

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072341.D
 Acq On : 21 Mar 2022 15:39
 Operator : VA/SY
 Sample : N1970-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-3-6-9-10

Quant Time: Mar 22 02:12:16 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)

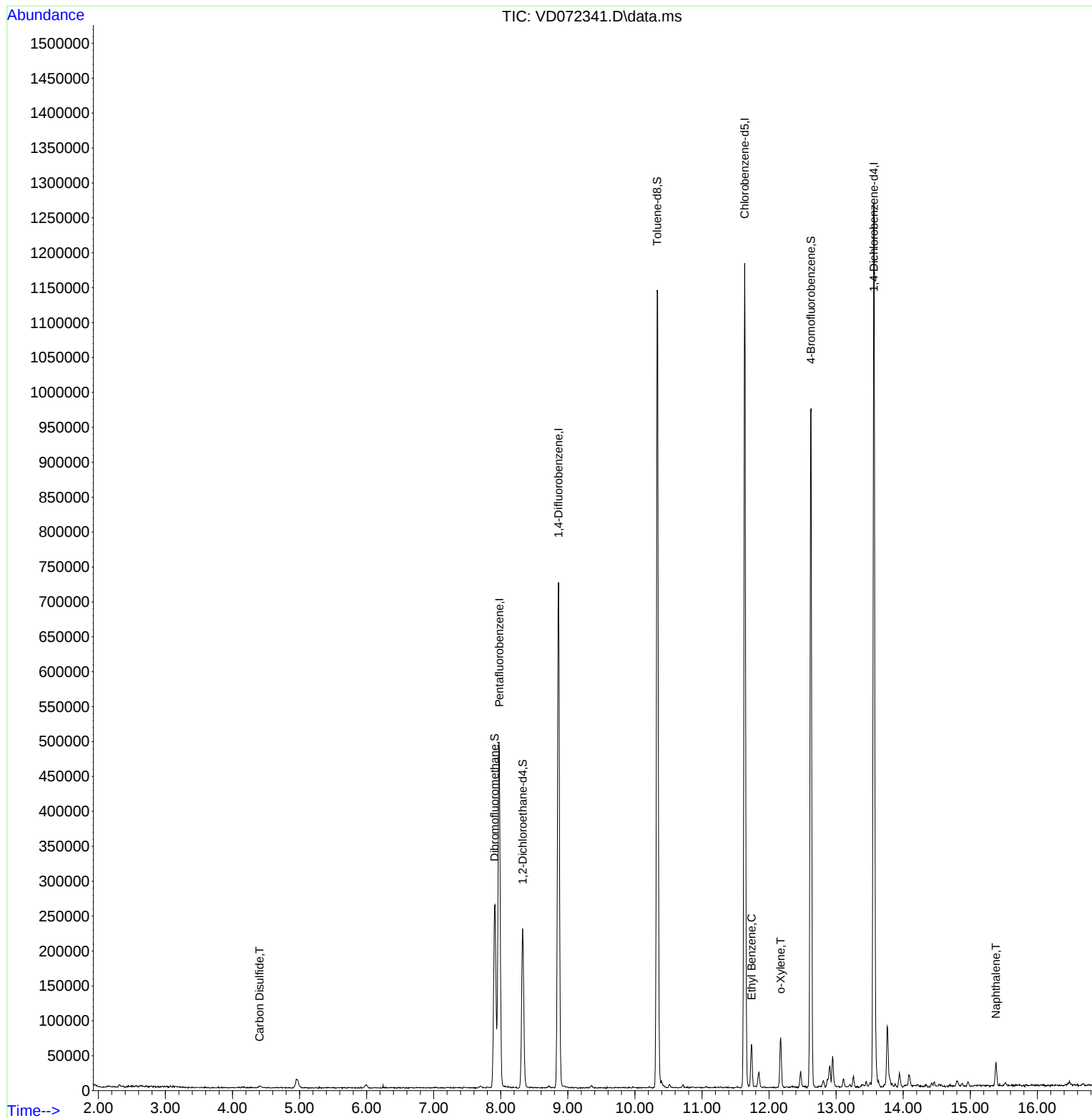
Internal Standards						
1) Pentafluorobenzene	7.979	168	360765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	615017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	672284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181792	45.216	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.440%		
35) Dibromofluoromethane	7.908	113	191612	44.273	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.540%		
50) Toluene-d8	10.332	98	777958	49.160	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.320%		
62) 4-Bromofluorobenzene	12.626	95	330110	53.686	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.380%		
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.403	76	5246	2.159	ug/l #	89
67) Ethyl Benzene	11.738	91	42799	1.608	ug/l	96
69) o-Xylene	12.173	106	19353	2.002	ug/l	93
95) Naphthalene	15.384	128	26592	2.136	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
Data File : VD072341.D
Acq On : 21 Mar 2022 15:39
Operator : VA/SY
Sample : N1970-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

