

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072270.D
 Acq On : 18 Mar 2022 04:50
 Operator : VA/SY
 Sample : N1966-12
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-1-12-24-25

Quant Time: Mar 18 05:40:39 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)

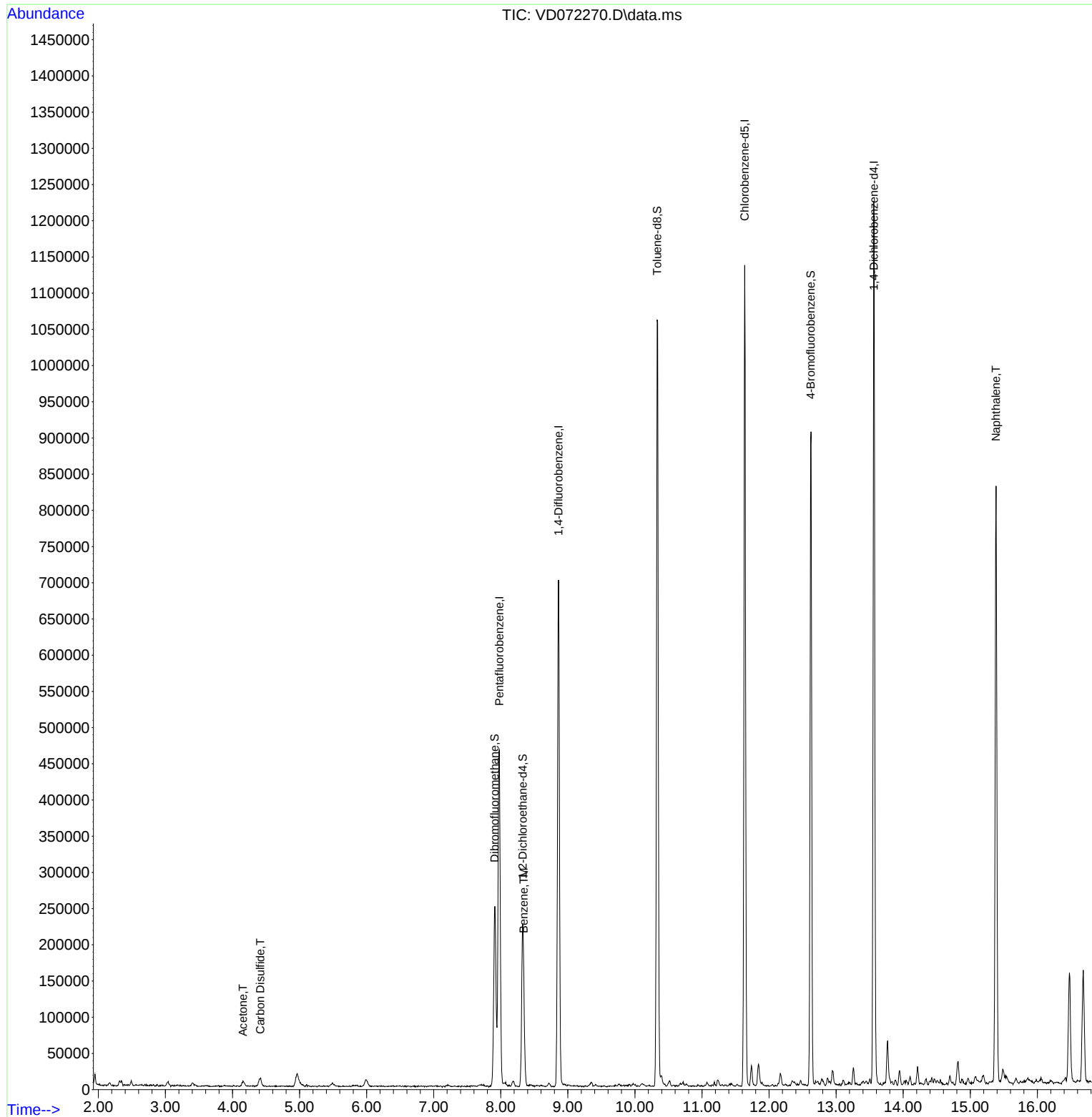
Internal Standards						
1) Pentafluorobenzene	7.979	168	343974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	627592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173764	45.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.908	113	182041	44.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.660%
50) Toluene-d8	10.332	98	728771	48.539	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.620	95	304312	52.164	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.320%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	12670	15.223	ug/l	91
17) Carbon Disulfide	4.414	76	24206	4.685	ug/l	95
40) Benzene	8.344	78	35277	2.147	ug/l	97
95) Naphthalene	15.384	128	696505	59.976	ug/l	99

