

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072250.D
 Acq On : 17 Mar 2022 17:58
 Operator : VA/SY
 Sample : N1956-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TPK-2

Quant Time: Mar 18 04:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

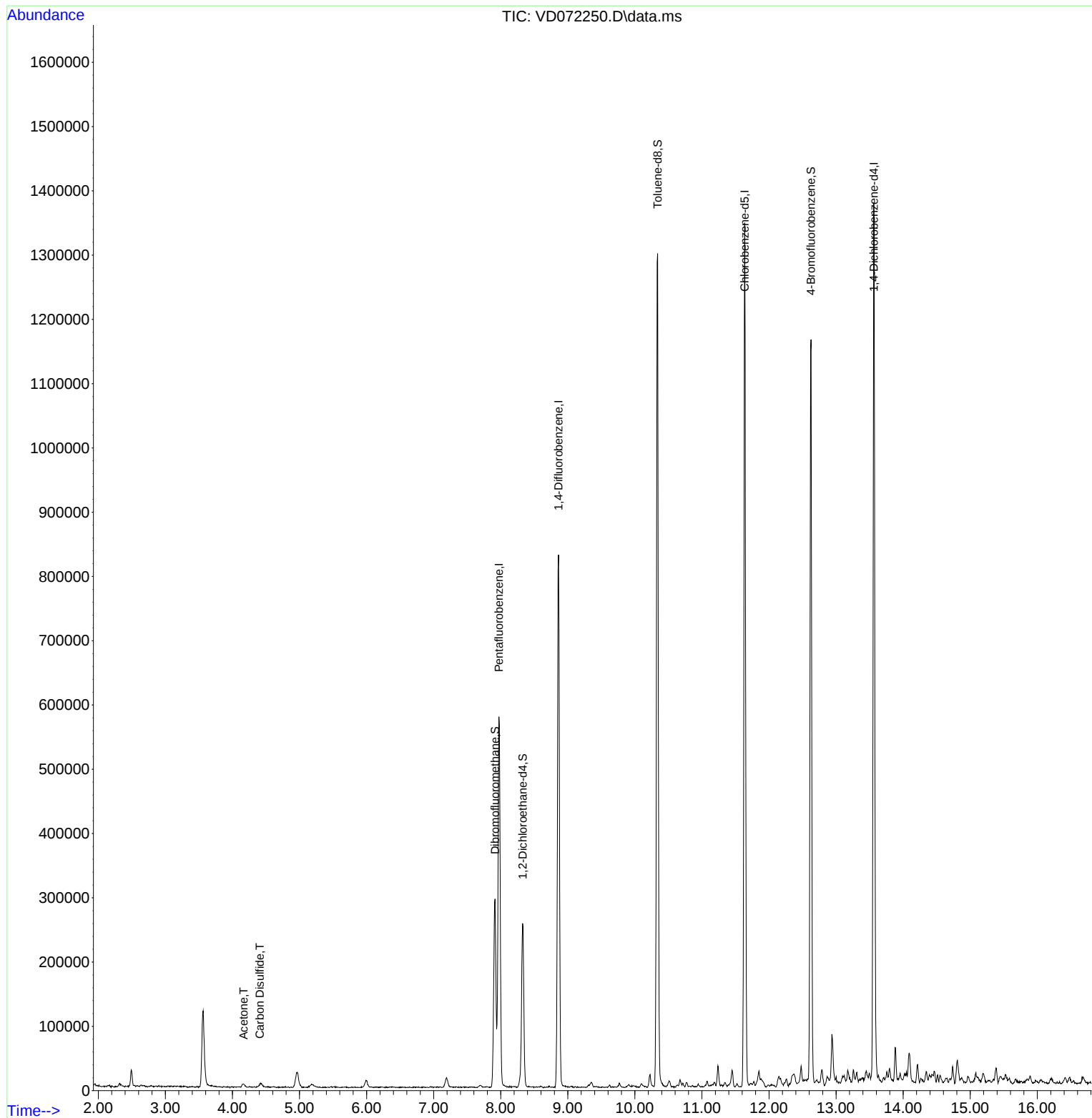
Internal Standards						
1) Pentafluorobenzene	7.973	168	426475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	707716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	761865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	364199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207286	43.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.220%
35) Dibromofluoromethane	7.914	113	207680	41.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.400%
50) Toluene-d8	10.338	98	886064	48.657	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.626	95	378876	53.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.100%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	10414	10.092	ug/l	93
17) Carbon Disulfide	4.409	76	8188	2.369	ug/l #	87

