

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072273.D
 Acq On : 18 Mar 2022 06:15
 Operator : VA/SY
 Sample : N1966-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-1-4-5-6

Quant Time: Mar 18 08:35:44 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)

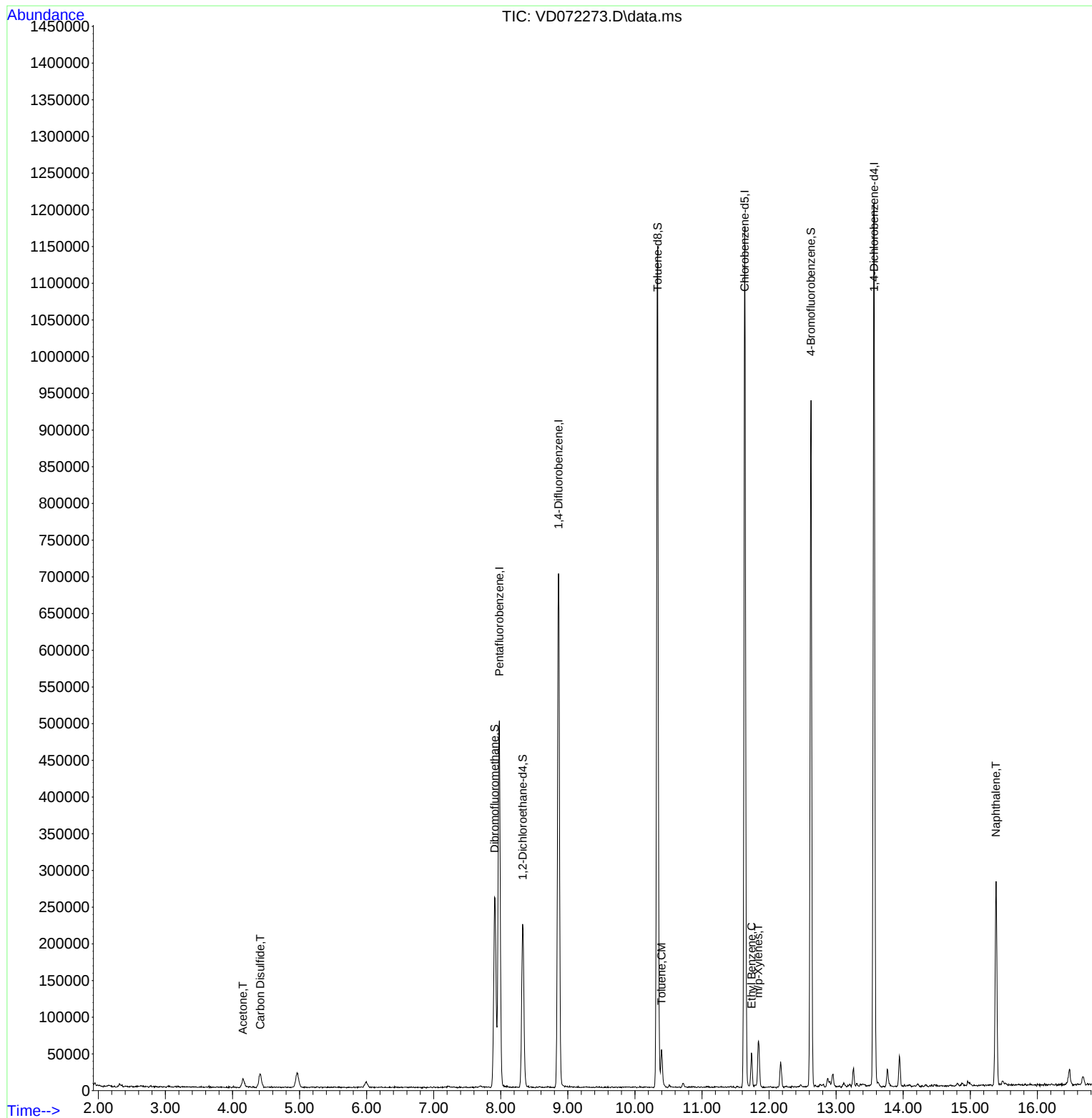
Internal Standards						
1) Pentafluorobenzene	7.979	168	356965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	601722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	644095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	324370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176866	44.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.920%		
35) Dibromofluoromethane	7.908	113	191212	45.157	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.320%		
50) Toluene-d8	10.338	98	750723	48.487	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.980%		
62) 4-Bromofluorobenzene	12.626	95	310647	51.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.280%		
Target Compounds						
16) Acetone	4.156	43	19935	23.080	ug/l	91
17) Carbon Disulfide	4.415	76	40438	6.627	ug/l	100
52) Toluene	10.397	92	18703	1.677	ug/l	98
67) Ethyl Benzene	11.738	91	30586	1.199	ug/l	99
68) m/p-Xylenes	11.838	106	19218	1.984	ug/l	97
95) Naphthalene	15.384	128	243723	20.201	ug/l	99