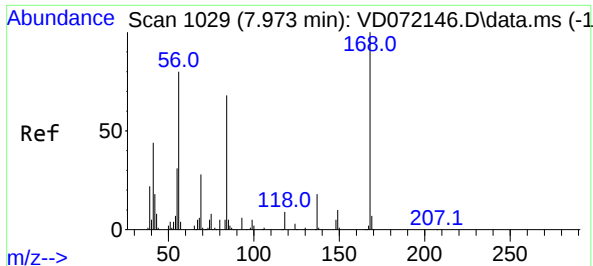
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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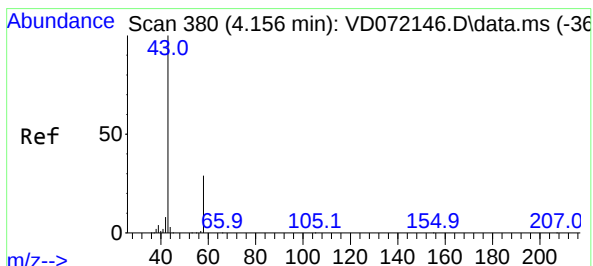
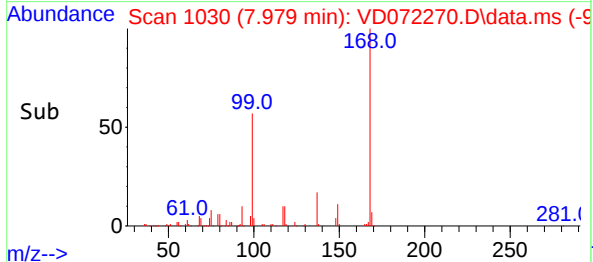
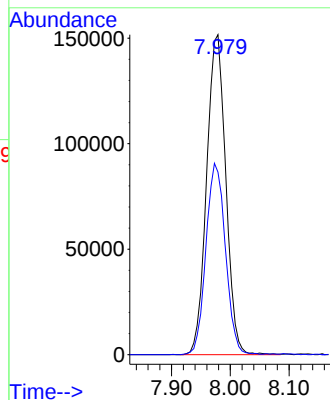
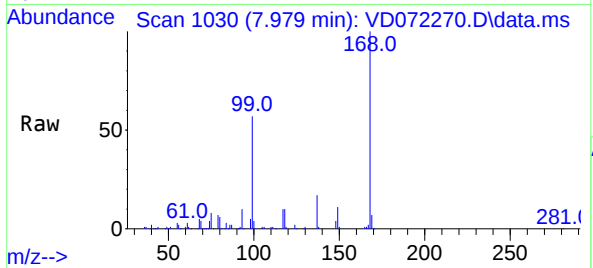




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

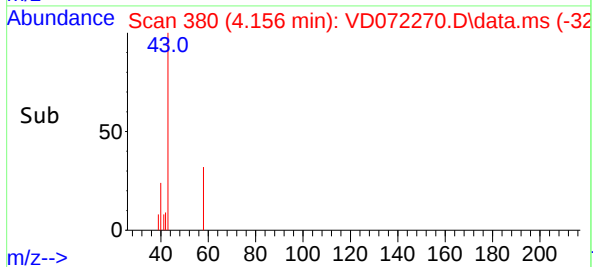
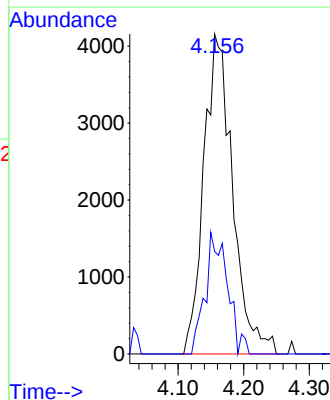
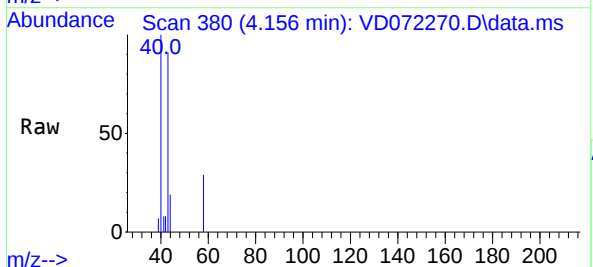
Instrument :
MSVOA_D
ClientSampleId :
G-1-12-24-25

