

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072332.D
 Acq On : 21 Mar 2022 11:23
 Operator : VA/SY
 Sample : N1981-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-031622

Quant Time: Mar 22 02:10:16 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)

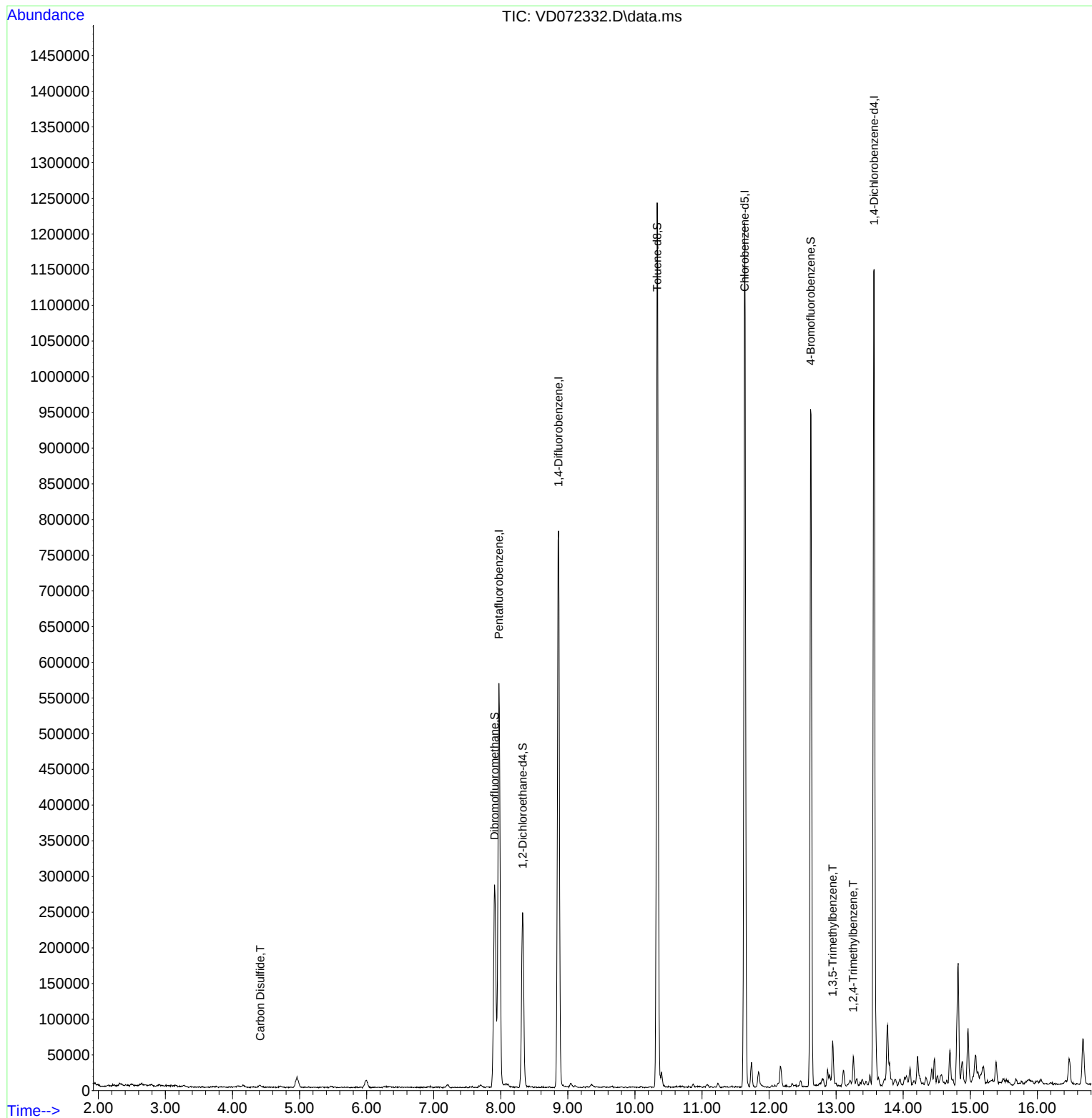
Internal Standards						
1) Pentafluorobenzene	7.973	168	406481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	675840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	305870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	199613	44.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.120%
35) Dibromofluoromethane	7.908	113	210063	44.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.340%
50) Toluene-d8	10.332	98	820511	47.183	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.620	95	325049	48.105	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.220%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.414	76	5966	2.165	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	26703	1.282	ug/l	91
84) 1,2,4-Trimethylbenzene	13.255	105	21674	1.056	ug/l	97