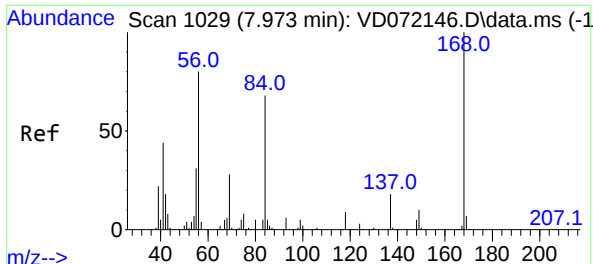
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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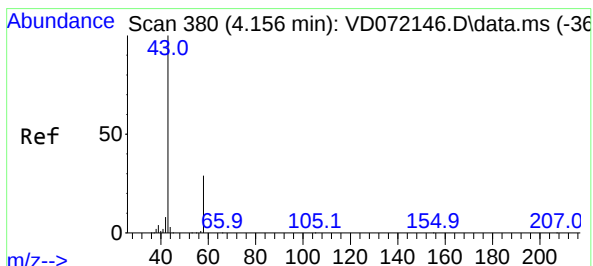
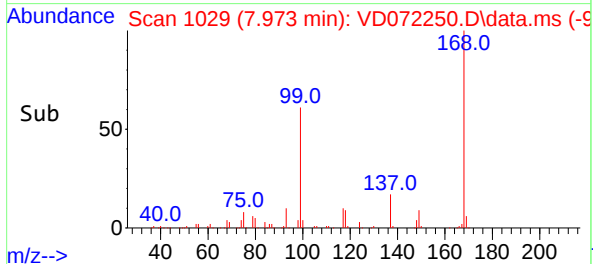
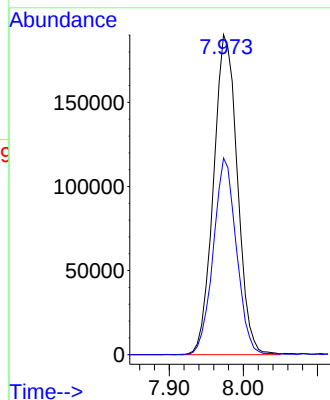
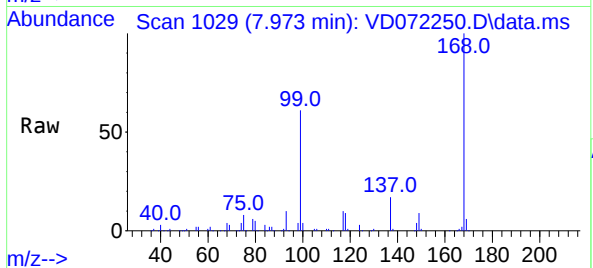




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072250.D
Acq: 17 Mar 2022 17:58

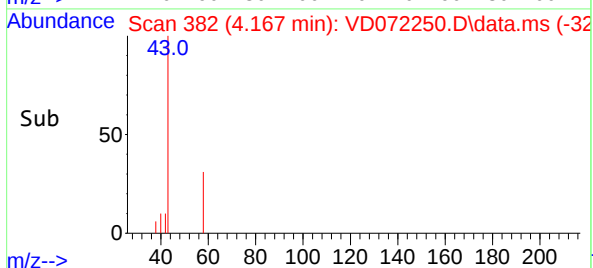
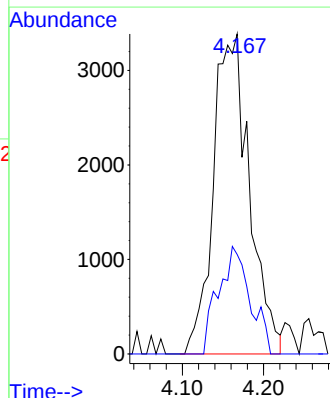
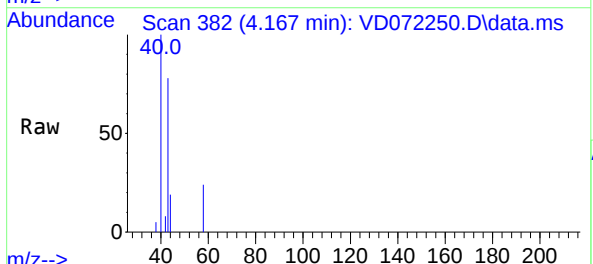
Instrument :
MSVOA_D
ClientSampleId :
TPK-2

