

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072666.D
 Acq On : 21 Apr 2022 12:59
 Operator : VA/SY
 Sample : N2479-07
 Misc : 5.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-8-10

Quant Time: Apr 22 03:40:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

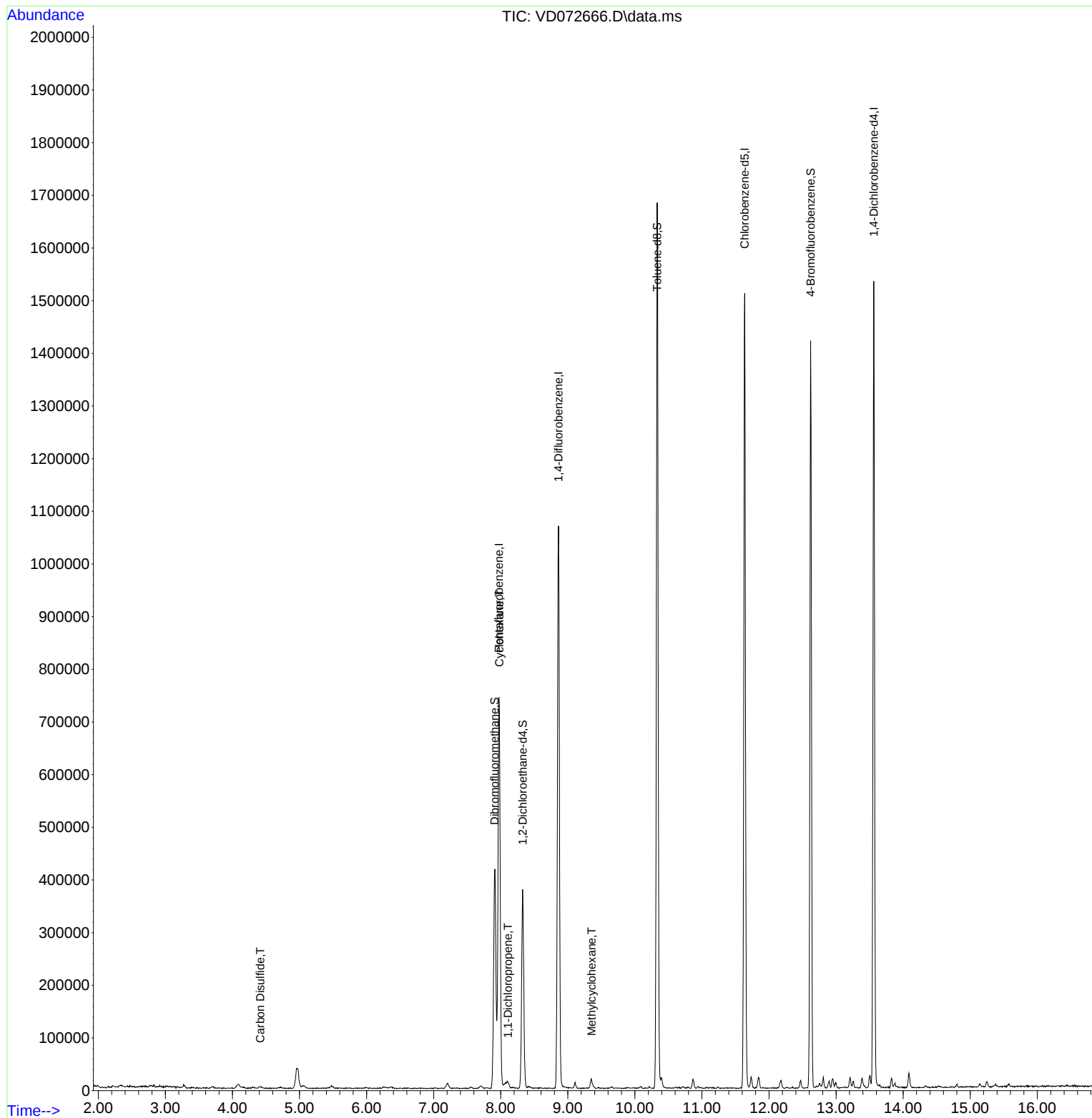
Internal Standards						
1) Pentafluorobenzene	7.973	168	537949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	944951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	886108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	395983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	287412	44.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.340%
35) Dibromofluoromethane	7.908	113	302923	41.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.500%
50) Toluene-d8	10.332	98	1136382	44.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.040%
62) 4-Bromofluorobenzene	12.620	95	397532	39.875	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.760%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.415	76	7146	4.259	ug/l	100
31) Cyclohexane	7.979	56	16609	1.952	ug/l #	25
36) 1,1-Dichloropropene	8.108	75	4040	1.545	ug/l	97
39) Methylcyclohexane	9.355	83	5963	3.391	ug/l	88