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

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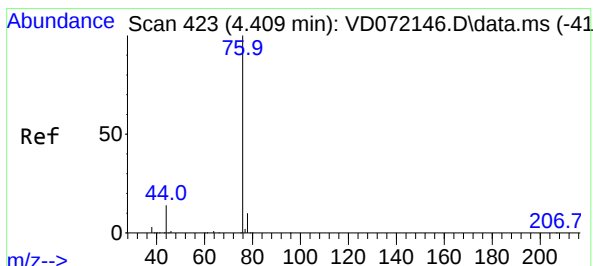
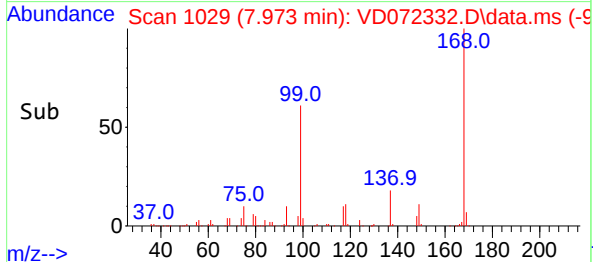
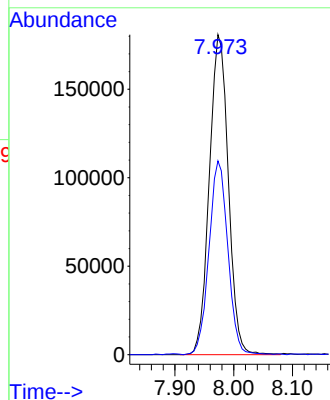
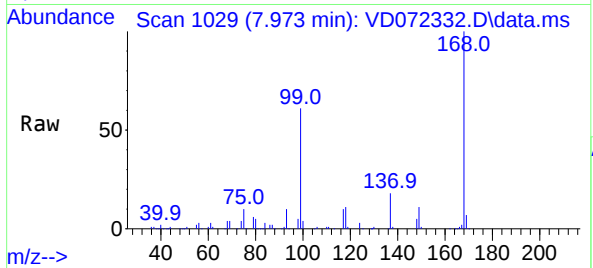




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

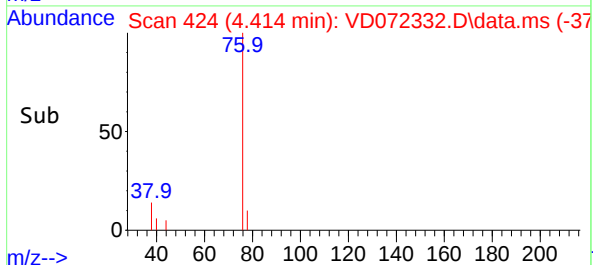
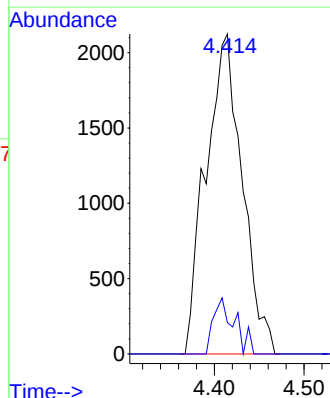
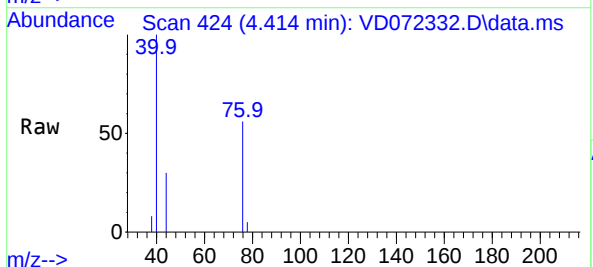
Instrument :
MSVOA_D
ClientSampleId :
OR-3-031622