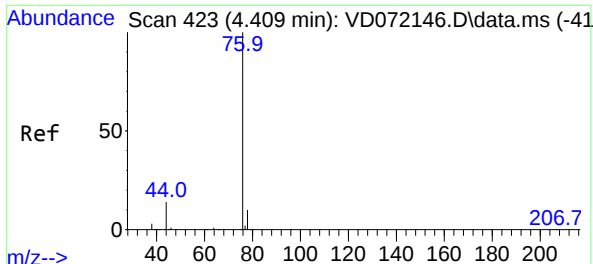
Tgt Ion:168 Resp: 426475
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#16
Acetone
Concen: 10.092 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072250.D
Acq: 17 Mar 2022 17:58

Tgt Ion: 43 Resp: 10414
Ion Ratio Lower Upper
43 100
58 31.1 22.1 33.1

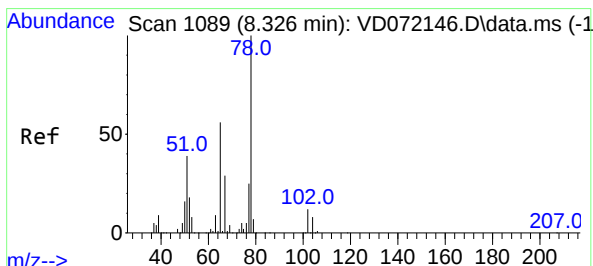
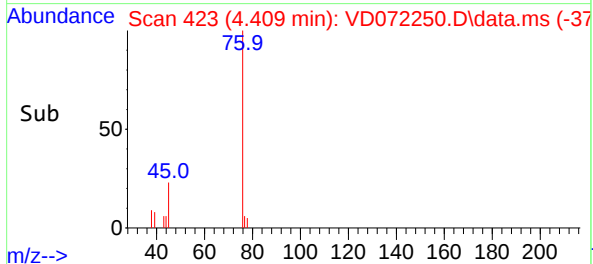
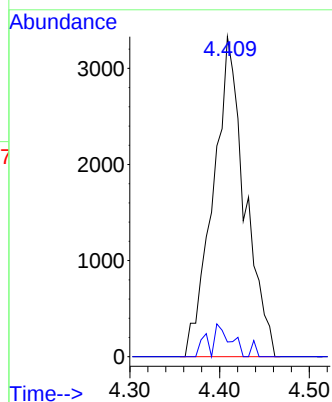
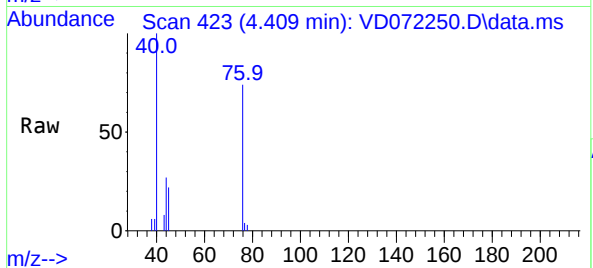




#17
Carbon Disulfide
Concen: 2.369 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072250.D
Acq: 17 Mar 2022 17:58

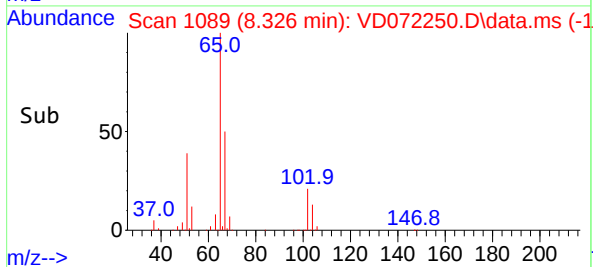
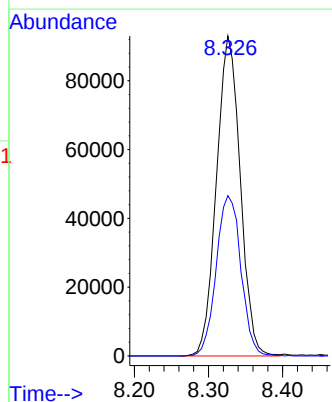
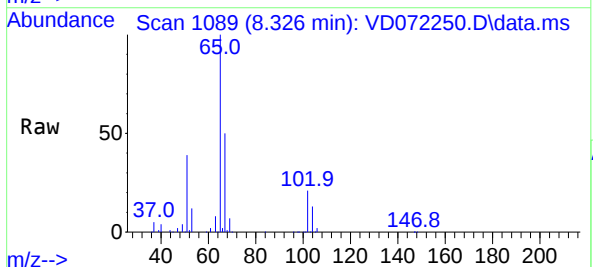
Instrument :
MSVOA_D
ClientSampleId :
TPK-2