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

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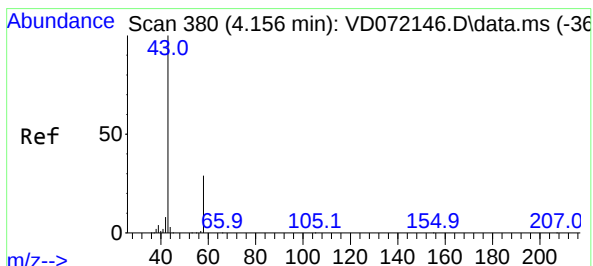
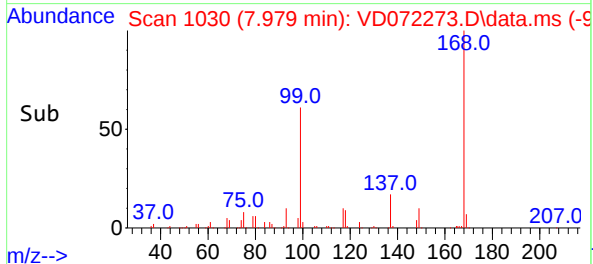
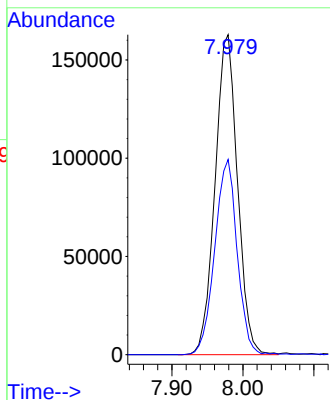
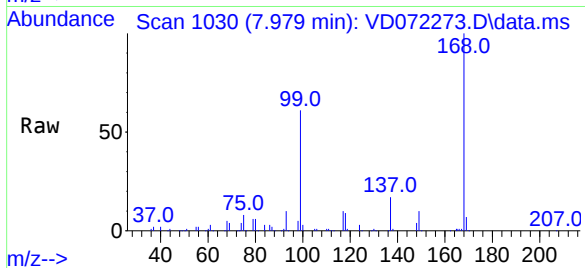




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

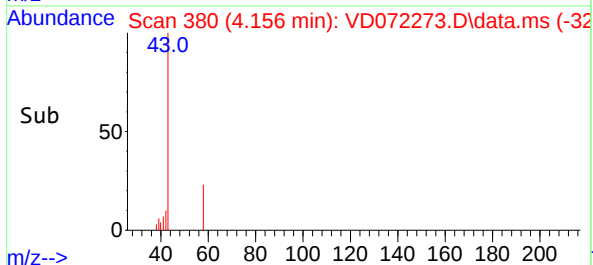
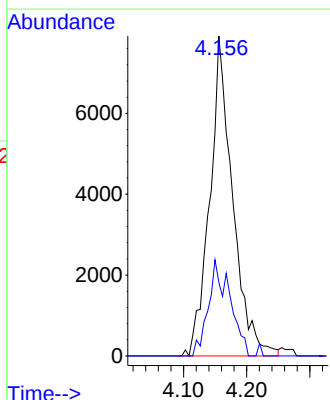
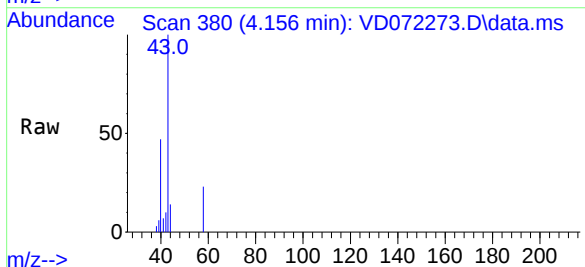
Instrument :
MSVOA_D
ClientSampleId :
G-1-4-5-6