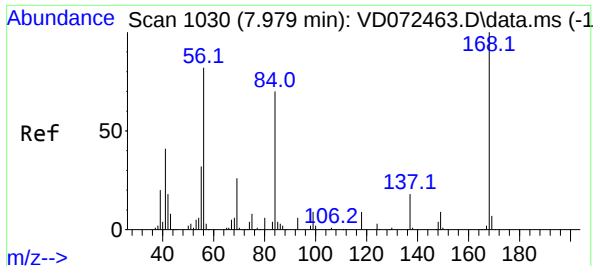
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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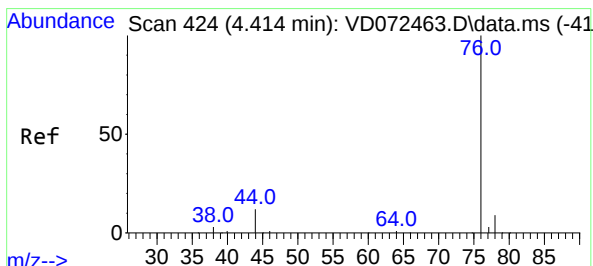
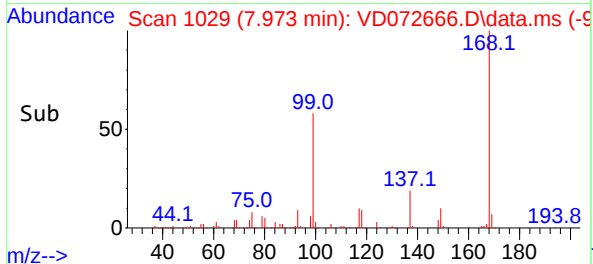
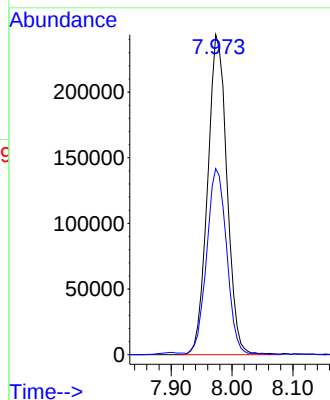
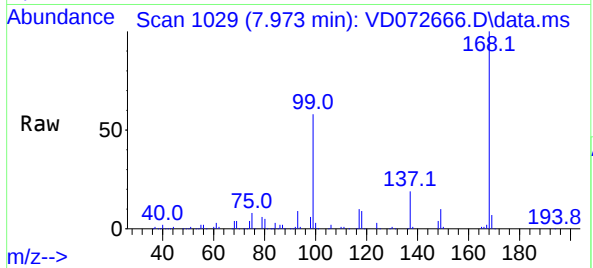




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072666.D
Acq: 21 Apr 2022 12:59