Quant Time: Mar 22 02:12:16 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

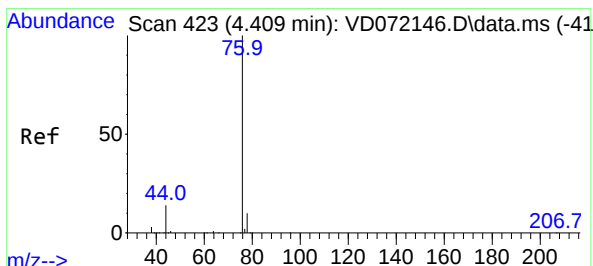
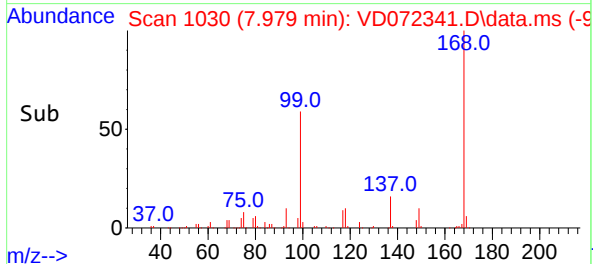
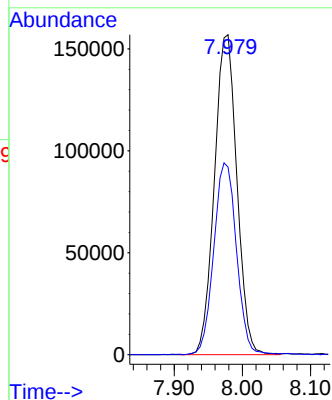
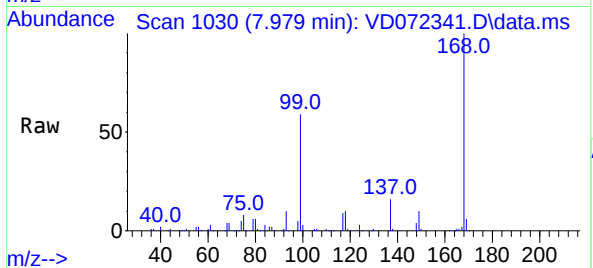




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

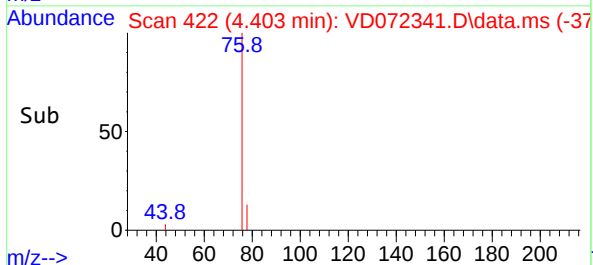
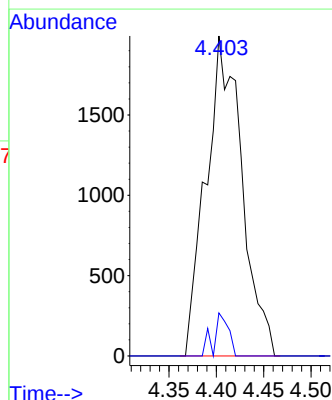
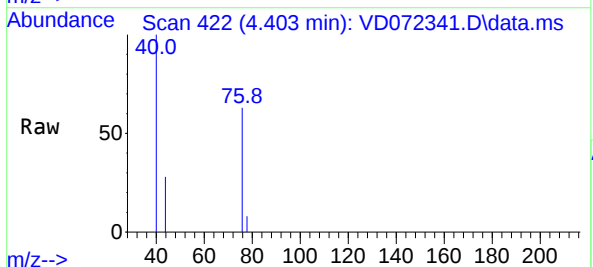
Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