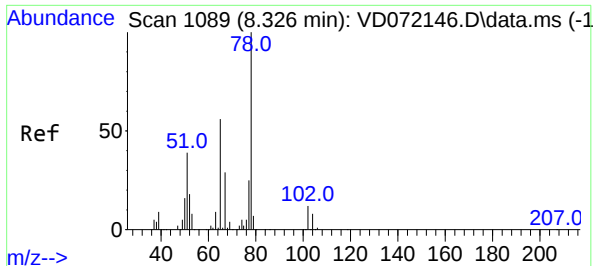
Tgt Ion:168 Resp: 406481
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#17
Carbon Disulfide
Concen: 2.165 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

Tgt Ion: 76 Resp: 5966
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

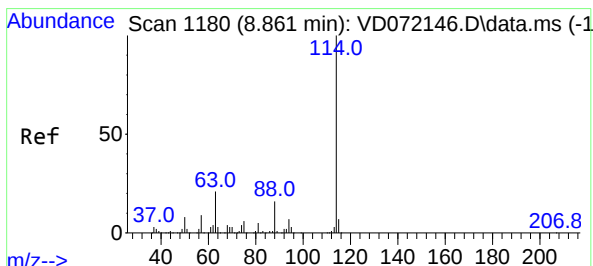
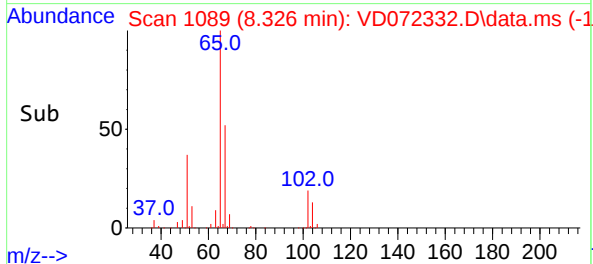
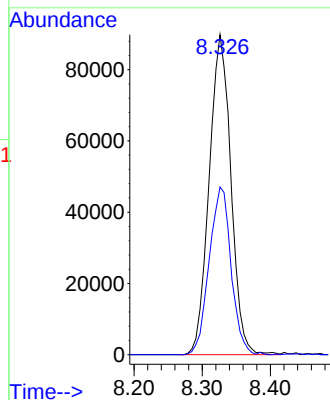
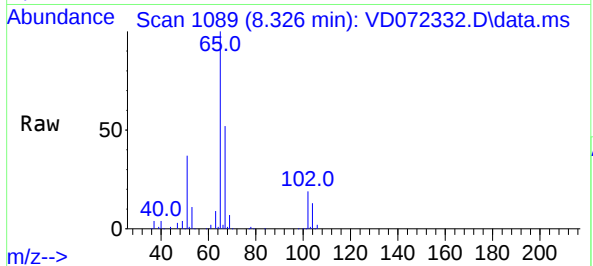




#33
1,2-Dichloroethane-d4
Concen: 44.065 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

