

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071526.D
 Acq On : 29 Dec 2021 14:01
 Operator : VA/SY
 Sample : M5230-09
 Misc : 4.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124019

Quant Time: Dec 29 15:29:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

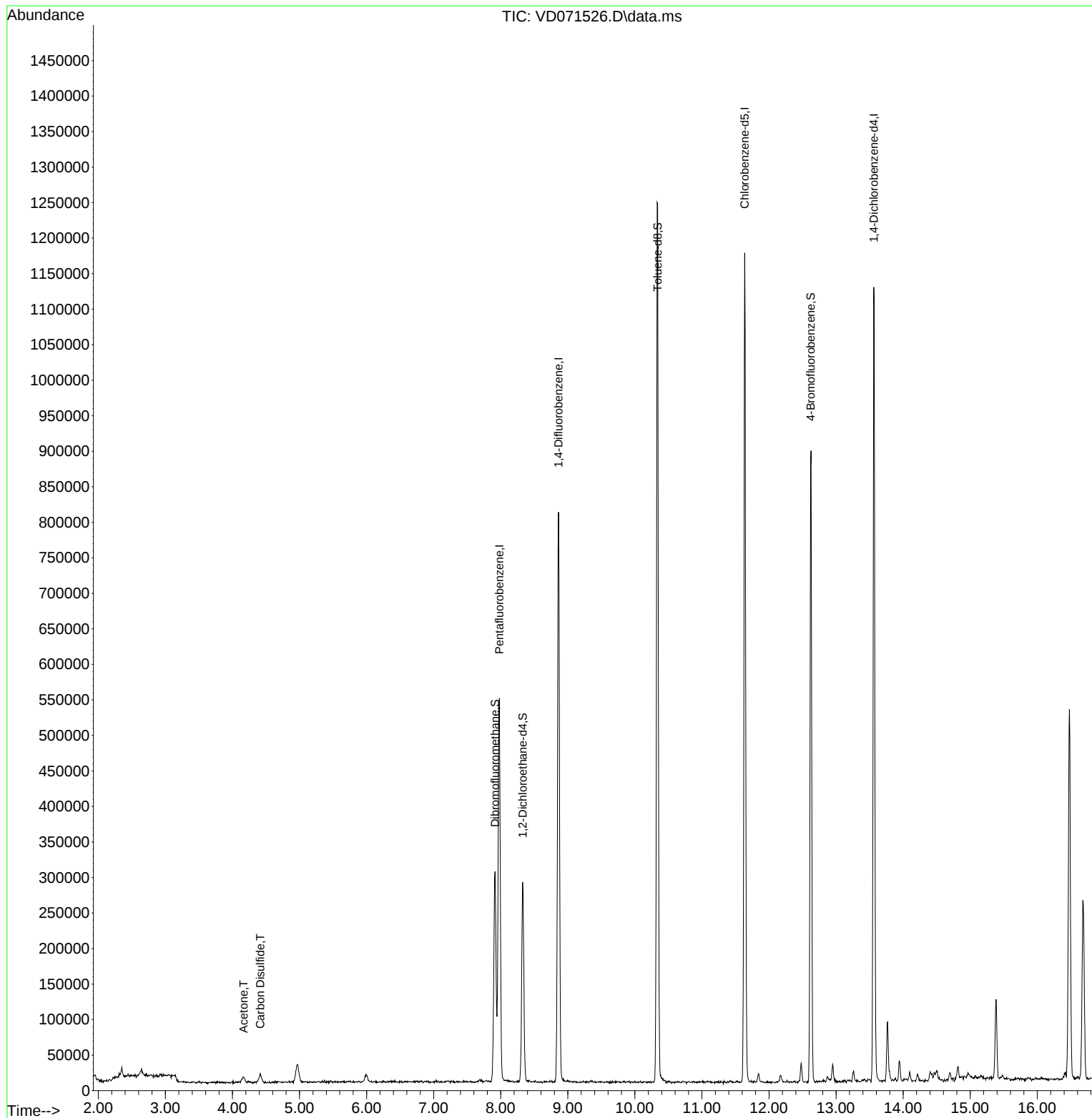
Internal Standards						
1) Pentafluorobenzene	7.979	168	371840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	642920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	609741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220241	44.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.200%
35) Dibromofluoromethane	7.914	113	209203	48.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.338	98	809994	49.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.620	95	275690	47.513	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.020%
Target Compounds						
16) Acetone	4.168	43	14185	11.436	ug/l	91
17) Carbon Disulfide	4.415	76	22642	1.794	ug/l #	91

