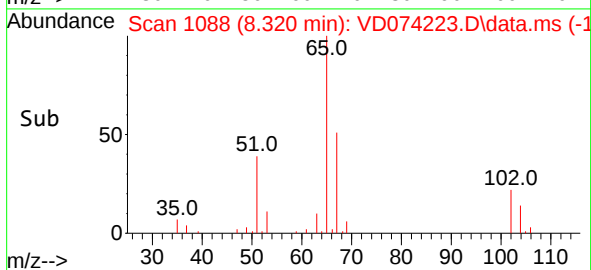
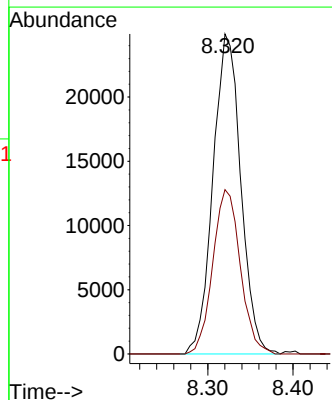
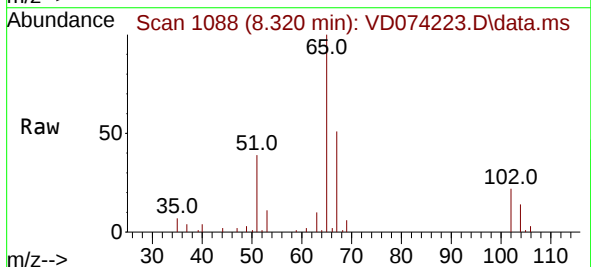
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(16-22)

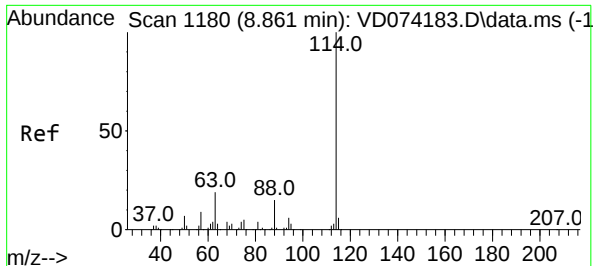
Tgt Ion: 84	Resp: 48377
Ion Ratio	Lower Upper
84 100	
49 116.2	112.8 169.2
51 35.2	32.6 48.8
86 55.6	47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 31.219 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074223.D
Acq: 24 Aug 2022 15:07

Tgt Ion: 65	Resp: 56418
Ion Ratio	Lower Upper
65 100	
67 50.9	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: VD074223.D

Acq: 24 Aug 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(16-22)

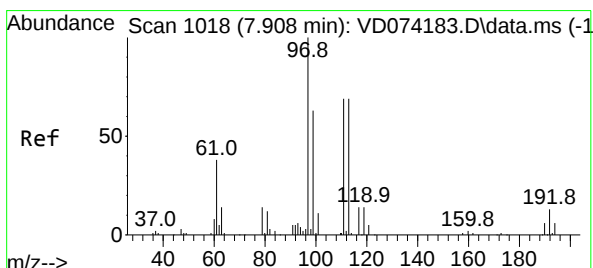
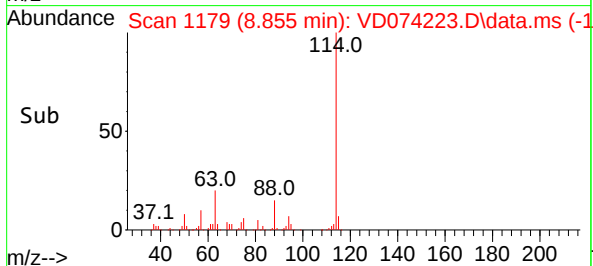
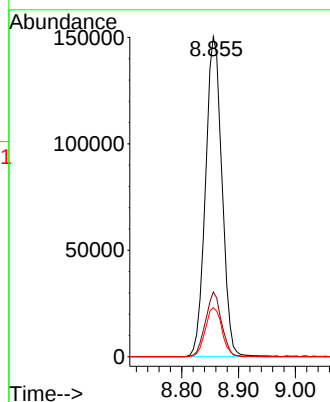
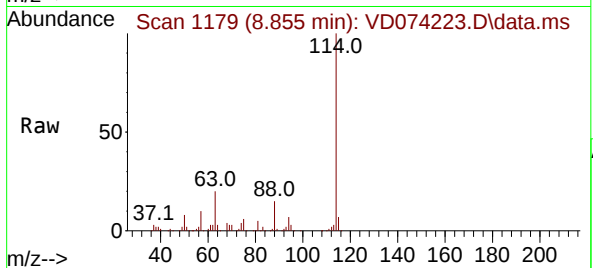
Tgt Ion:114 Resp: 301471

