

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072946.D
 Acq On : 12 May 2022 14:29
 Operator : VA/SY
 Sample : VD0512SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 13 05:54:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

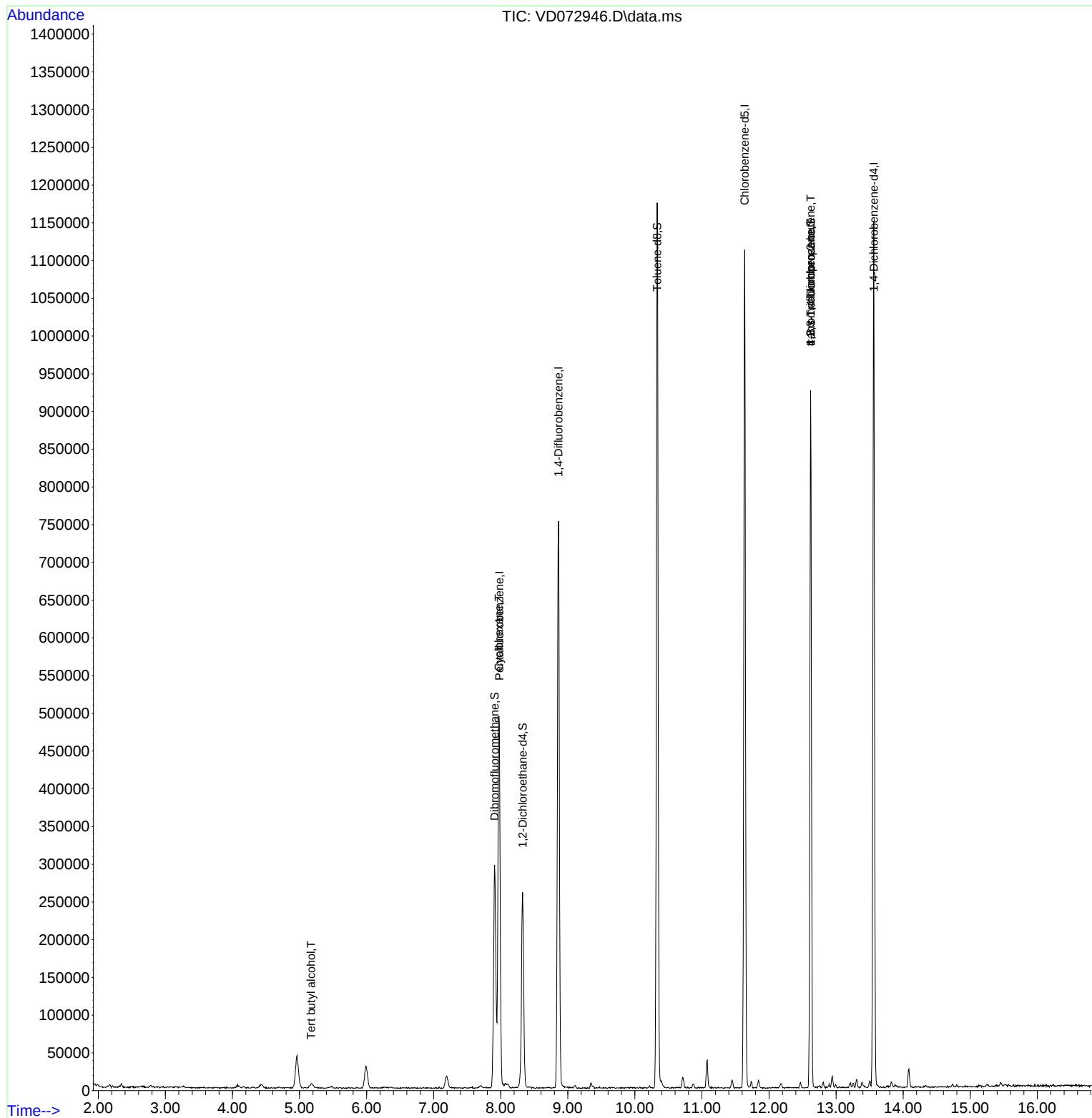
Internal Standards						
1) Pentafluorobenzene	7.979	168	364237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	648037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	638059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202755	42.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.760%
35) Dibromofluoromethane	7.909	113	211624	46.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.000%
50) Toluene-d8	10.332	98	800348	49.024	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.620	95	285551	46.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.820%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1466	Below Cal	#	73
11) Tert butyl alcohol	5.173	59	5564	13.601	ug/l #	74
16) Acetone	4.162	43	2854	Below Cal	#	59
18) Methyl Acetate	4.903	43	124	Below Cal	#	55
20) Methylene Chloride	4.956	84	31924	Below Cal		89
31) Cyclohexane	7.973	56	9788	1.184	ug/l #	4
76) 1,2,3-Trichloropropane	12.620	75	145729	44.064	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	145729	101.330	ug/l #	7

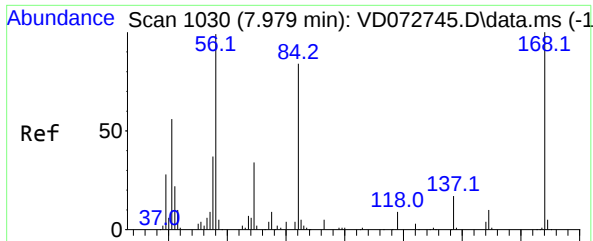
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
Data File : VD072946.D
Acq On : 12 May 2022 14:29
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