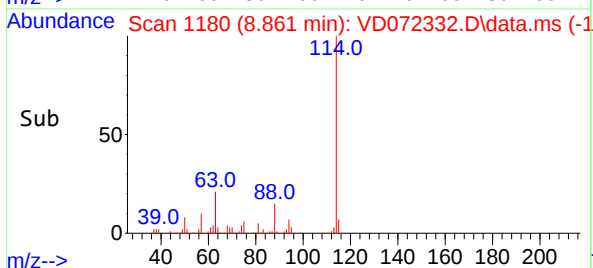
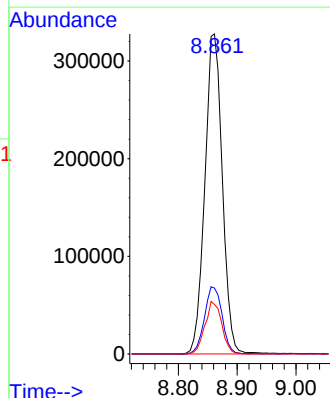
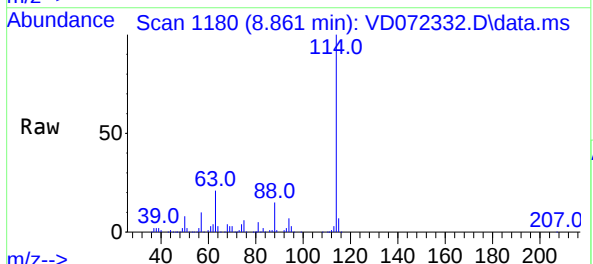
Instrument :
MSVOA_D
ClientSampleId :
OR-3-031622

Tgt Ion: 65 Resp: 199613
Ion Ratio Lower Upper
65 100
67 52.7 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: VD072332.D
Acq: 21 Mar 2022 11:23

Tgt Ion: 114 Resp: 675840
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 15.5 0.0 33.2

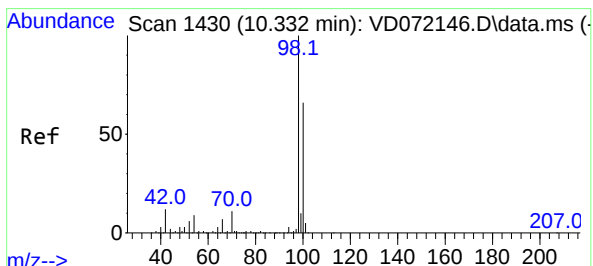
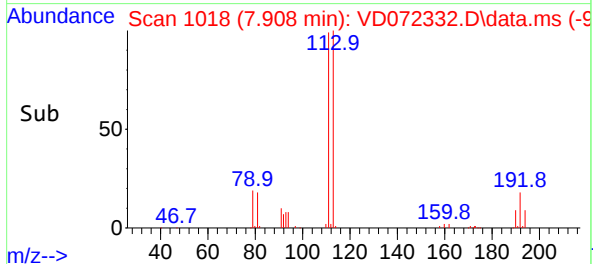
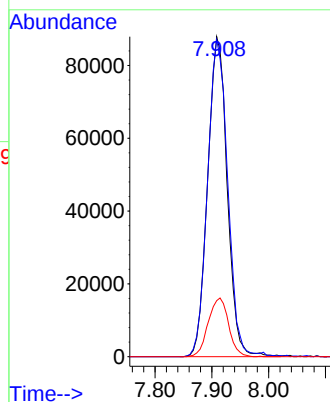
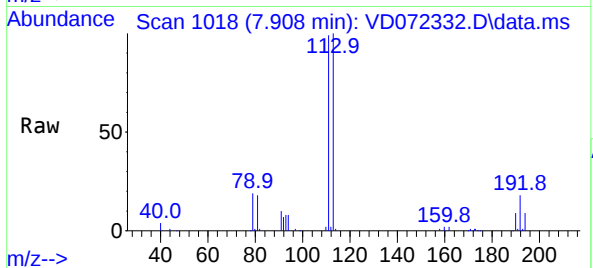




#35
Dibromofluoromethane
Concen: 44.169 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