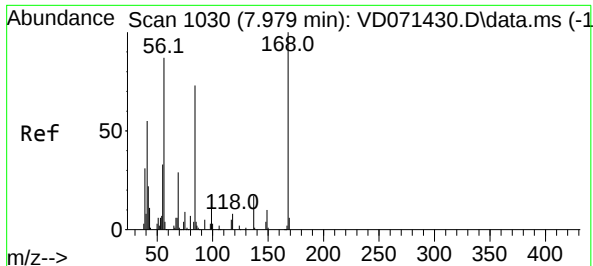
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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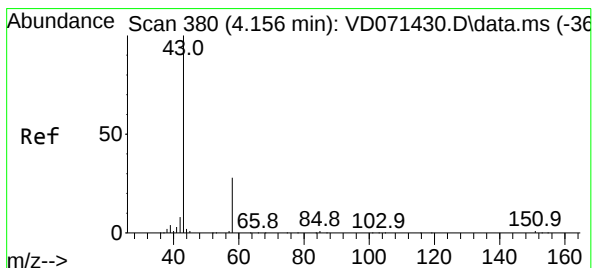
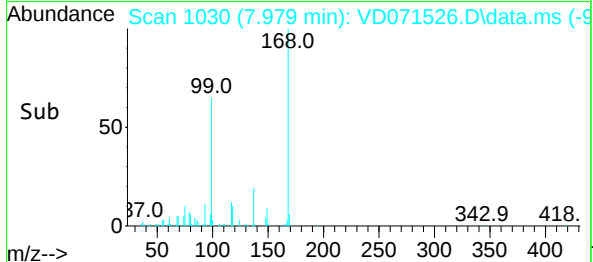
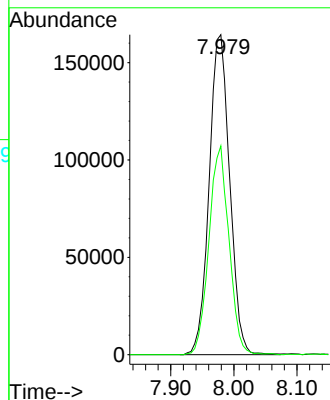
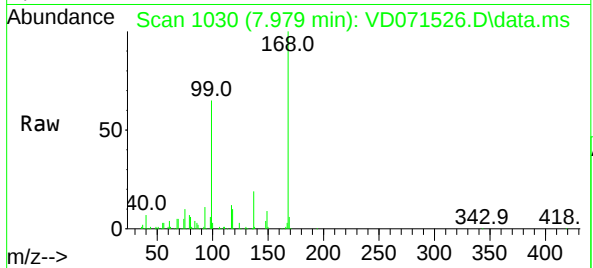




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

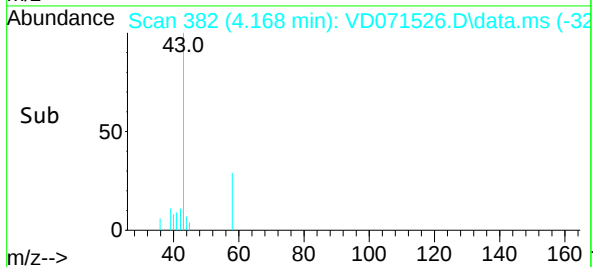
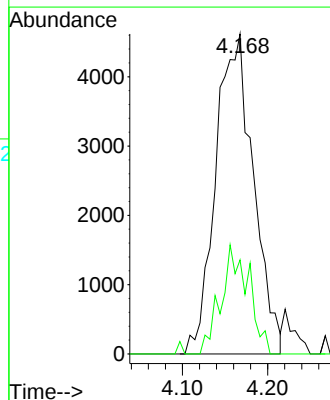
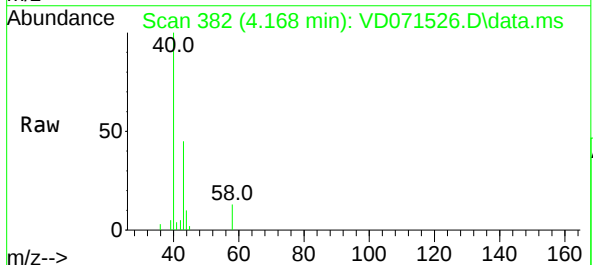
Instrument :
MSVOA_D
ClientSampleId :
PSC124019