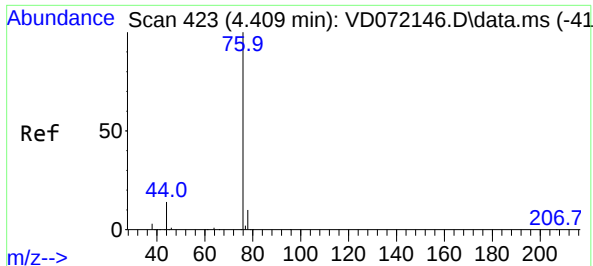
Tgt Ion:168 Resp: 343974
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#16
Acetone
Concen: 15.223 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

Tgt Ion: 43 Resp: 12670
Ion Ratio Lower Upper
43 100
58 32.1 22.1 33.1

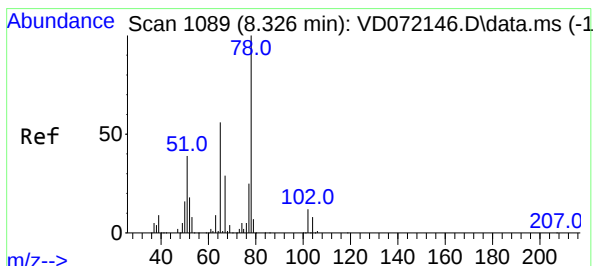
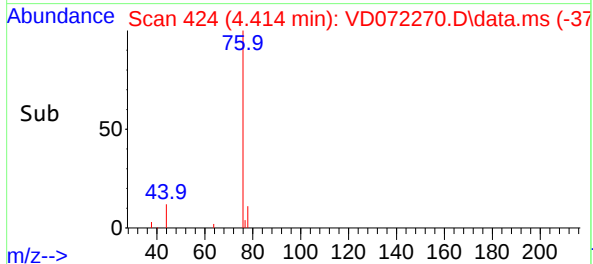
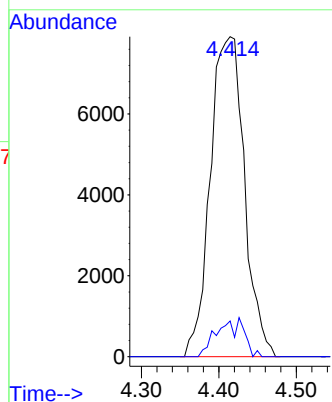
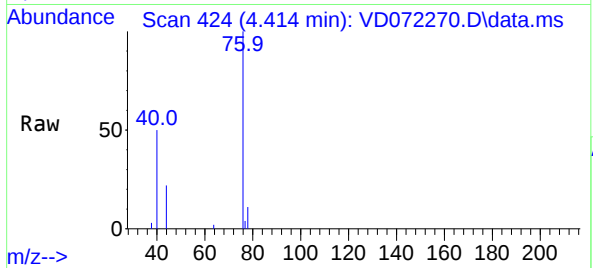




#17
Carbon Disulfide
Concen: 4.685 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

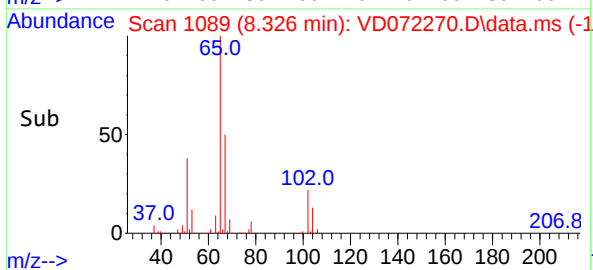
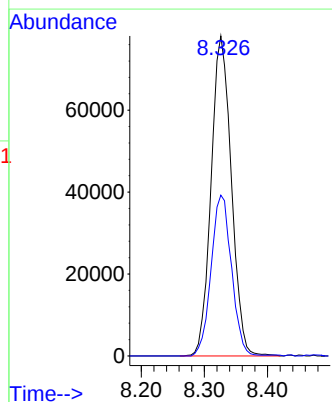
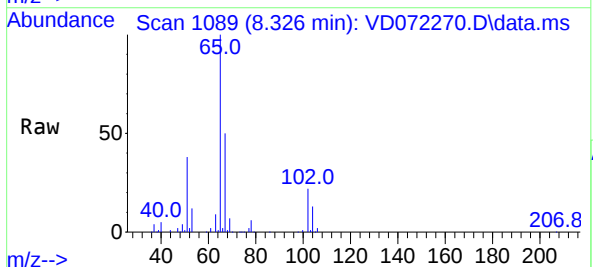
Instrument :
MSVOA_D
ClientSampleId :
G-1-12-24-25