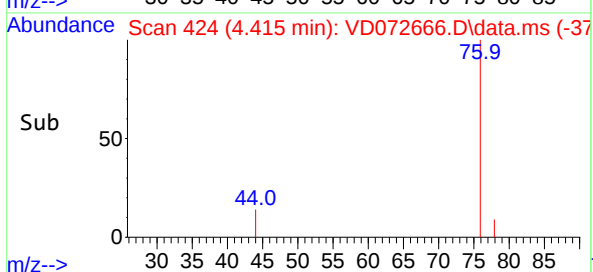
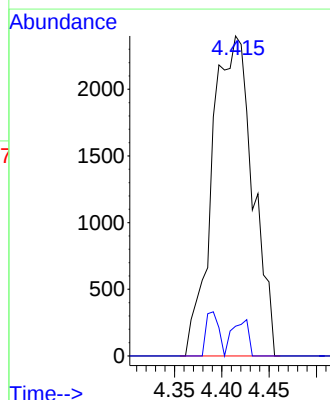
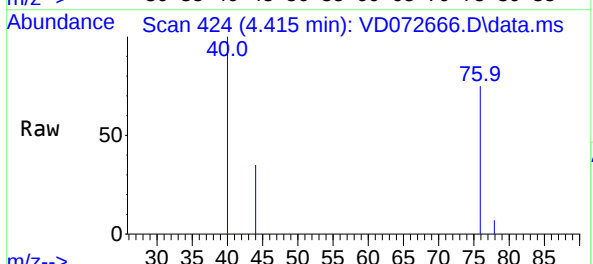
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-8-10

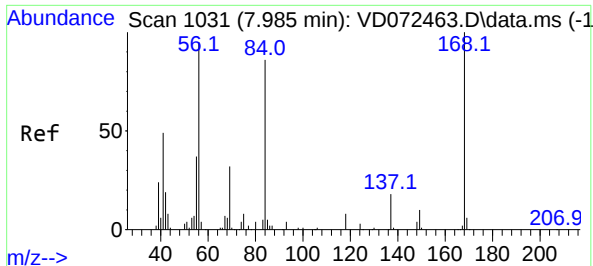
Tgt Ion:168 Resp: 537949
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#17
Carbon Disulfide
Concen: 4.259 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD072666.D
Acq: 21 Apr 2022 12:59

Tgt Ion: 76 Resp: 7146
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

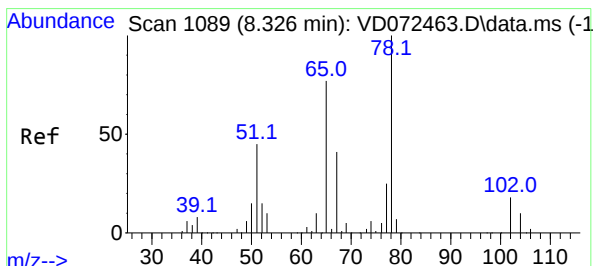
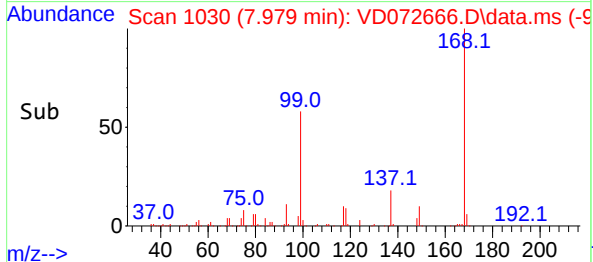
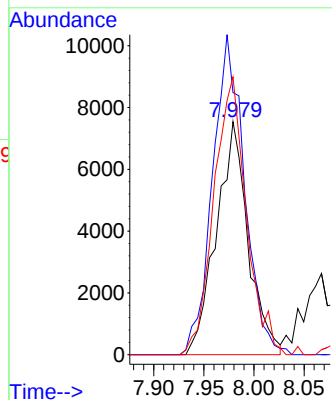
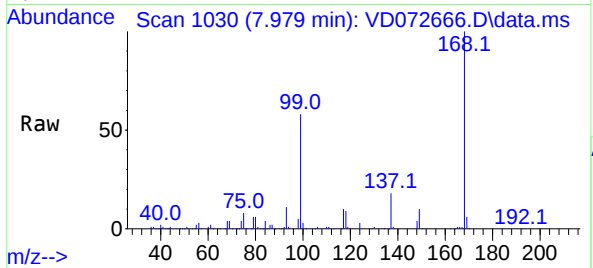