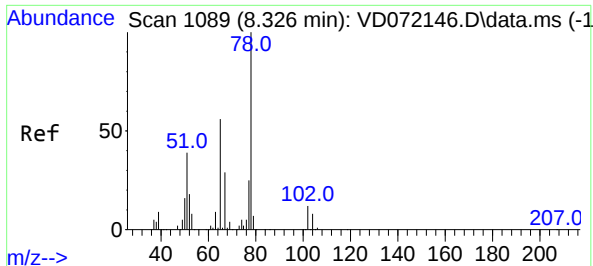
Tgt Ion:168 Resp: 360765
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#17
Carbon Disulfide
Concen: 2.159 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

Tgt Ion: 76 Resp: 5246
Ion Ratio Lower Upper
76 100
78 13.5 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 45.216 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072341.D

Acq: 21 Mar 2022 15:39

Instrument :

MSVOA_D

ClientSampleId :

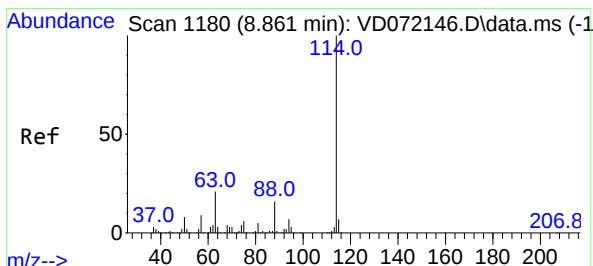
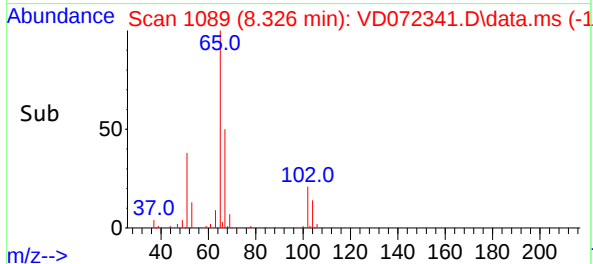
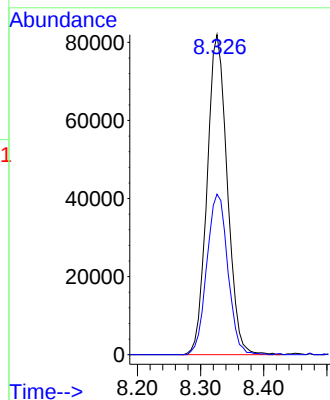
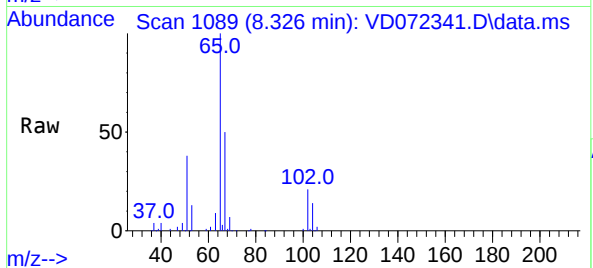
G-3-6-9-10