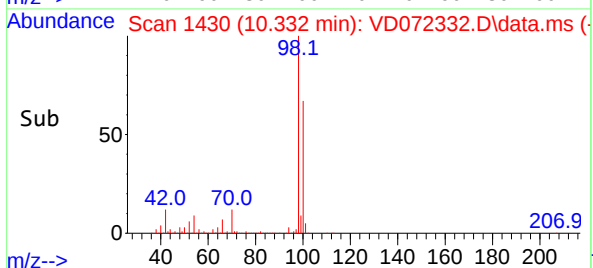
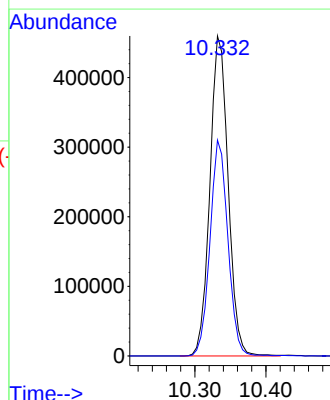
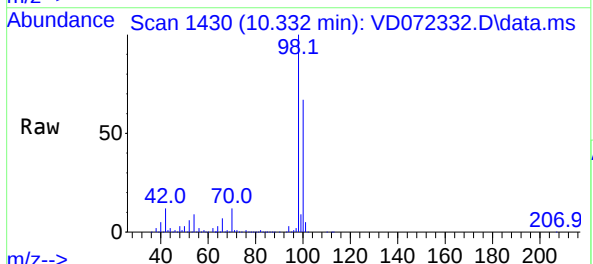
Instrument :
MSVOA_D
ClientSampleId :
OR-3-031622

Tgt Ion:113 Resp: 210063
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 19.0 14.6 21.8



#50
Toluene-d8
Concen: 47.183 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

Tgt Ion: 98 Resp: 820511
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

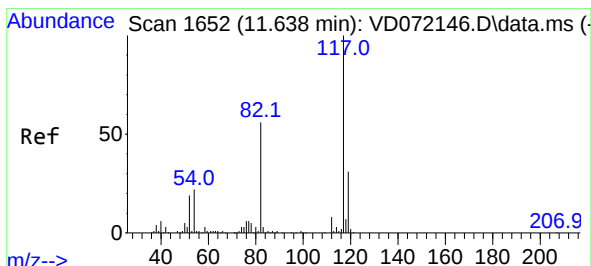
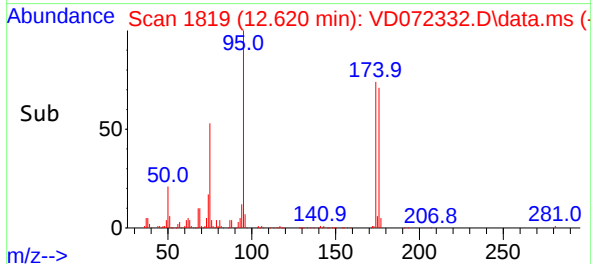
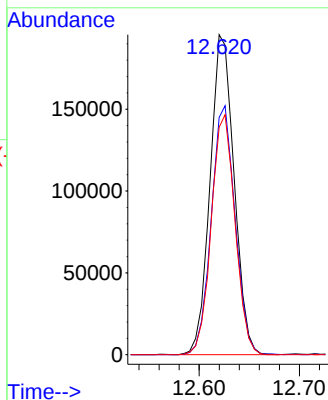
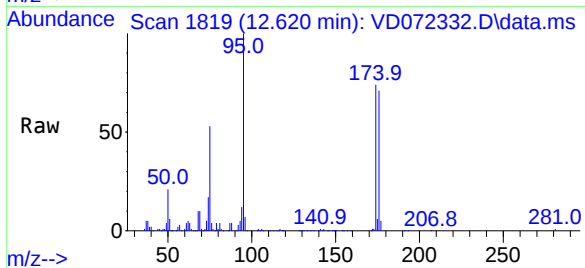




#62
4-Bromofluorobenzene
Concen: 48.105 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