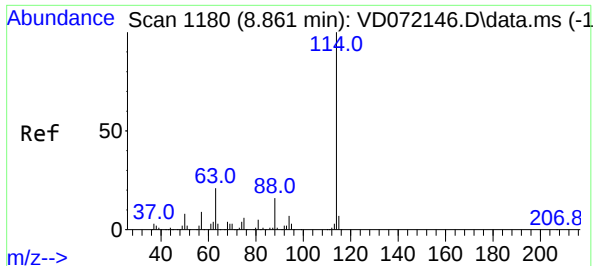
Tgt Ion: 76 Resp: 24206
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 45.329 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

Tgt Ion: 65 Resp: 173764
Ion Ratio Lower Upper
65 100
67 50.5 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: VD072270.D

Acq: 18 Mar 2022 04:50

Instrument :

MSVOA_D

ClientSampleId :

G-1-12-24-25

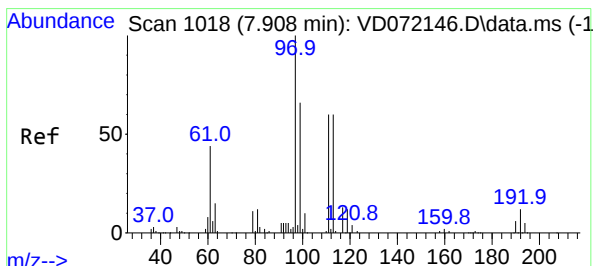
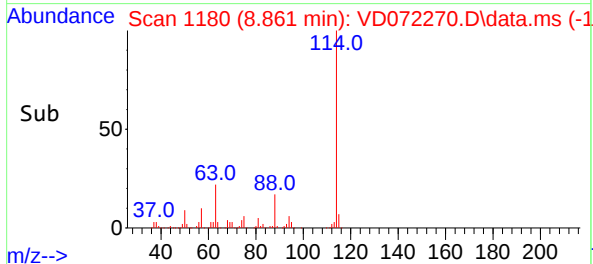
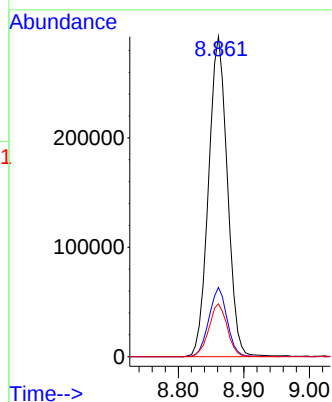
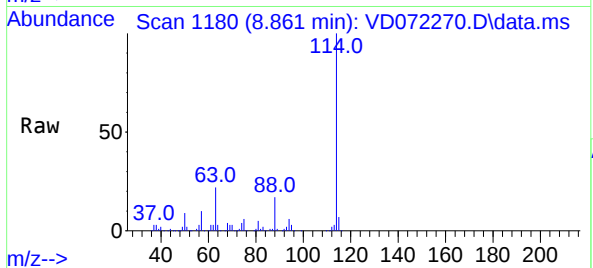
Tgt Ion:114 Resp: 583497

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.334 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072270.D