#31
Cyclohexane
Concen: 1.952 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072666.D
Acq: 21 Apr 2022 12:59

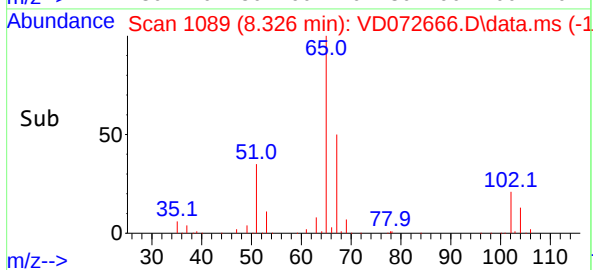
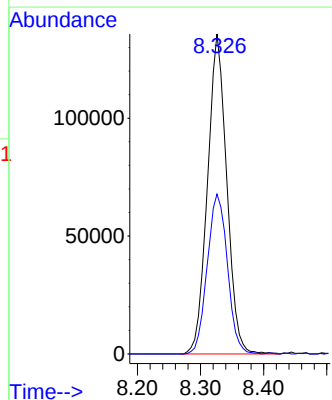
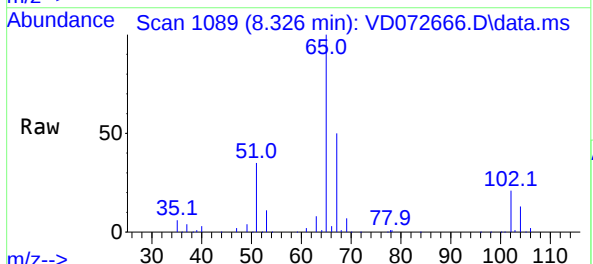
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-8-10

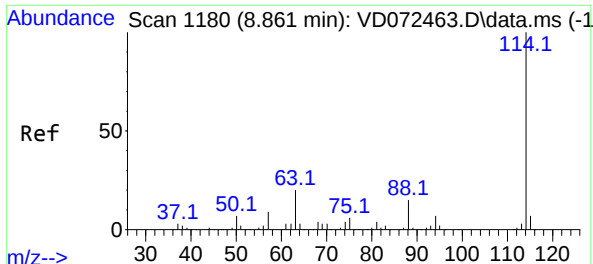
Tgt Ion: 56 Resp: 16609
Ion Ratio Lower Upper
56 100
69 112.5 25.4 38.2#
84 119.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.166 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072666.D
Acq: 21 Apr 2022 12:59

Tgt Ion: 65 Resp: 287412
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: VD072666.D