Tgt Ion: 65 Resp: 181792

Ion Ratio Lower Upper

65 100

67 52.2 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: VD072341.D

Acq: 21 Mar 2022 15:39

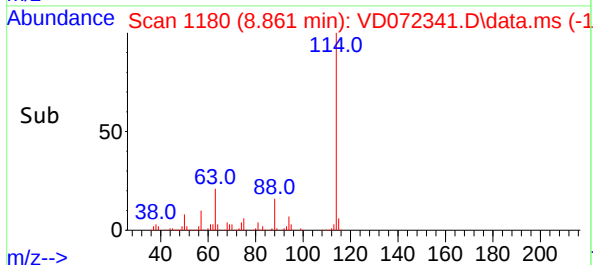
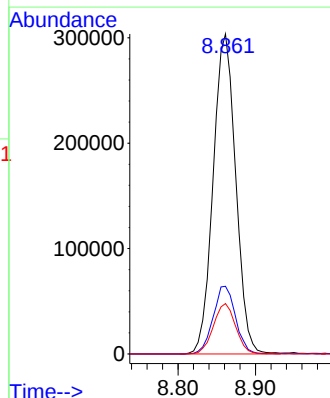
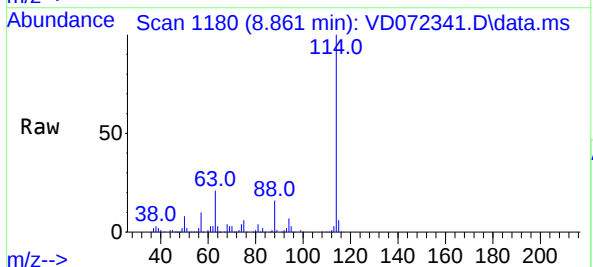
Tgt Ion: 114 Resp: 615017

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.8 0.0 33.2

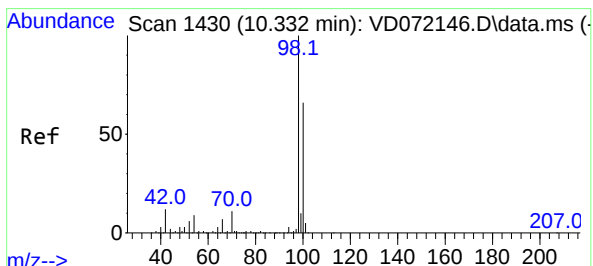
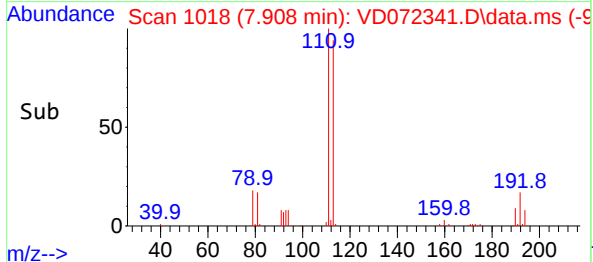
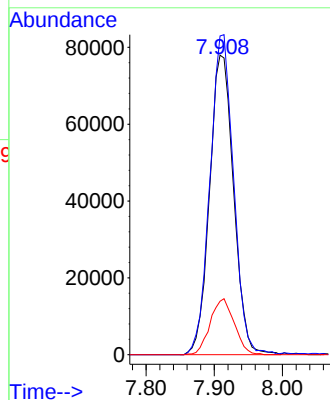
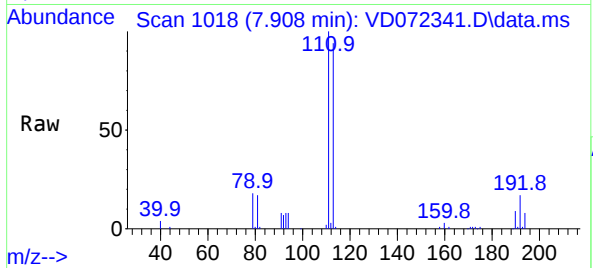




#35
Dibromofluoromethane
Concen: 44.273 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

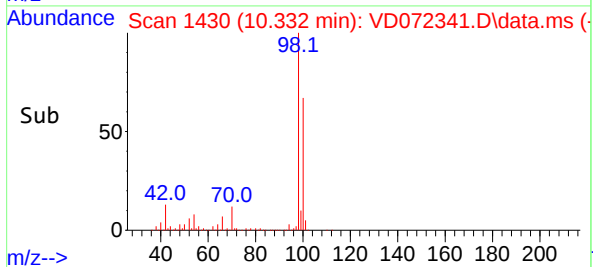
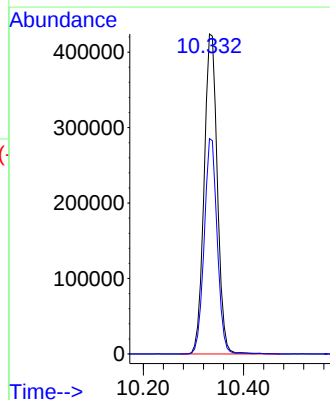
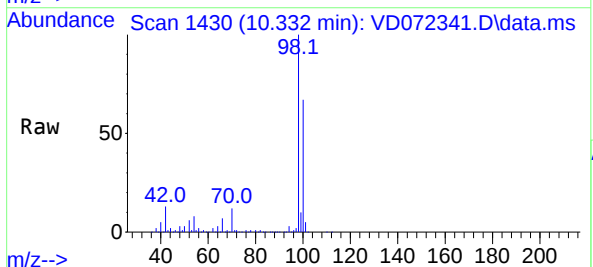
Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