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 36.869 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074223.D

Acq: 24 Aug 2022 15:07

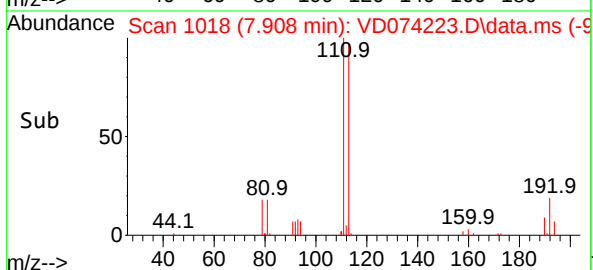
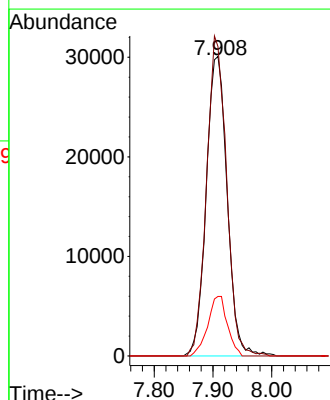
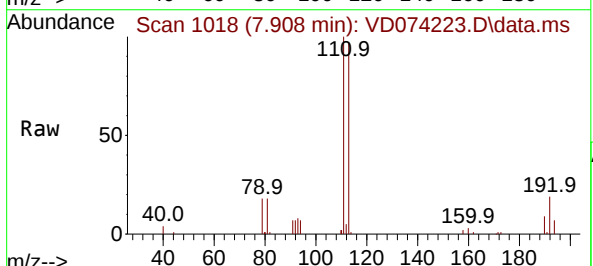
Tgt Ion:113 Resp: 74347

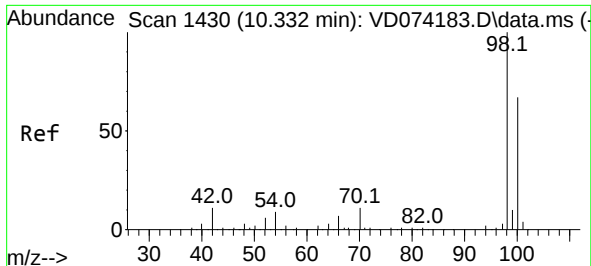
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.6 14.6 21.8

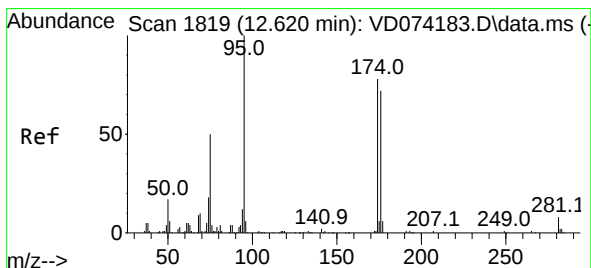
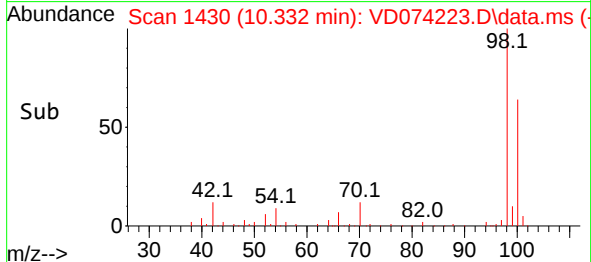
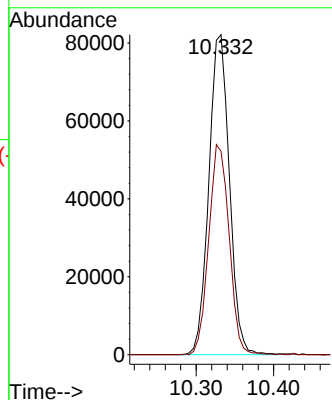
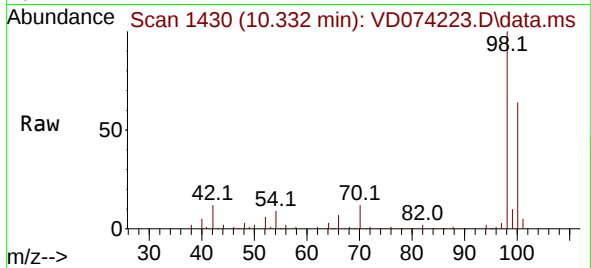




#50
Toluene-d8
Concen: 23.345 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074223.D
Acq: 24 Aug 2022 15:07