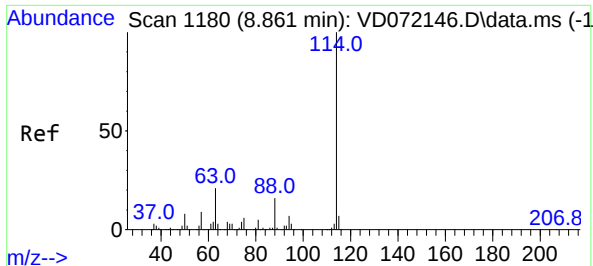
Tgt Ion: 76 Resp: 8188
Ion Ratio Lower Upper
76 100
78 4.6 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 43.613 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072250.D
Acq: 17 Mar 2022 17:58

Tgt Ion: 65 Resp: 207286
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072250.D

Acq: 17 Mar 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

TPK-2

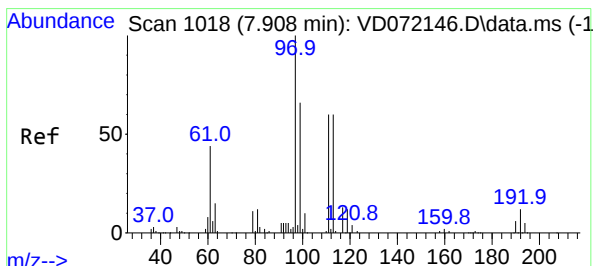
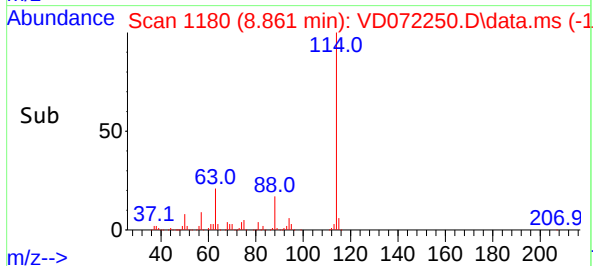
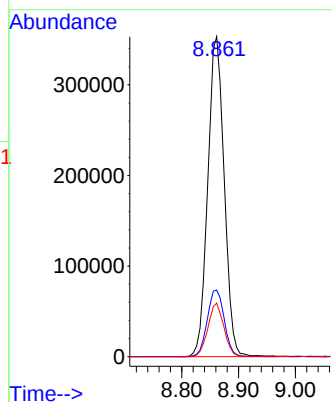
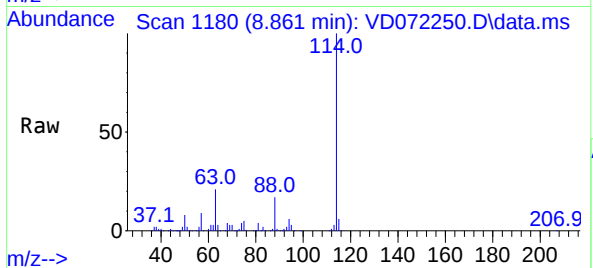
Tgt Ion:114 Resp: 707716

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.701 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072250.D