Acq: 21 Apr 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-8-10

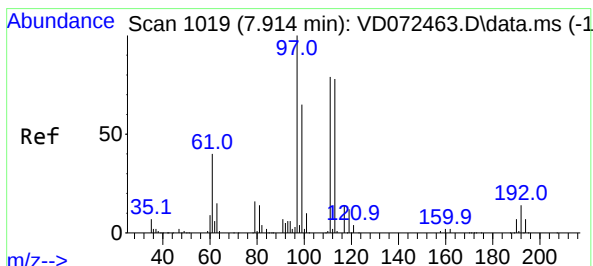
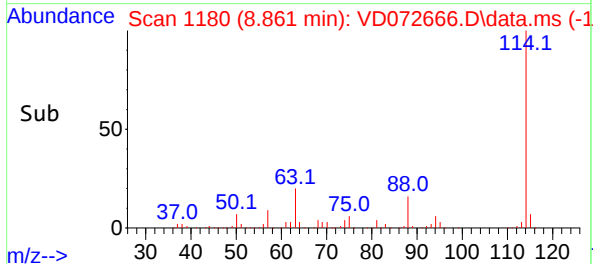
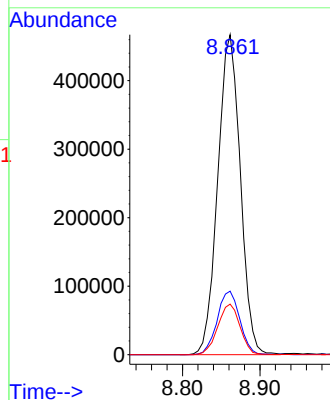
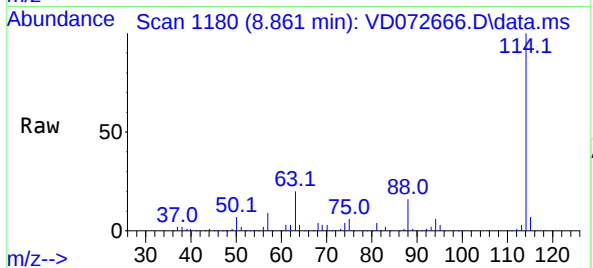
Tgt Ion:114 Resp: 944951

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.250 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072666.D

Acq: 21 Apr 2022 12:59

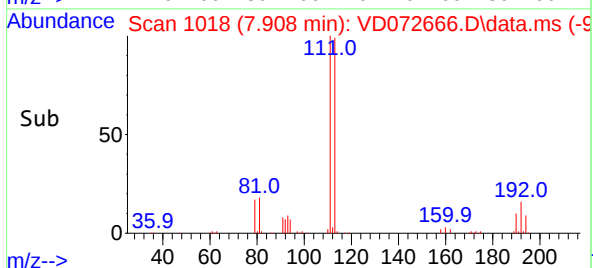
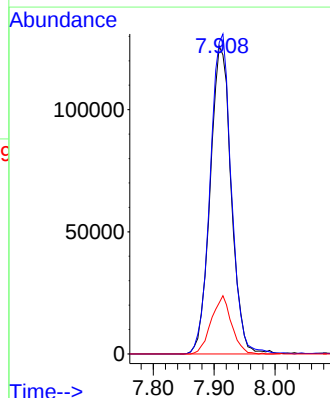
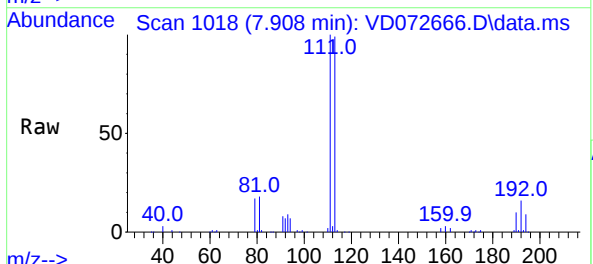
Tgt Ion:113 Resp: 302923

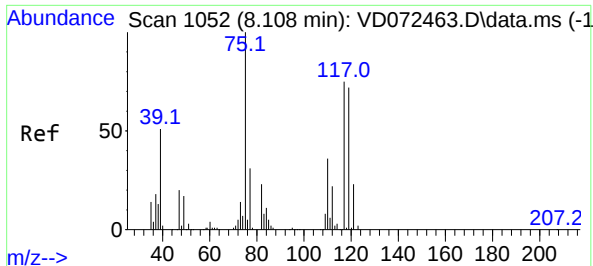
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 1.545 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072666.D