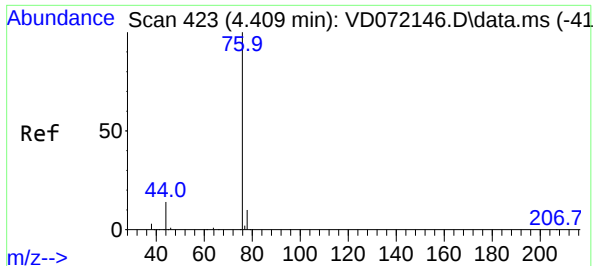
Tgt Ion:168 Resp: 356965
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#16
Acetone
Concen: 23.080 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

Tgt Ion: 43 Resp: 19935
Ion Ratio Lower Upper
43 100
58 23.0 22.1 33.1

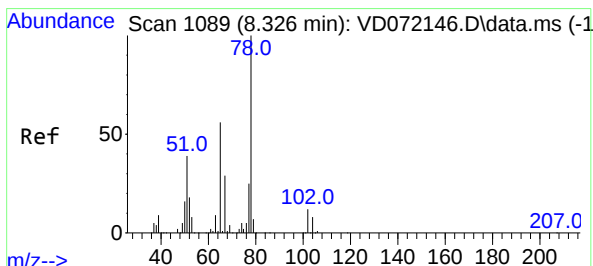
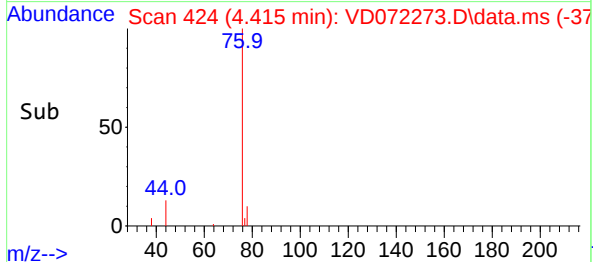
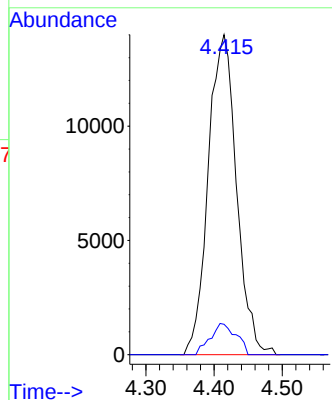
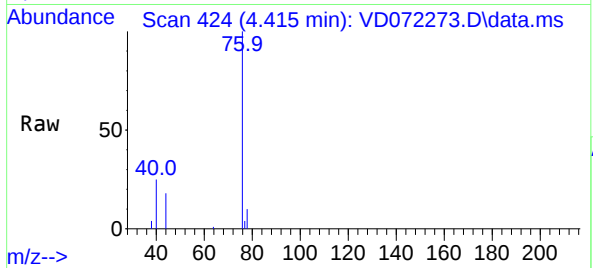




#17
Carbon Disulfide
Concen: 6.627 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

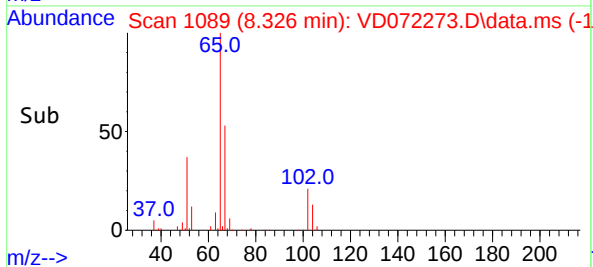
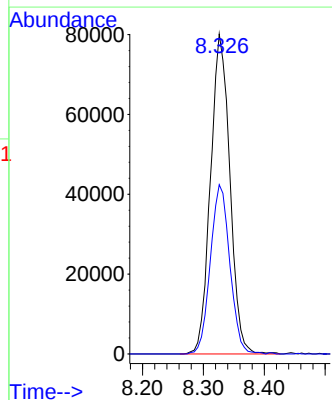
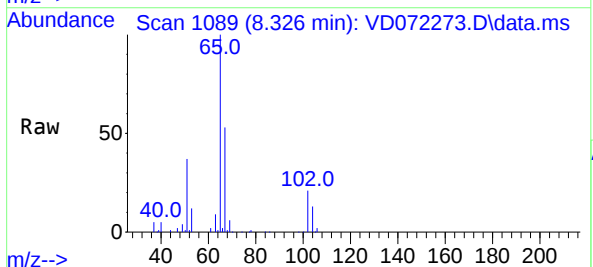
Instrument :
MSVOA_D
ClientSampleId :
G-1-4-5-6