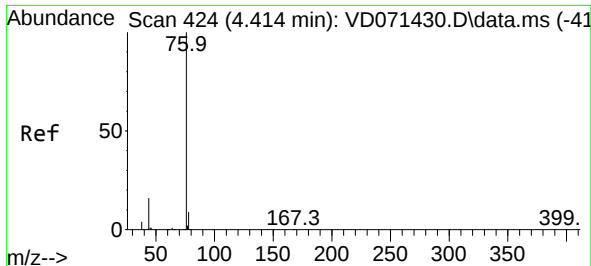
Tgt Ion:168 Resp: 371840
Ion Ratio Lower Upper
168 100
99 65.3 46.6 69.8



#16
Acetone
Concen: 11.436 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 43 Resp: 14185
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8

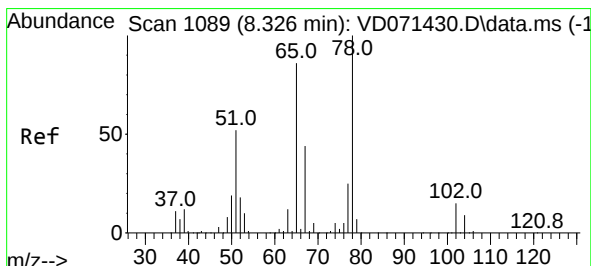
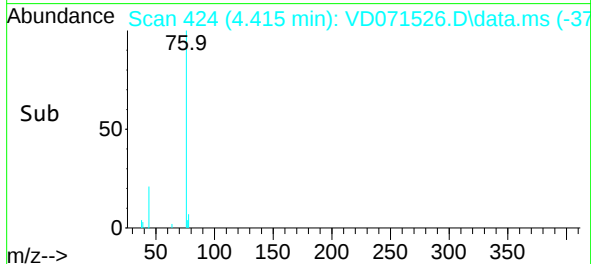
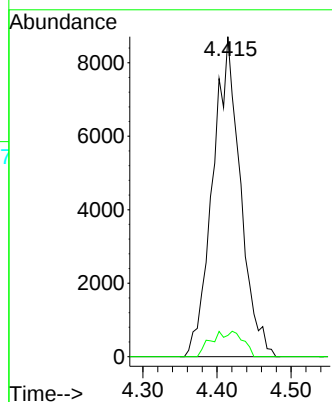
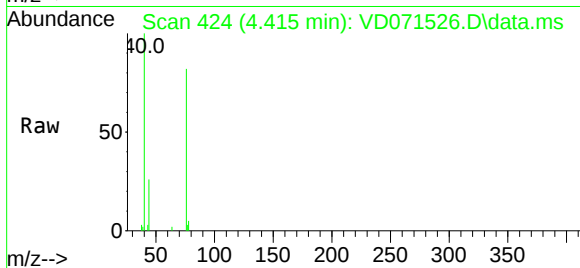




#17
Carbon Disulfide
Concen: 1.794 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

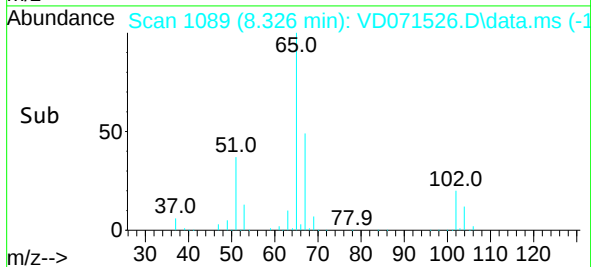
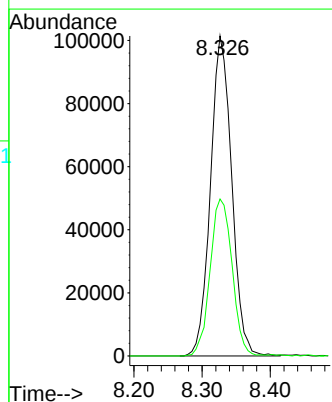
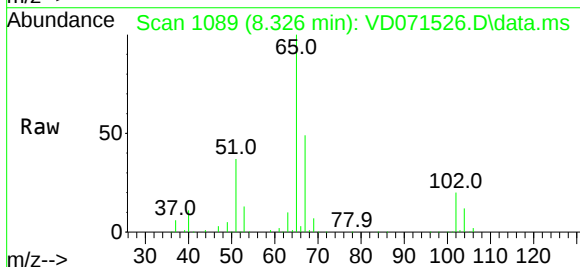
Instrument :
MSVOA_D
ClientSampleId :
PSC124019