Acq: 21 Apr 2022 12:59

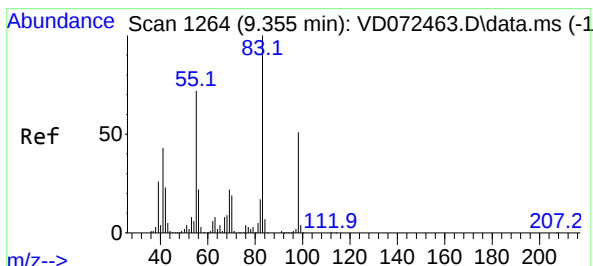
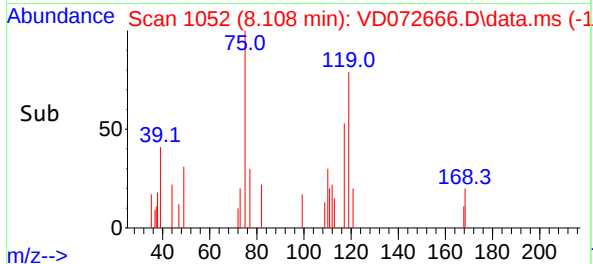
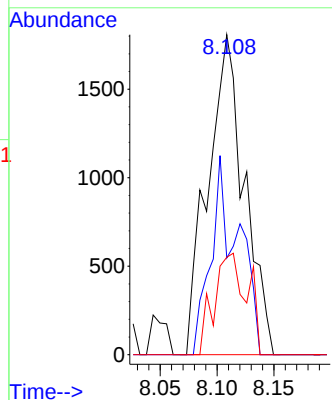
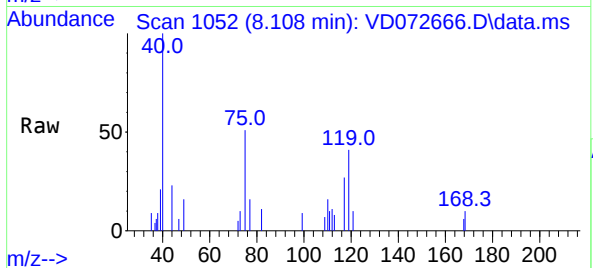
Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-8-10

Tgt Ion:	75	Resp:	4040
Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.4	49.1
77	28.5	24.2	36.2



#39

Methylcyclohexane

Concen: 3.391 ug/l

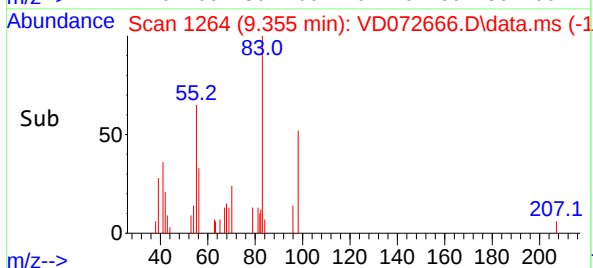
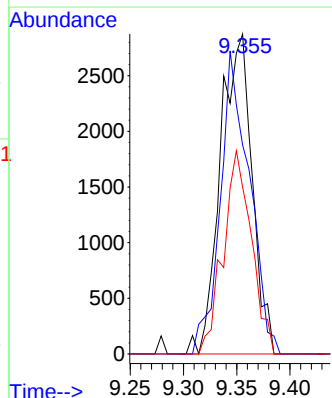
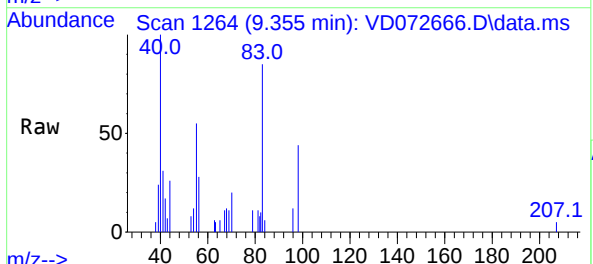
RT: 9.355 min Scan# 1264