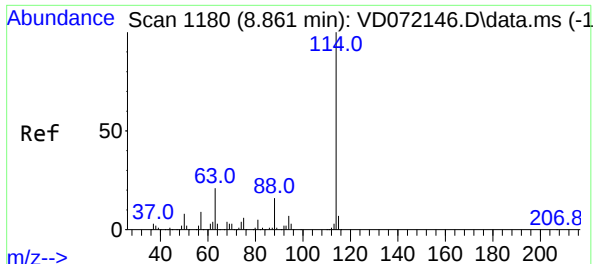
Tgt Ion: 76 Resp: 40438
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 44.459 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

Tgt Ion: 65 Resp: 176866
Ion Ratio Lower Upper
65 100
67 53.2 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: VD072273.D

Acq: 18 Mar 2022 06:15

Instrument :

MSVOA_D

ClientSampleId :

G-1-4-5-6

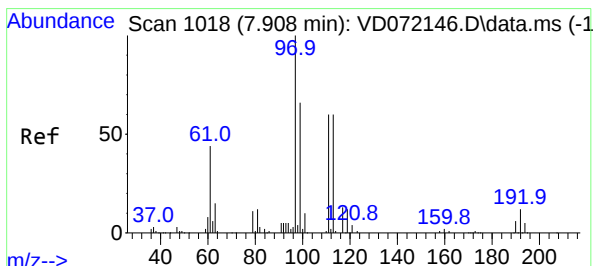
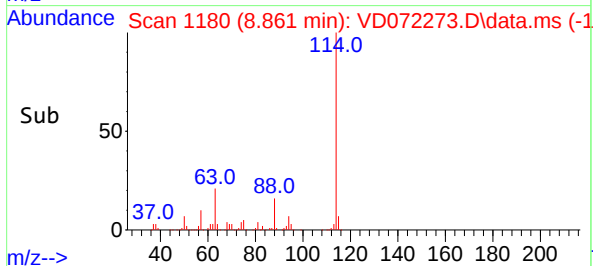
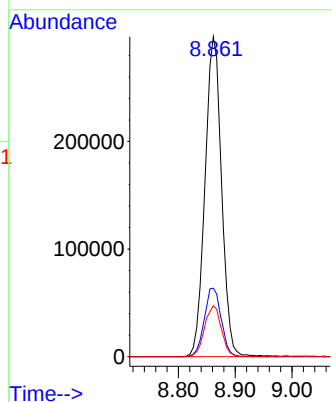
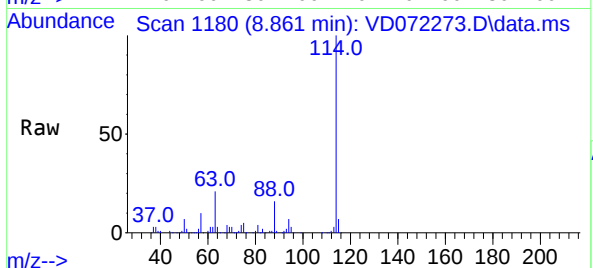
Tgt Ion:114 Resp: 601722

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.157 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072273.D

Acq: 18 Mar 2022 06:15

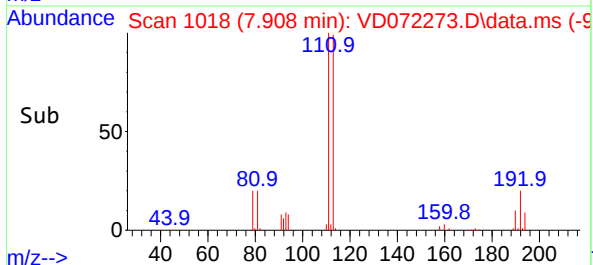
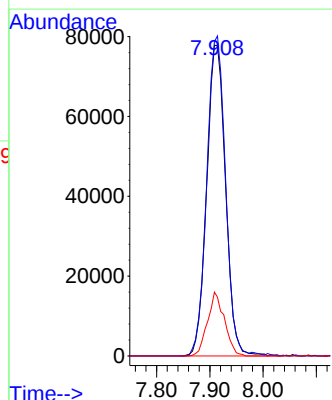
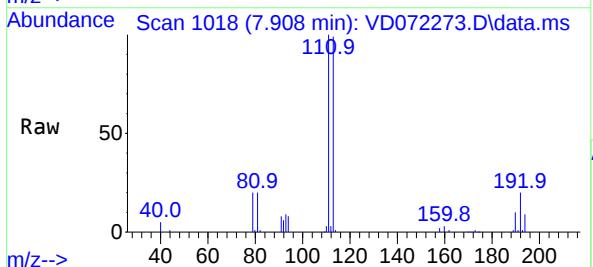
Tgt Ion:113 Resp: 191212