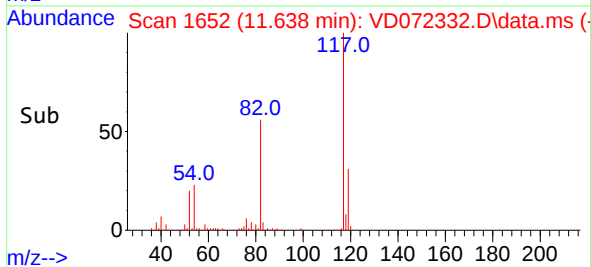
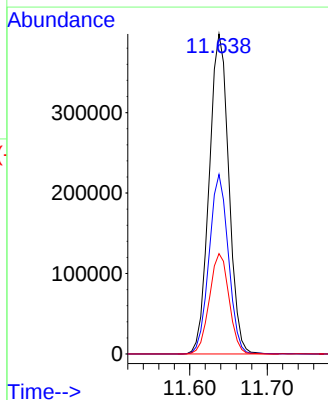
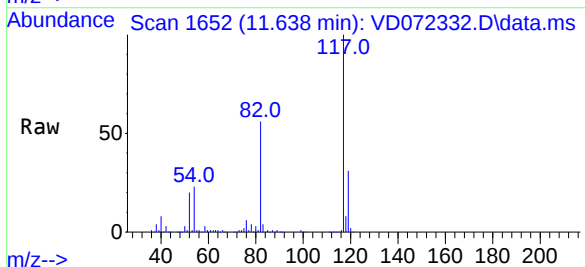
Instrument :
MSVOA_D
ClientSampleId :
OR-3-031622

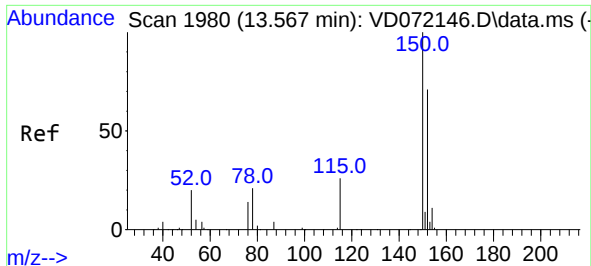
Tgt Ion: 95 Resp: 325049
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

Tgt Ion: 117 Resp: 698498
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 31.3 26.6 40.0

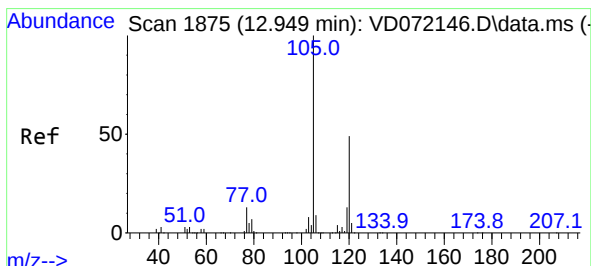
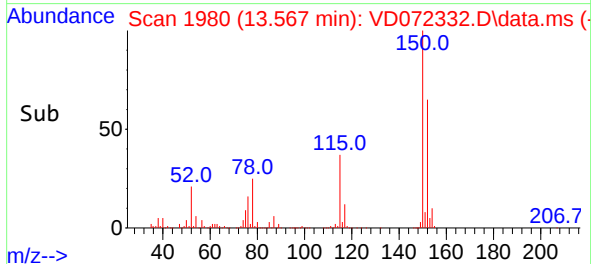
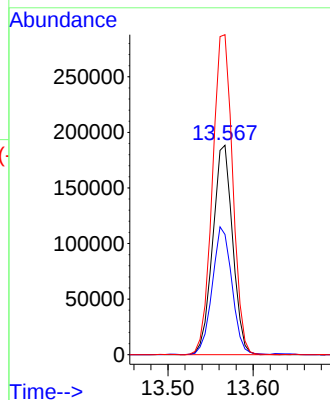
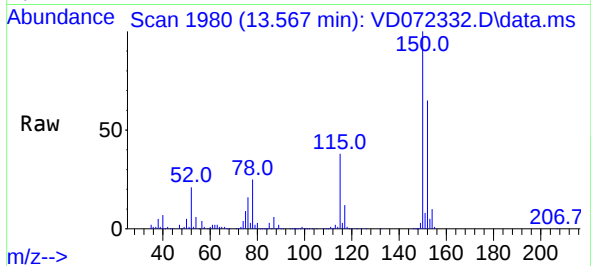