Tgt Ion:113 Resp: 191612
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.6
192 18.7 14.6 21.8



#50
Toluene-d8
Concen: 49.160 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

Tgt Ion: 98 Resp: 777958
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

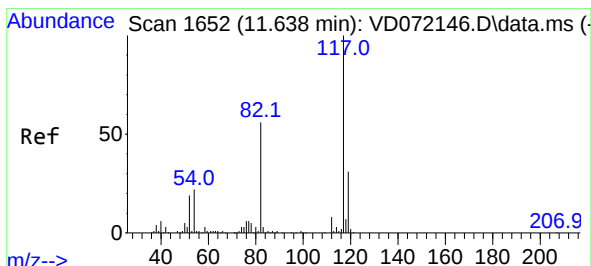
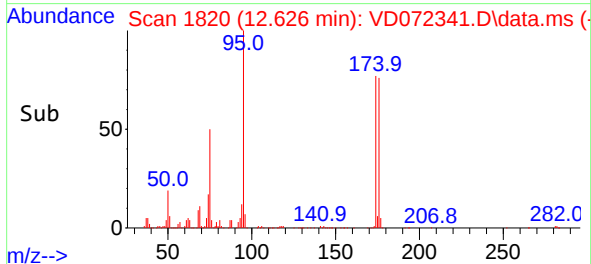
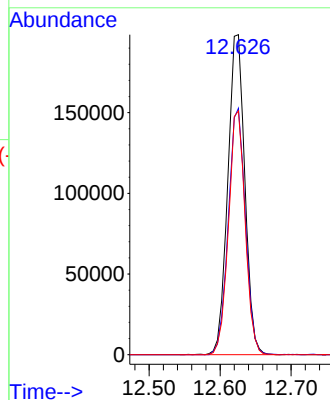
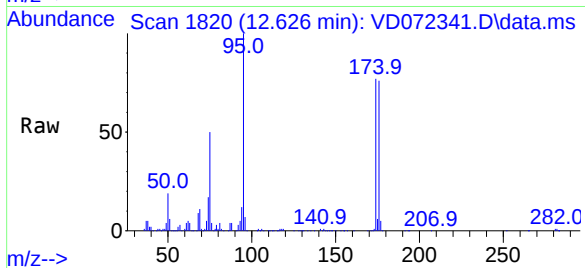




#62
4-Bromofluorobenzene
Concen: 53.686 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

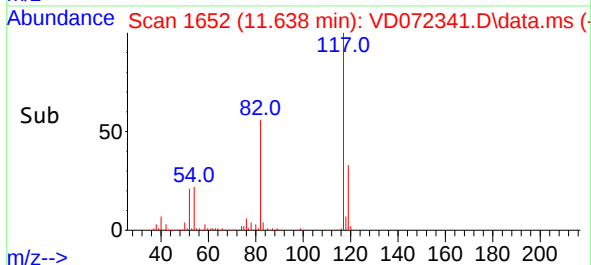
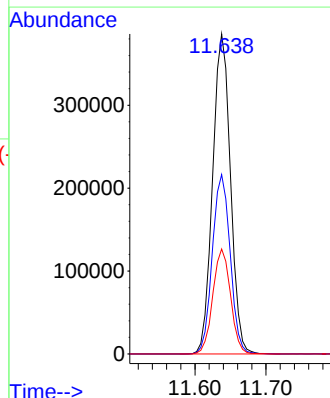
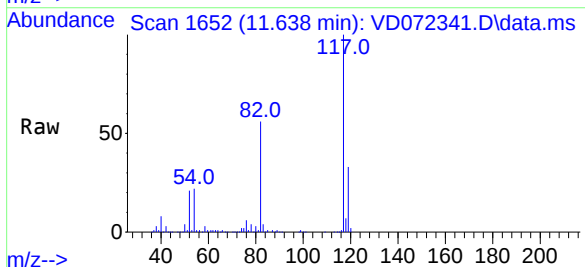
Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