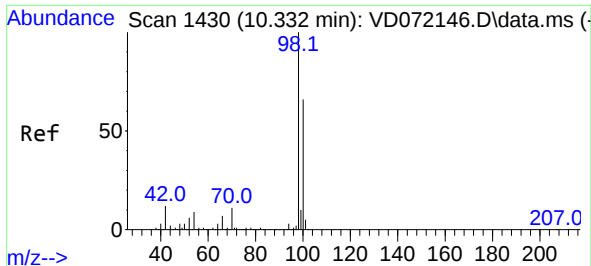
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.5 14.6 21.8

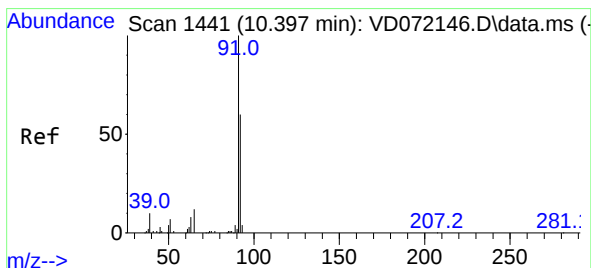
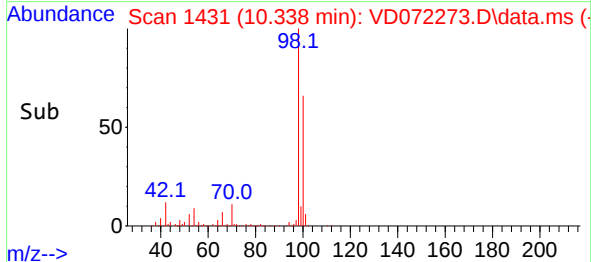
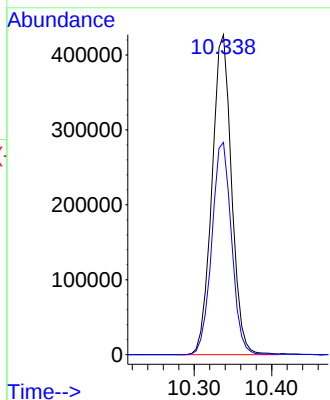
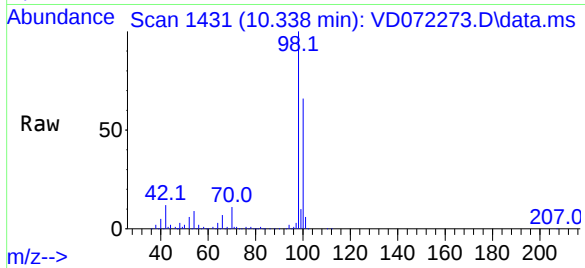




#50
Toluene-d8
Concen: 48.487 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