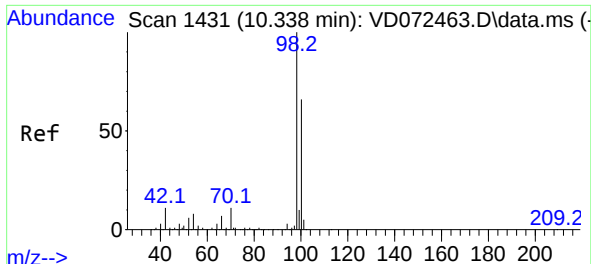
Delta R.T. 0.000 min

Lab File: VD072666.D

Acq: 21 Apr 2022 12:59

Tgt Ion:	83	Resp:	5963
Ion	Ratio	Lower	Upper
83	100		
55	65.3	63.2	94.8
98	52.2	38.2	57.4

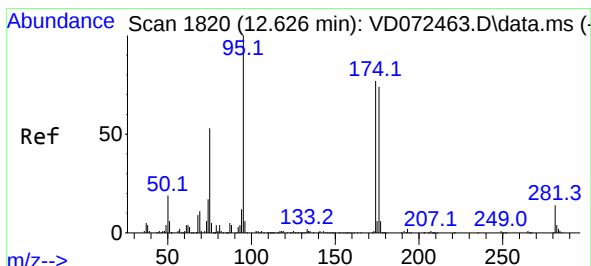
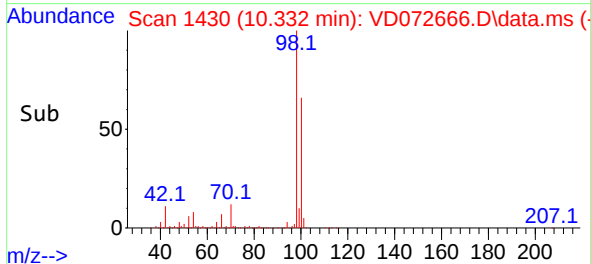
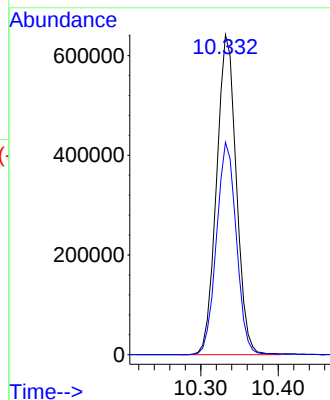
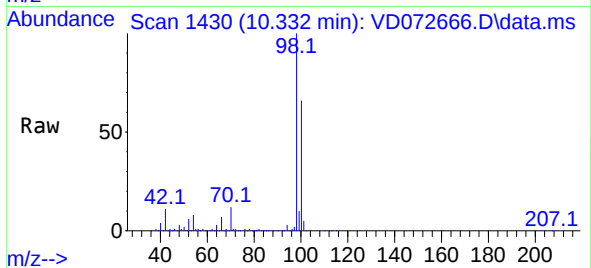




#50
Toluene-d8
Concen: 44.517 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072666.D
Acq: 21 Apr 2022 12:59