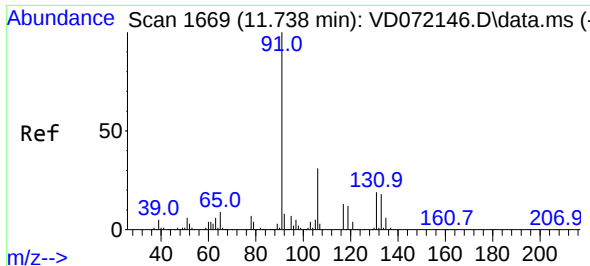
Tgt Ion: 95 Resp: 330110
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 74.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

Tgt Ion: 117 Resp: 672284
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.8 26.6 40.0

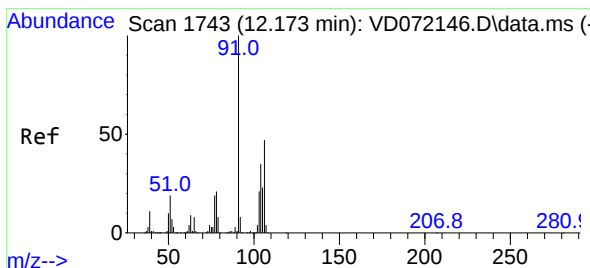
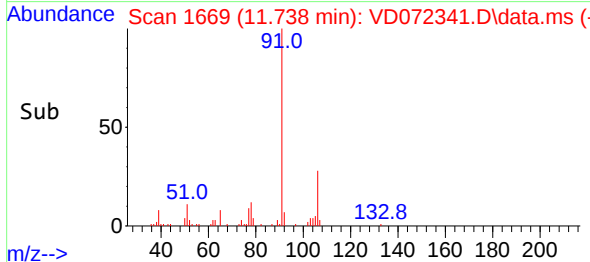
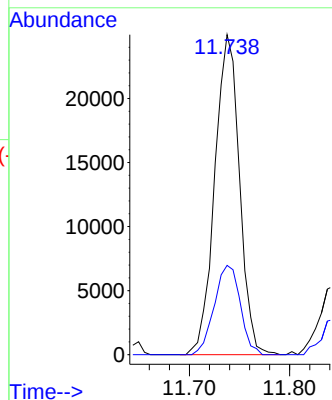
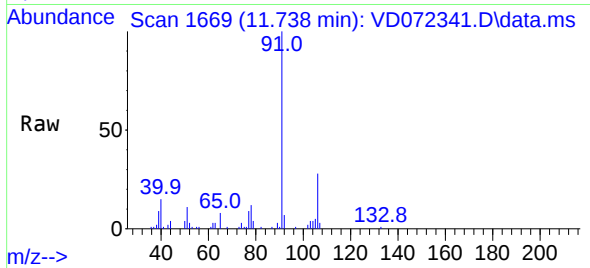




#67
Ethyl Benzene
Concen: 1.608 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