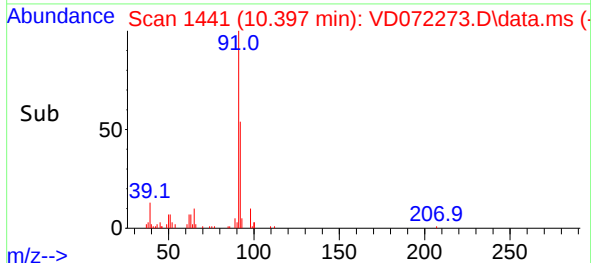
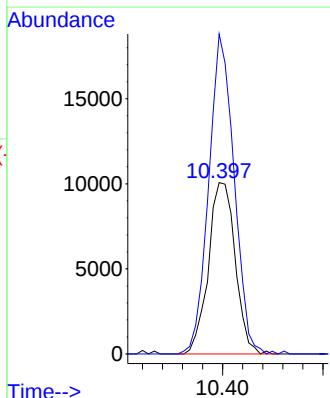
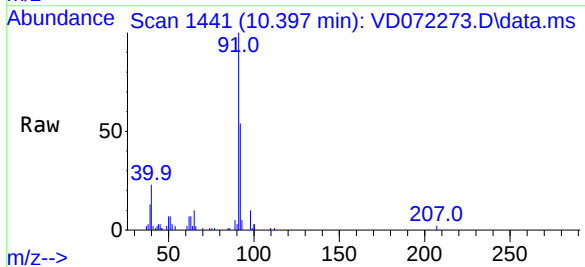
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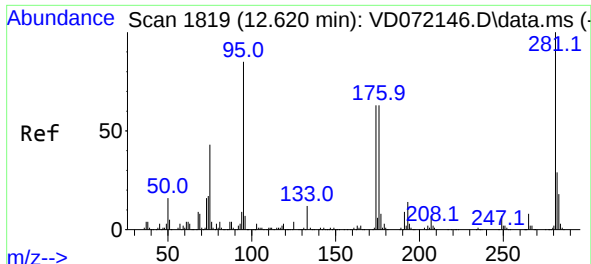
Tgt Ion: 98 Resp: 750723
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#52
Toluene
Concen: 1.677 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

Tgt Ion: 92 Resp: 18703
Ion Ratio Lower Upper
92 100
91 176.8 139.6 209.4

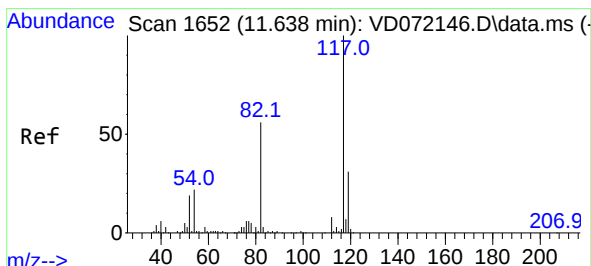
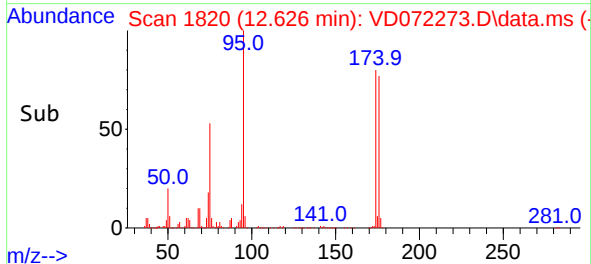
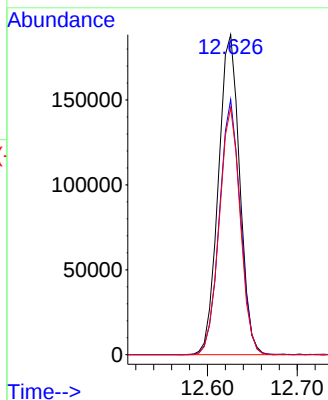
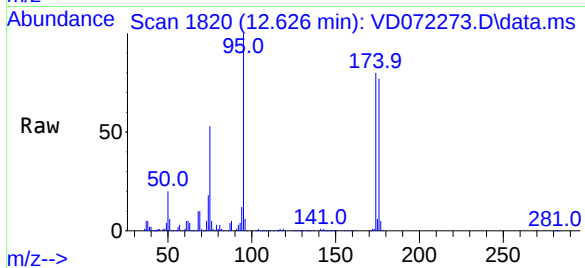




#62
4-Bromofluorobenzene
Concen: 51.637 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