Acq: 18 Mar 2022 04:50

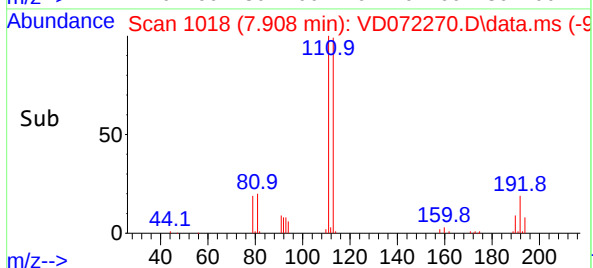
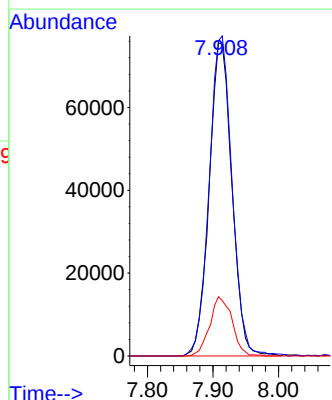
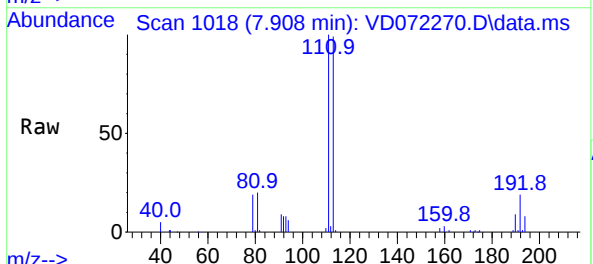
Tgt Ion:113 Resp: 182041

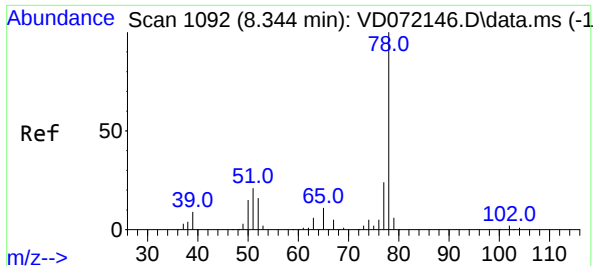
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 18.5 14.6 21.8

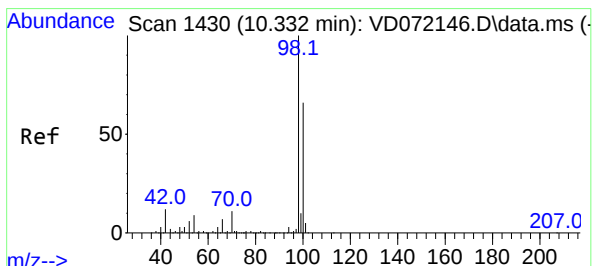
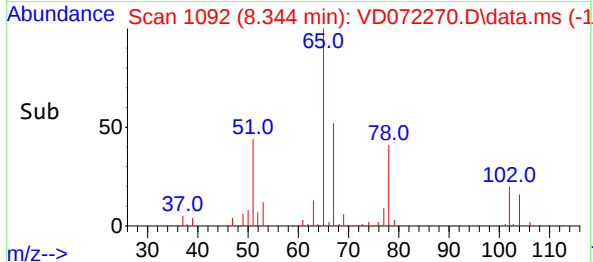
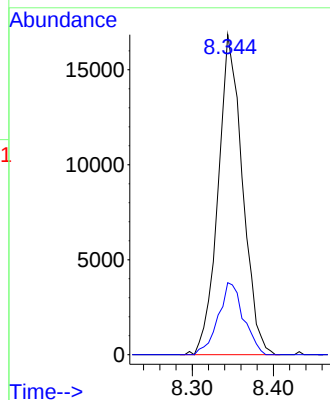
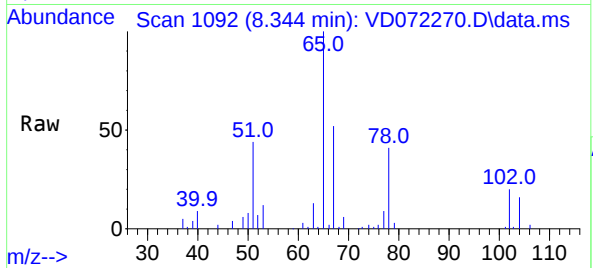