Acq: 17 Mar 2022 17:58

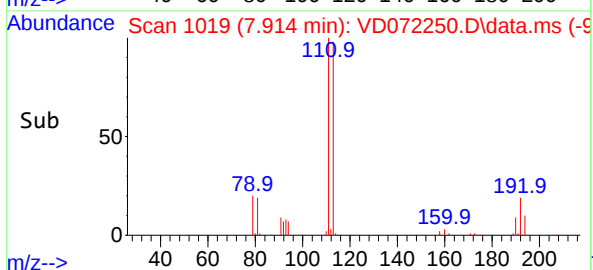
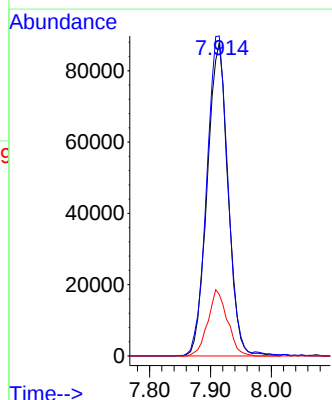
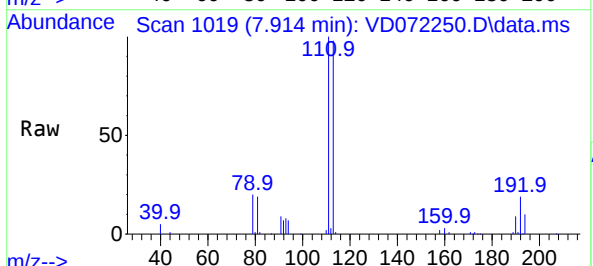
Tgt Ion:113 Resp: 207680

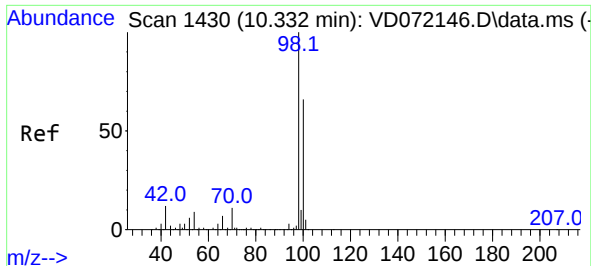
Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 19.9 14.6 21.8

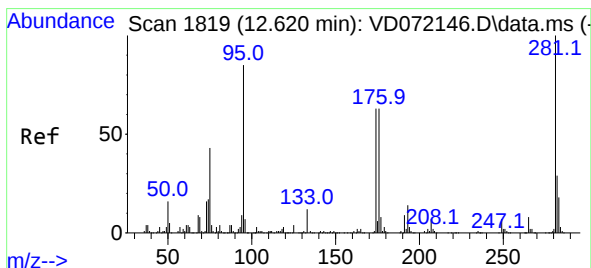
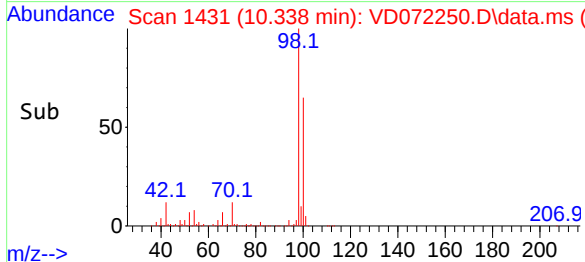
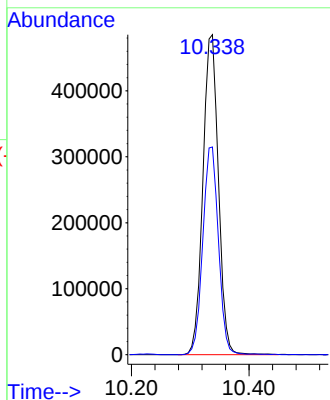
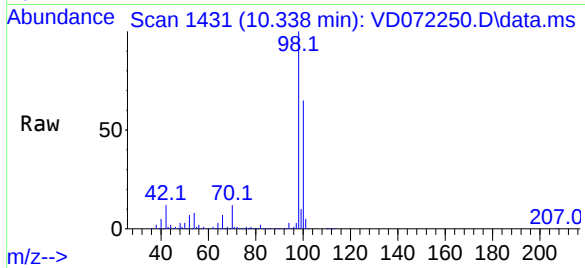




#50
Toluene-d8
Concen: 48.657 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072250.D
Acq: 17 Mar 2022 17:58