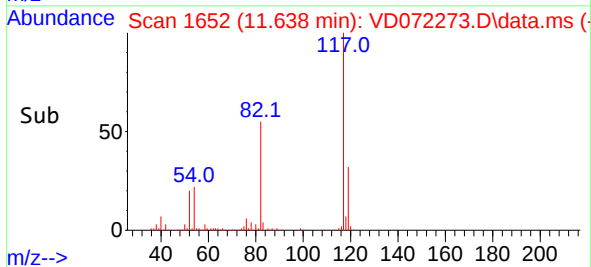
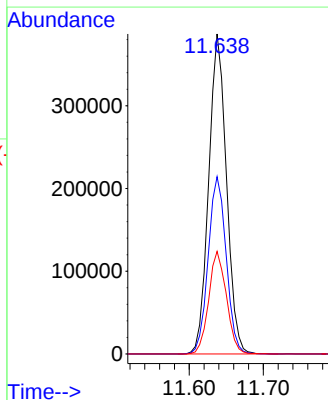
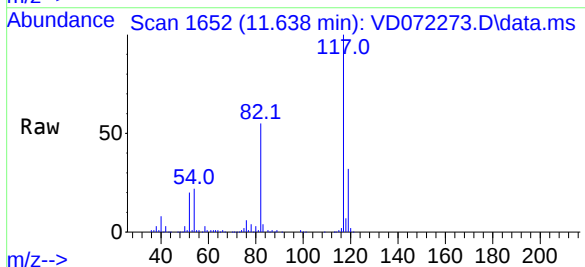
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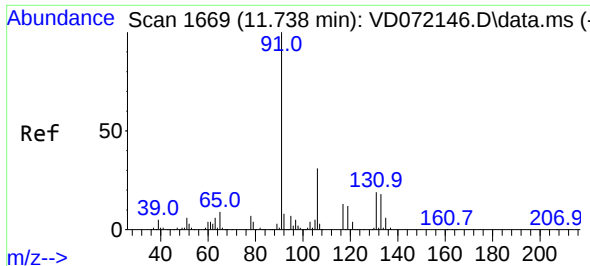
Tgt Ion: 95 Resp: 310647
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 75.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

Tgt Ion: 117 Resp: 644095
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 32.0 26.6 40.0

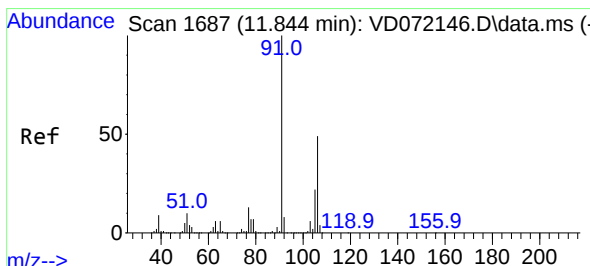
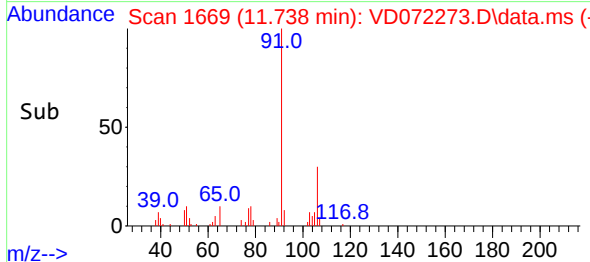
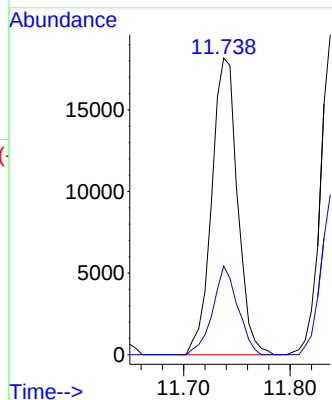
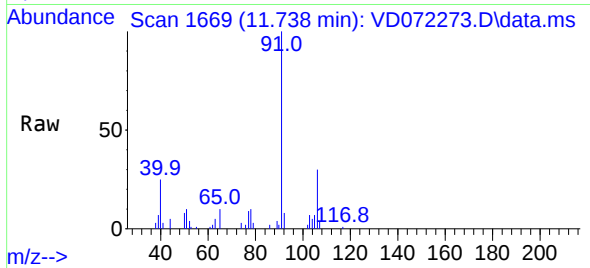




#67
Ethyl Benzene
Concen: 1.199 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