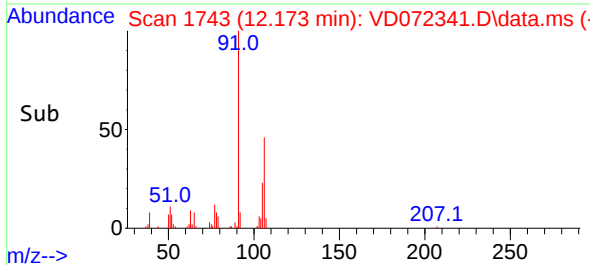
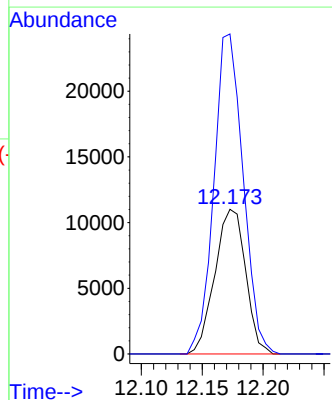
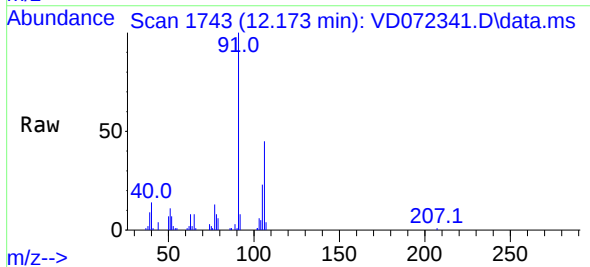
Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

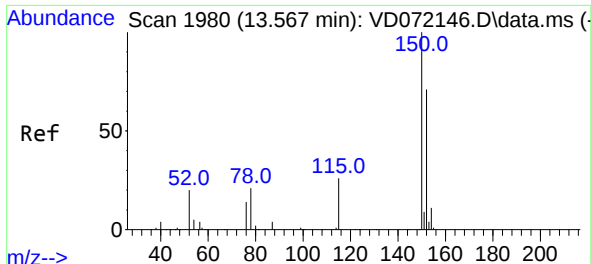
Tgt Ion: 91 Resp: 42799
Ion Ratio Lower Upper
91 100
106 27.9 24.2 36.4



#69
o-Xylene
Concen: 2.002 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

Tgt Ion: 106 Resp: 19353
Ion Ratio Lower Upper
106 100
91 209.9 110.4 331.2

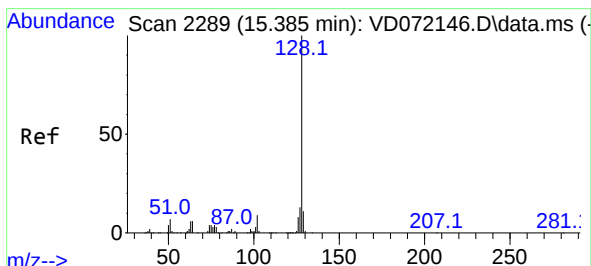
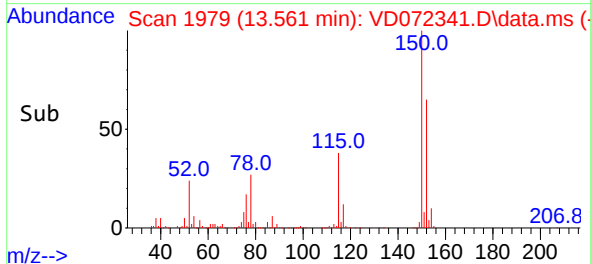
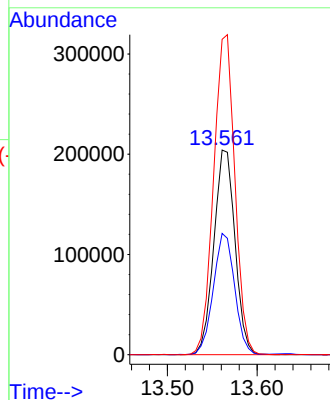
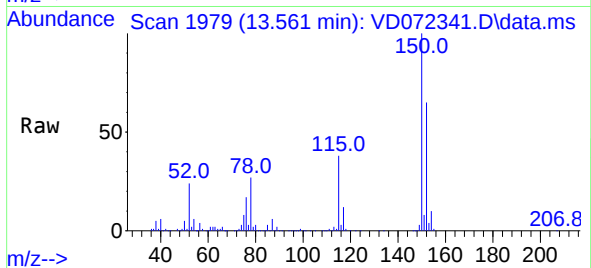




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

Tgt Ion:152 Resp: 334658
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 157.1 0.0 348.6



#95
Naphthalene
Concen: 2.136 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072341.D
Acq: 21 Mar 2022 15:39

Tgt Ion:128 Resp: 26592
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.2 8.4 12.6