#40
Benzene
Concen: 2.147 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

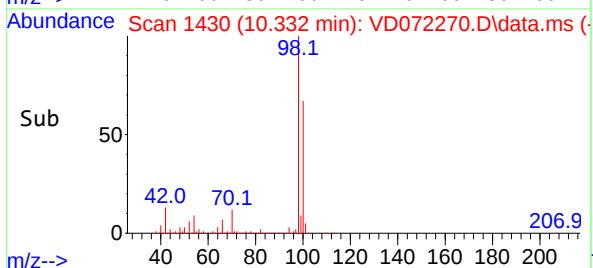
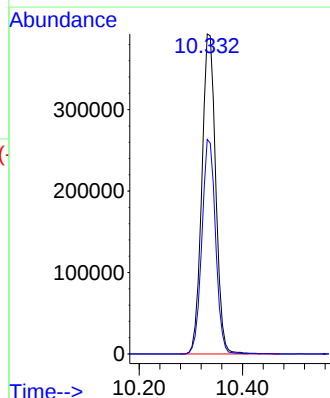
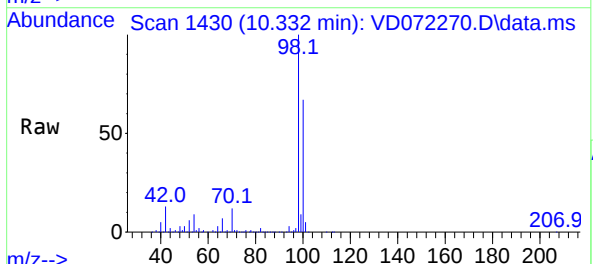
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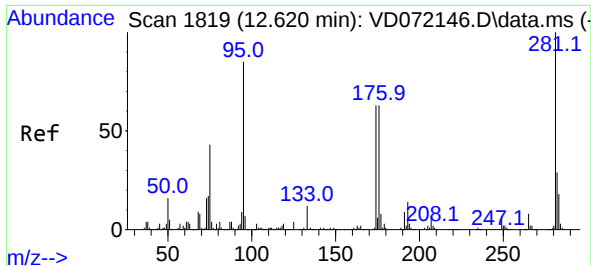
Tgt Ion: 78 Resp: 35277
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7



#50
Toluene-d8
Concen: 48.539 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

Tgt Ion: 98 Resp: 728771
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

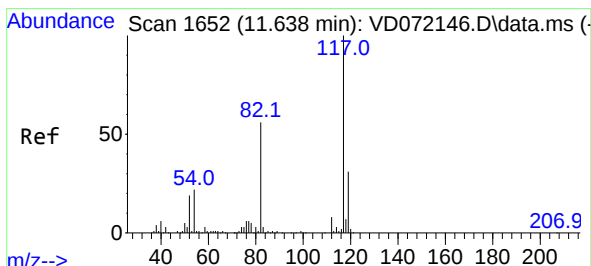
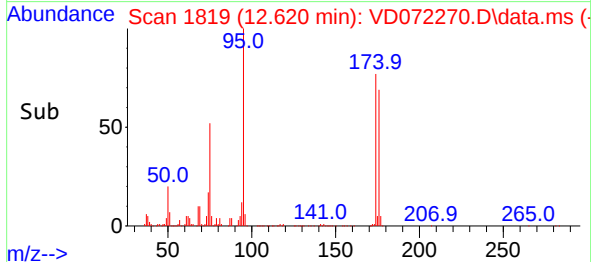
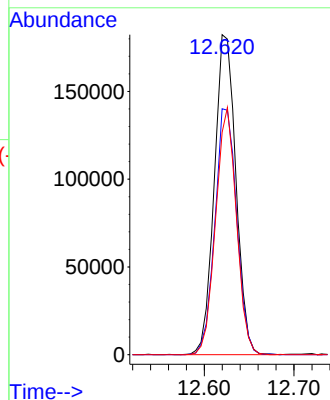
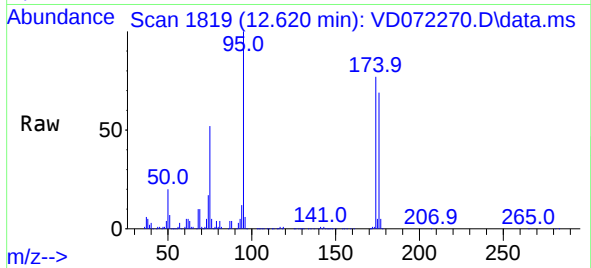




#62
4-Bromofluorobenzene
Concen: 52.164 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