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

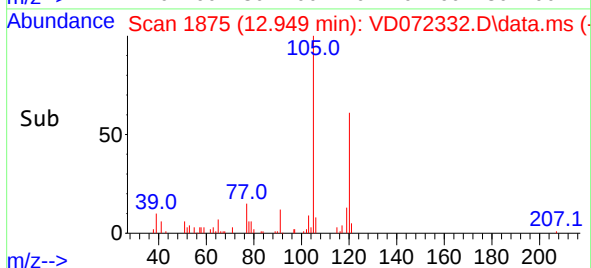
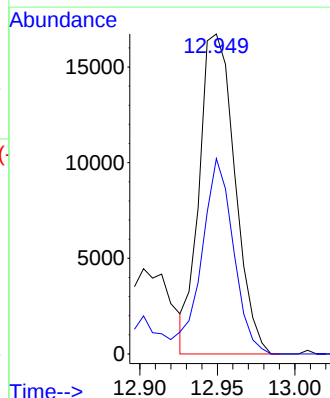
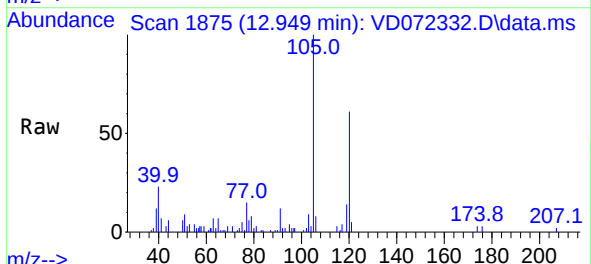
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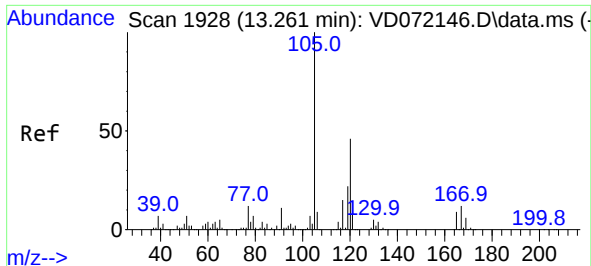
Tgt Ion:152 Resp: 305870
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 155.2 0.0 348.6



#80
1,3,5-Trimethylbenzene
Concen: 1.282 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072332.D
Acq: 21 Mar 2022 11:23

Tgt Ion:105 Resp: 26703
Ion Ratio Lower Upper
105 100
120 54.3 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 1.056 ug/l

RT: 13.255 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072332.D

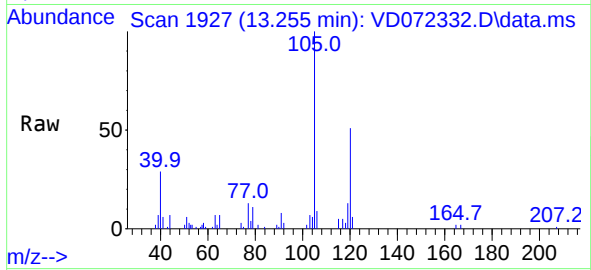
Acq: 21 Mar 2022 11:23

Instrument :

MSVOA_D

ClientSampleId :

OR-3-031622



Tgt Ion:105 Resp: 21674

Ion Ratio Lower Upper

105 100

120 46.7 22.3 66.8