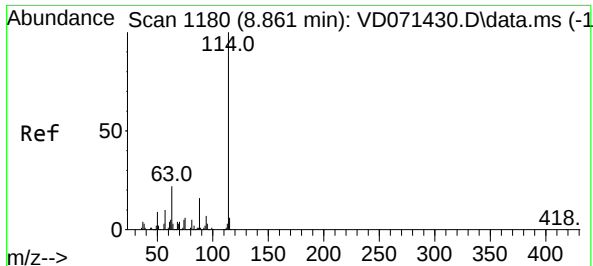
Tgt Ion: 76 Resp: 22642
Ion Ratio Lower Upper
76 100
78 6.7 7.8 11.8#



#33
1,2-Dichloroethane-d4
Concen: 44.598 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 65 Resp: 220241
Ion Ratio Lower Upper
65 100
67 50.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071526.D

Acq: 29 Dec 2021 14:01

Instrument :

MSVOA_D

ClientSampleId :

PSC124019

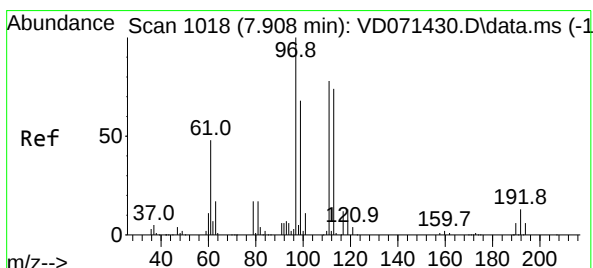
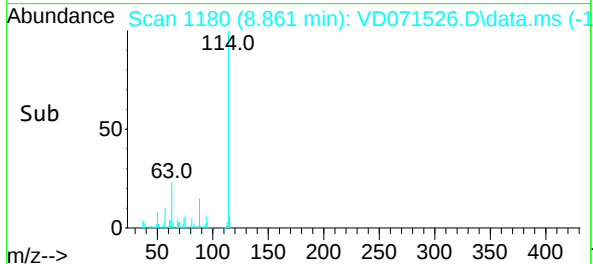
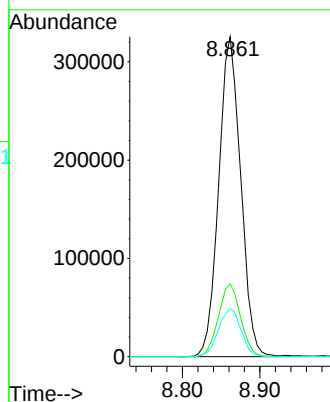
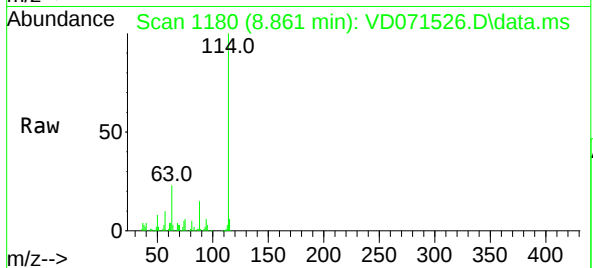
Tgt Ion:114 Resp: 642920

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 15.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.416 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071526.D