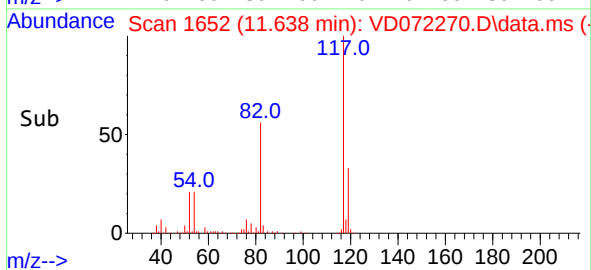
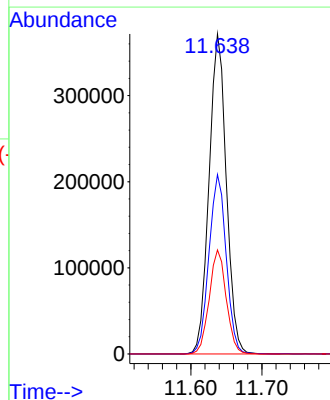
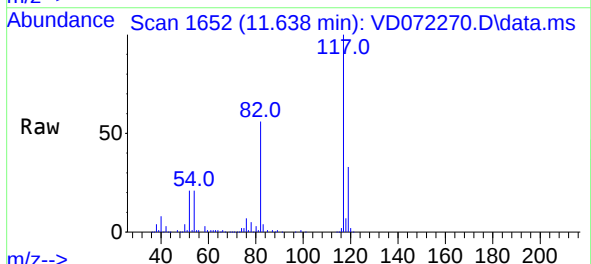
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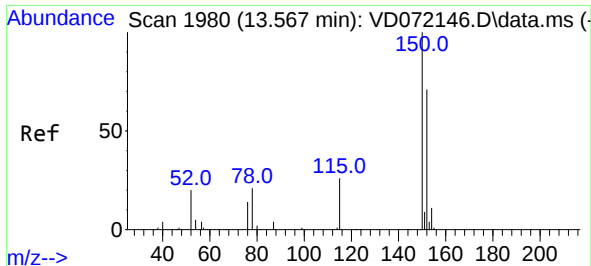
Tgt Ion: 95 Resp: 304312
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

Tgt Ion: 117 Resp: 627592
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.5 26.6 40.0

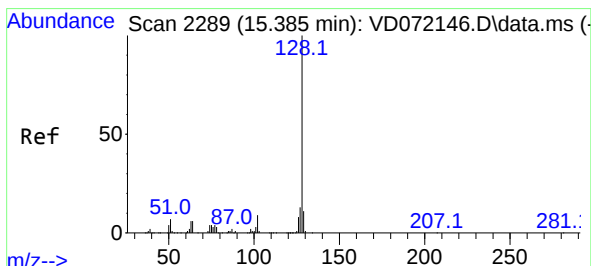
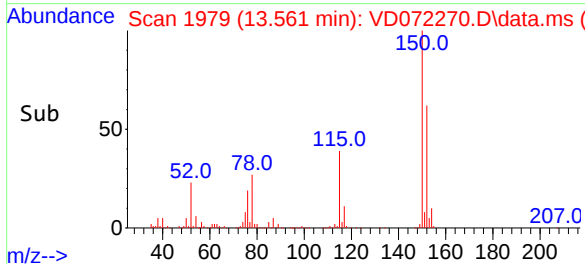
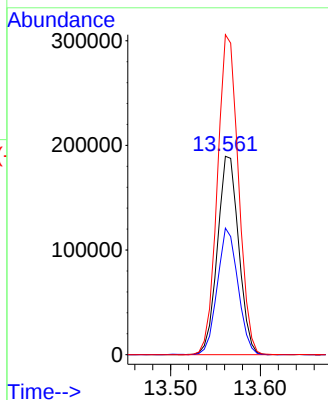
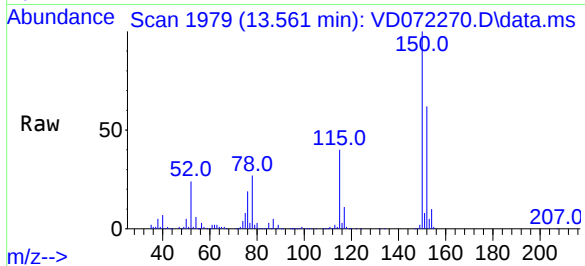




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

Instrument :
MSVOA_D
ClientSampleId :
G-1-12-24-25

Tgt Ion:152 Resp: 312223
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 159.4 0.0 348.6



#95
Naphthalene
Concen: 59.976 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072270.D
Acq: 18 Mar 2022 04:50

Tgt Ion:128 Resp: 696505
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.4 12.6