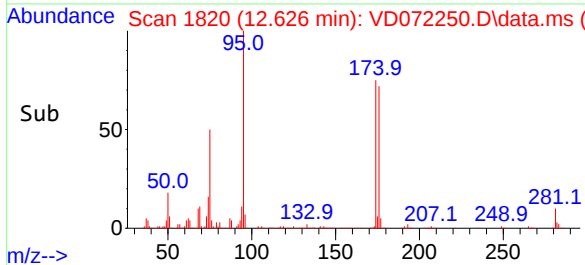
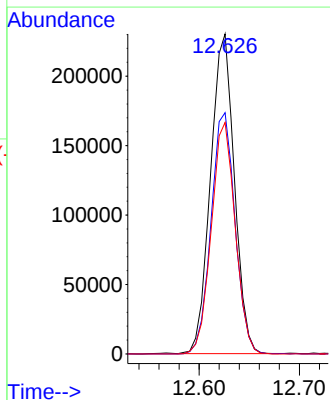
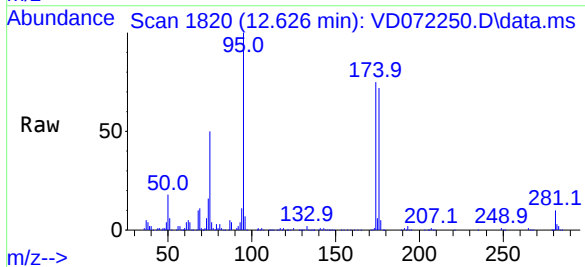
Instrument :
MSVOA_D
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TPK-2

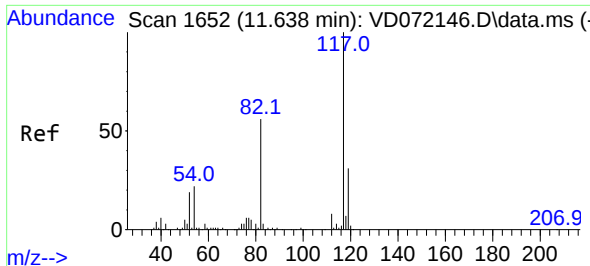
Tgt Ion: 98 Resp: 886064
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.546 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072250.D
Acq: 17 Mar 2022 17:58

Tgt Ion: 95 Resp: 378876
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.7 0.0 145.4

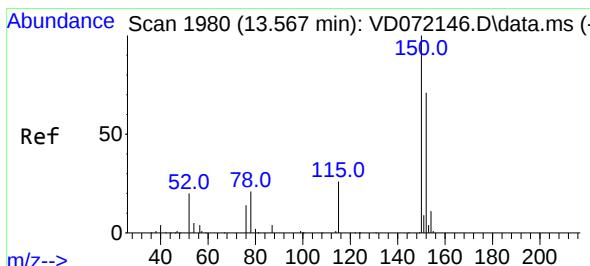
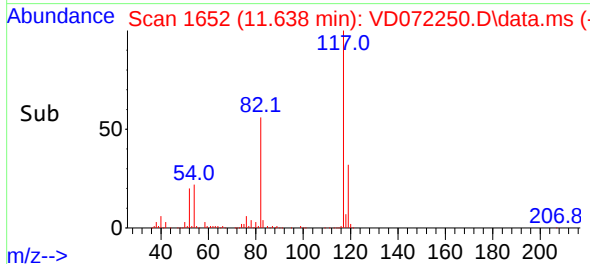
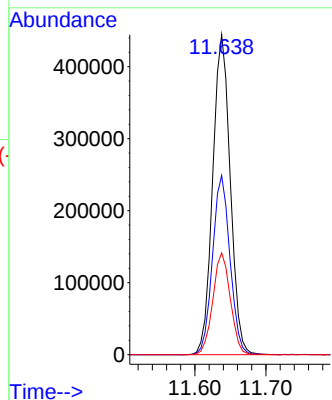
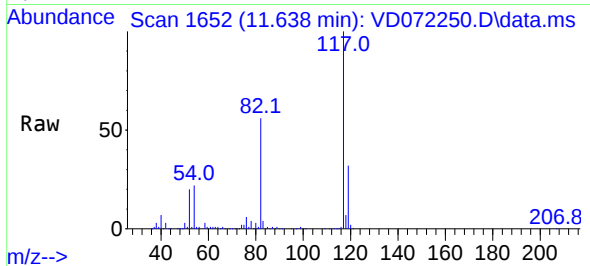




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072250.D
Acq: 17 Mar 2022 17:58

Instrument :
MSVOA_D
ClientSampleId :
TPK-2

Tgt Ion:117 Resp: 761865
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.8 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: VD072250.D
Acq: 17 Mar 2022 17:58

Tgt Ion:152 Resp: 364199
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 156.6 0.0 348.6