Acq: 29 Dec 2021 14:01

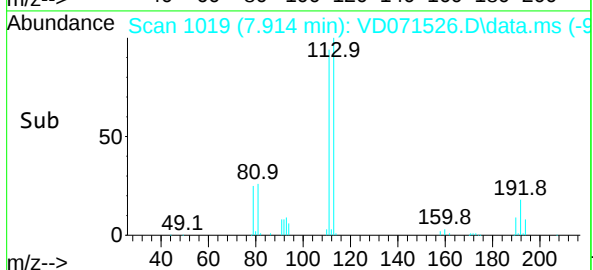
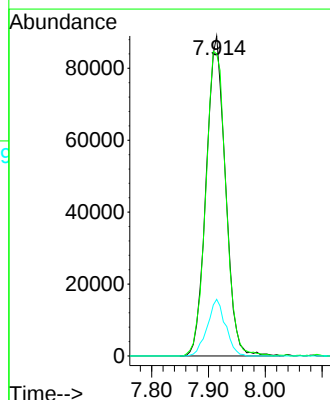
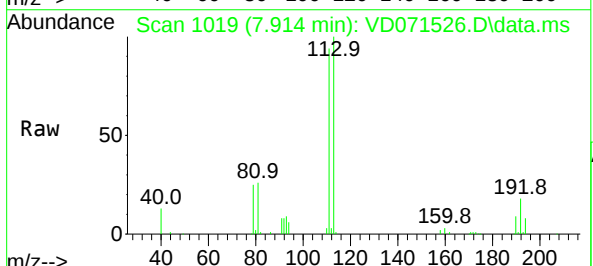
Tgt Ion:113 Resp: 209203

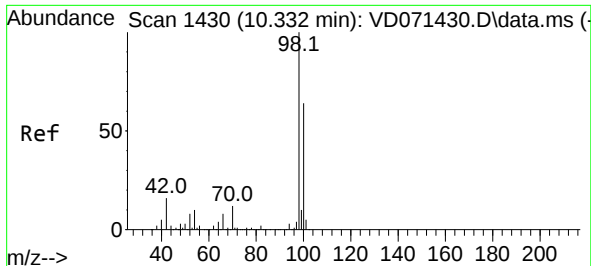
Ion Ratio Lower Upper

113 100

111 99.5 82.0 123.0

192 16.8 15.2 22.8

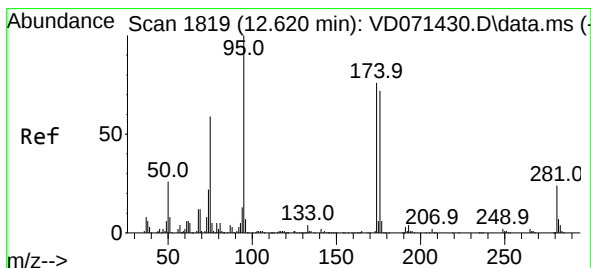
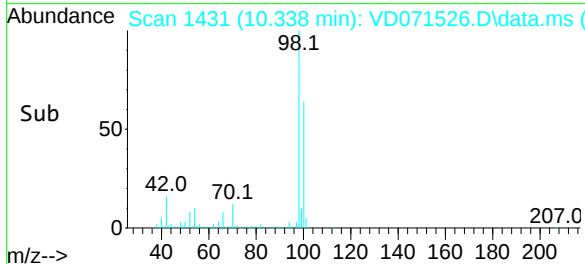
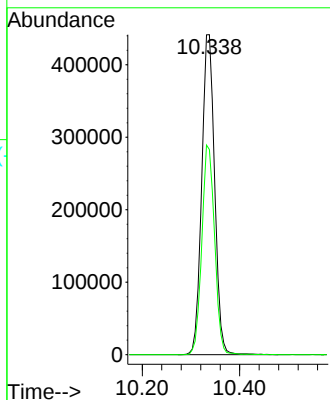
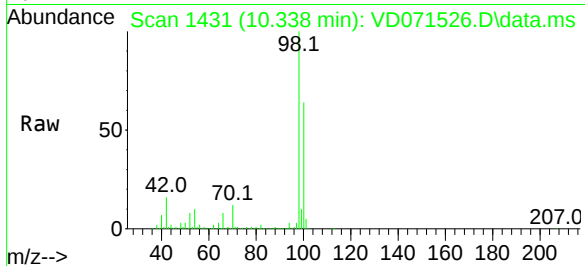




#50
Toluene-d8
Concen: 49.605 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