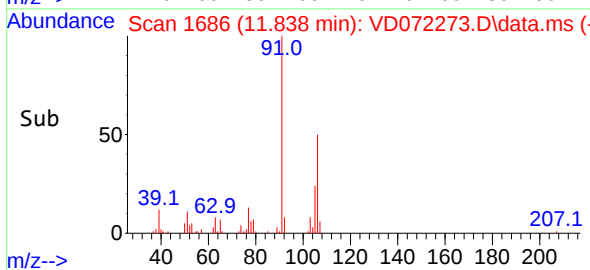
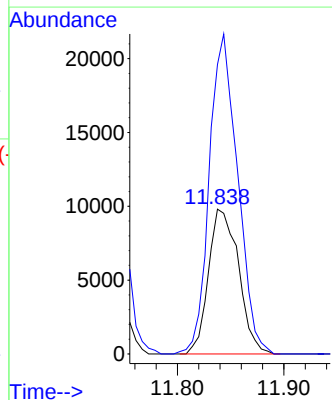
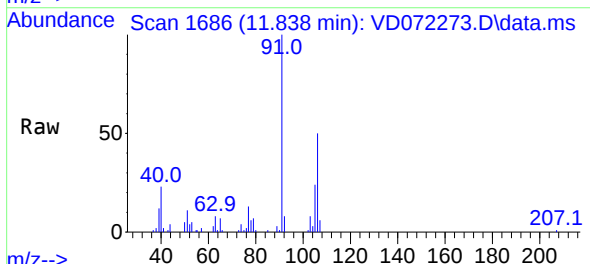
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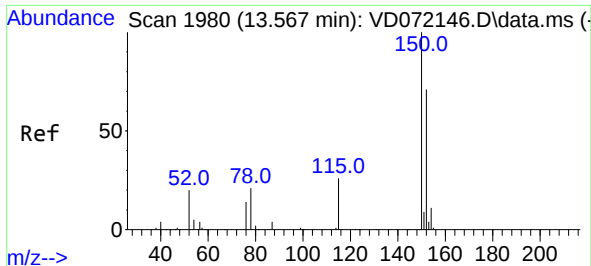
Tgt Ion: 91 Resp: 30586
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4



#68
m/p-Xylenes
Concen: 1.984 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

Tgt Ion: 106 Resp: 19218
Ion Ratio Lower Upper
106 100
91 208.5 163.7 245.5

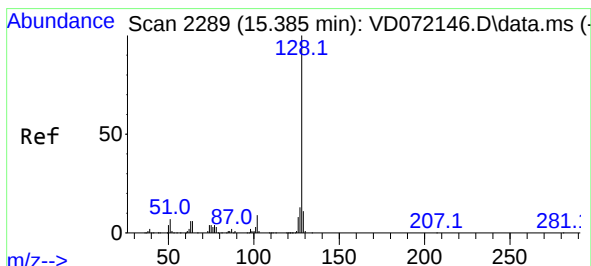
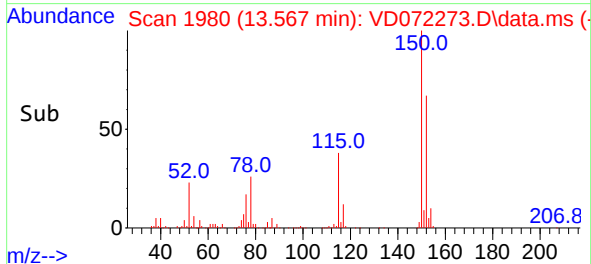
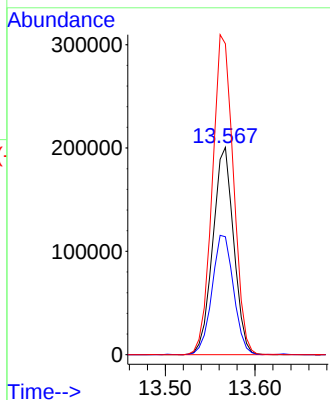
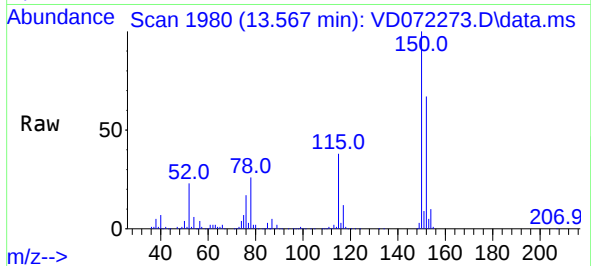




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

Instrument :
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ClientSampleId :
G-1-4-5-6

Tgt Ion:152 Resp: 324370
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 155.9 0.0 348.6



#95
Naphthalene
Concen: 20.201 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072273.D
Acq: 18 Mar 2022 06:15

Tgt Ion:128 Resp: 243723
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.4 12.6