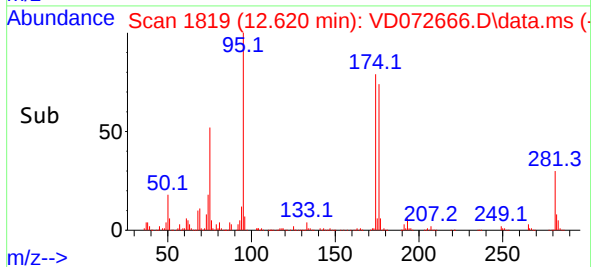
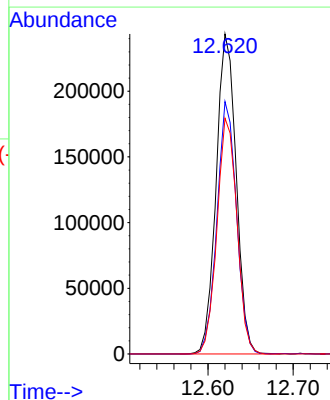
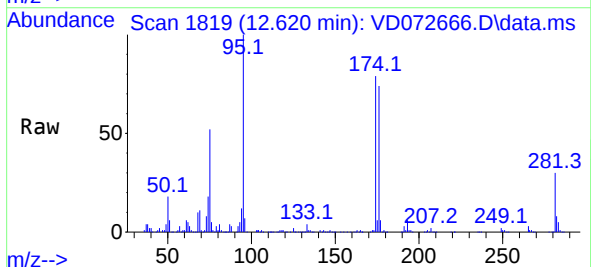
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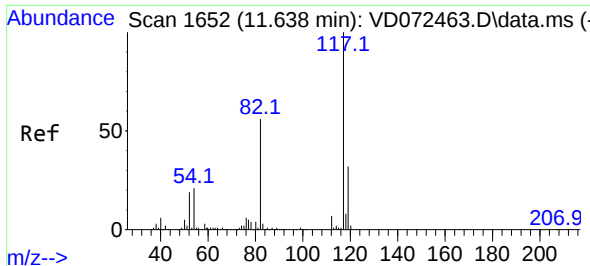
Tgt Ion: 98 Resp: 1136382
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.875 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072666.D
Acq: 21 Apr 2022 12:59

Tgt Ion: 95 Resp: 397532
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 73.4 0.0 145.4

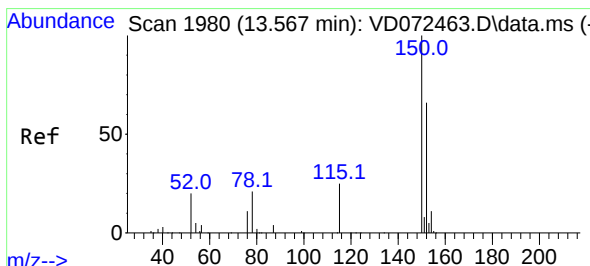
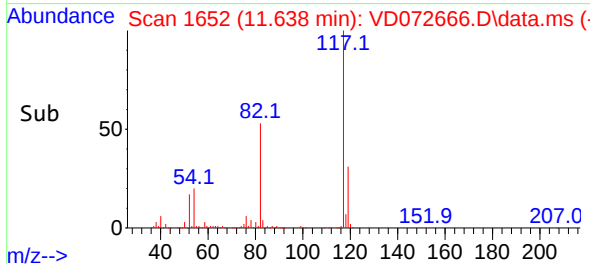
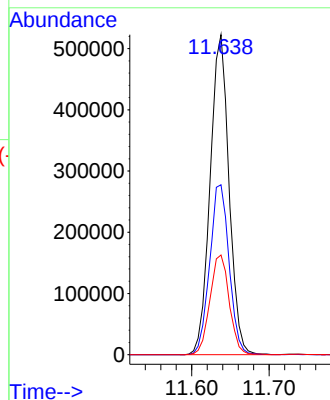
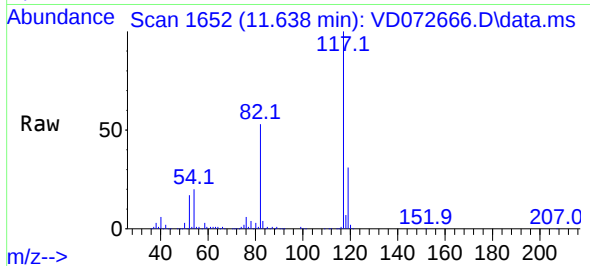




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072666.D
Acq: 21 Apr 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 886108
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072666.D
Acq: 21 Apr 2022 12:59

Tgt Ion:152 Resp: 395983
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 158.6 0.0 348.6