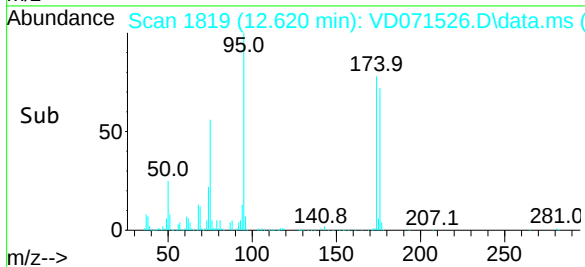
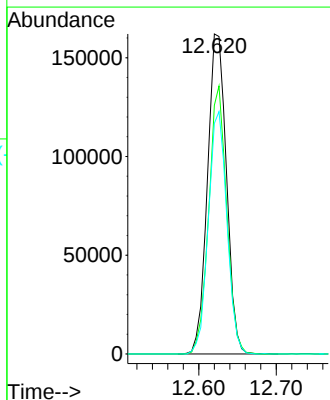
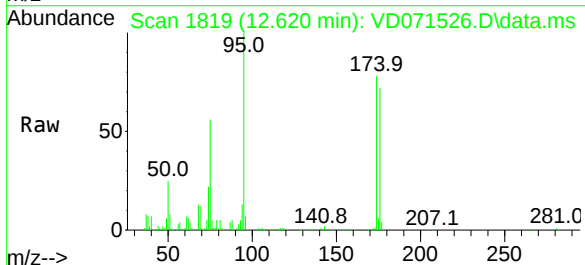
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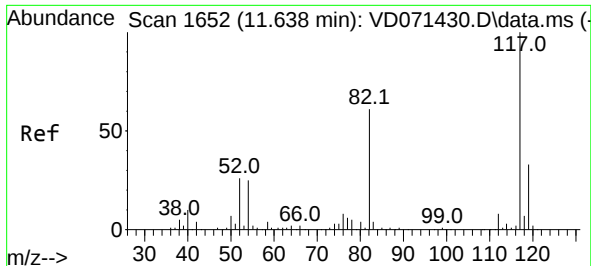
Tgt Ion: 98 Resp: 809994
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.513 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion: 95 Resp: 275690
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.4
176 73.8 0.0 154.0

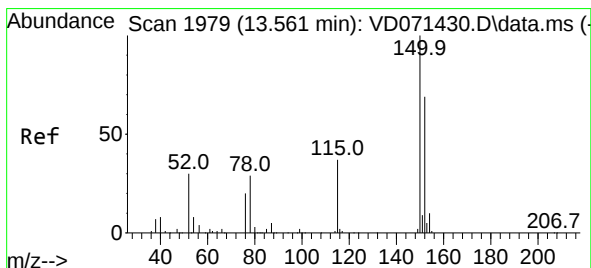
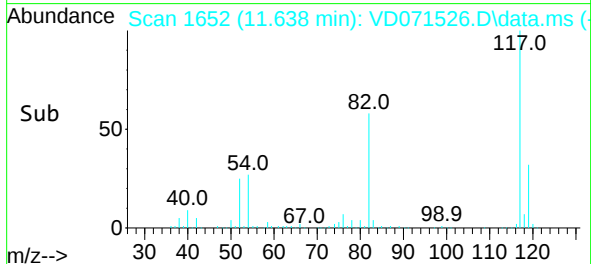
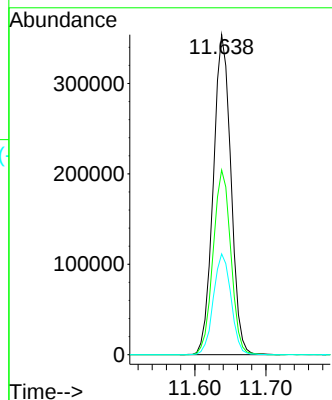
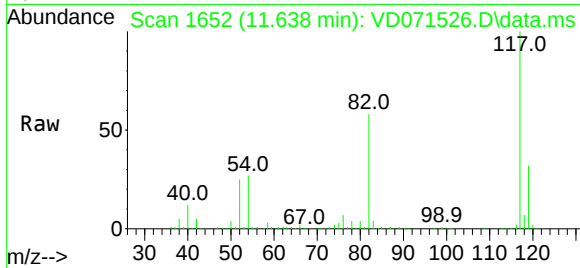




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Instrument :
MSVOA_D
ClientSampleId :
PSC124019

Tgt Ion:117 Resp: 609741
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071526.D
Acq: 29 Dec 2021 14:01

Tgt Ion:152 Resp: 269345
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 159.3 0.0 349.2