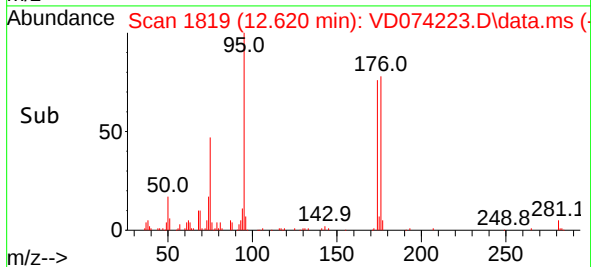
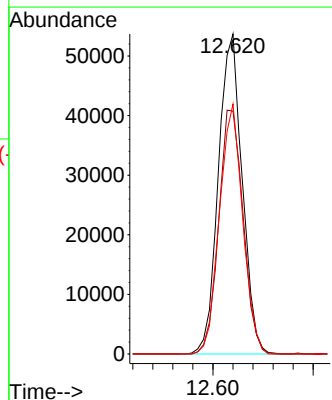
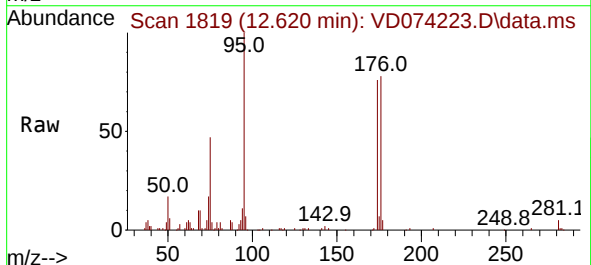
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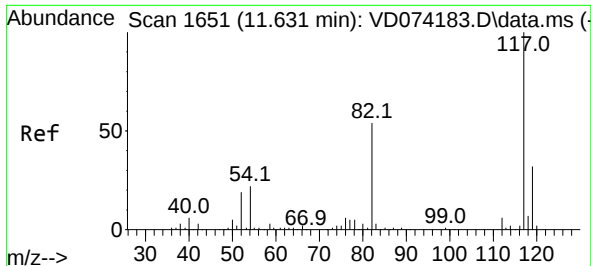
Tgt Ion: 98 Resp: 151508
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 34.405 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074223.D
Acq: 24 Aug 2022 15:07

Tgt Ion: 95 Resp: 88211
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 76.3 0.0 145.4

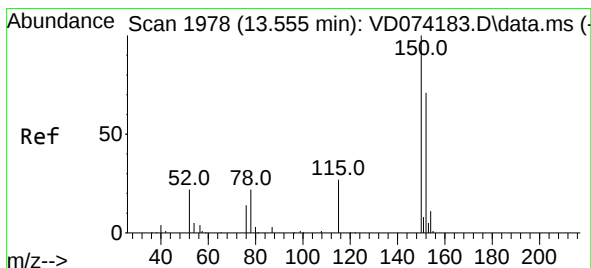
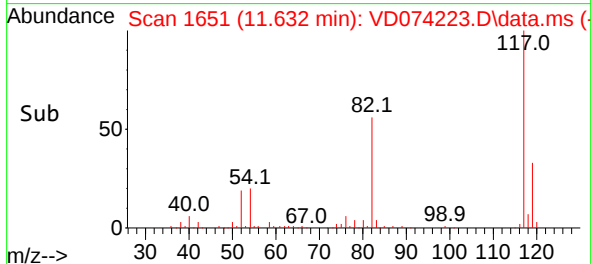
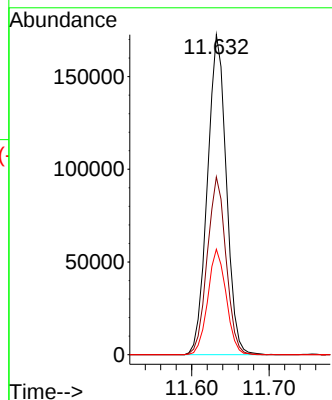
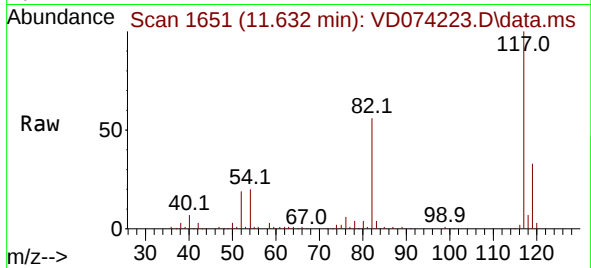




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD074223.D
Acq: 24 Aug 2022 15:07

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(16-22)

Tgt Ion:117 Resp: 292003
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074223.D
Acq: 24 Aug 2022 15:07

Tgt Ion:152 Resp: 137833
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 157.2 0.0 348.6