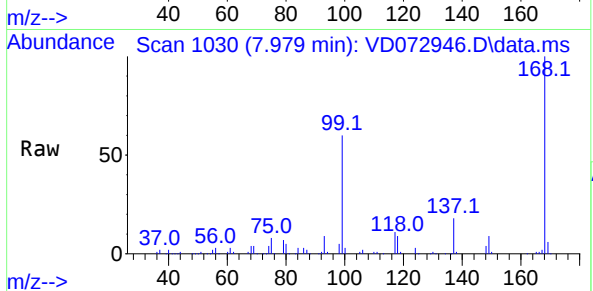
Quant Time: May 13 05:54:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



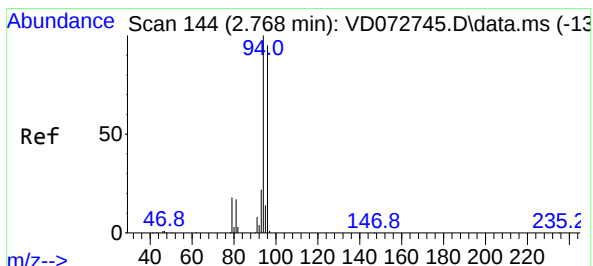
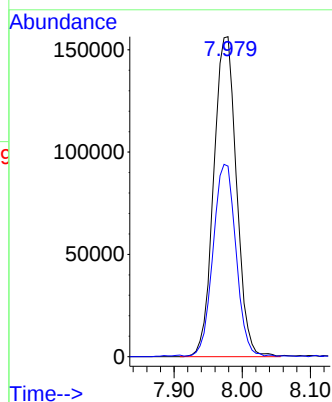
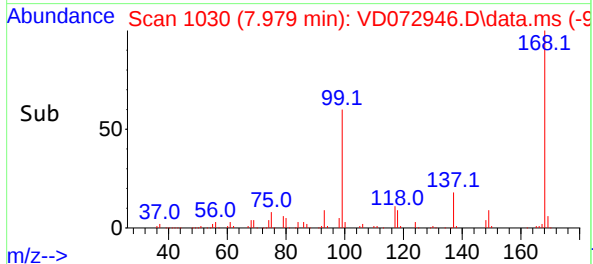


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :

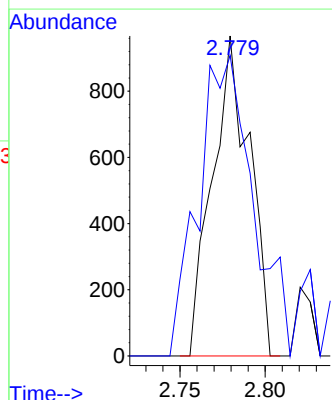
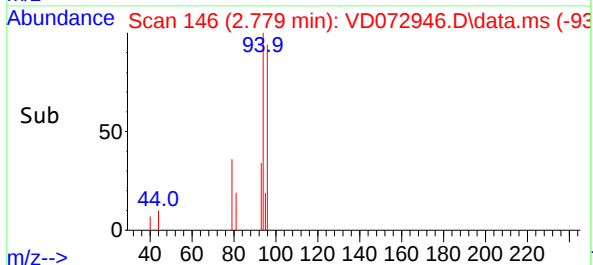
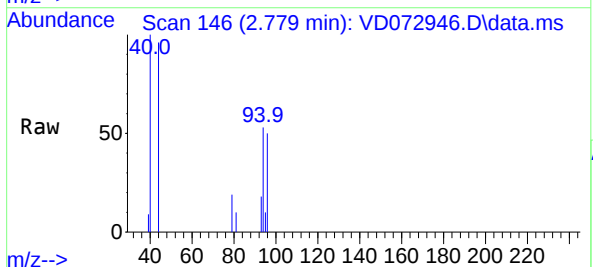


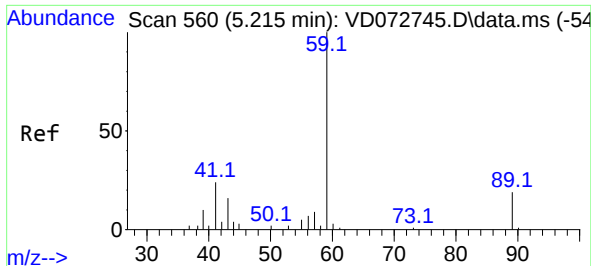
Tgt Ion:168 Resp: 364237
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

Tgt Ion: 94 Resp: 1466
Ion Ratio Lower Upper
94 100
96 70.1 77.6 116.4#





#11

Tert butyl alcohol

Concen: 13.601 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD072946.D

Acq: 12 May 2022 14:29

Instrument :

MSVOA_D

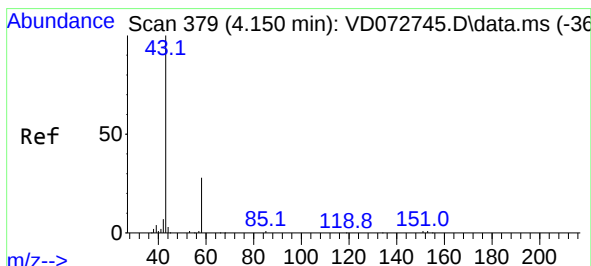
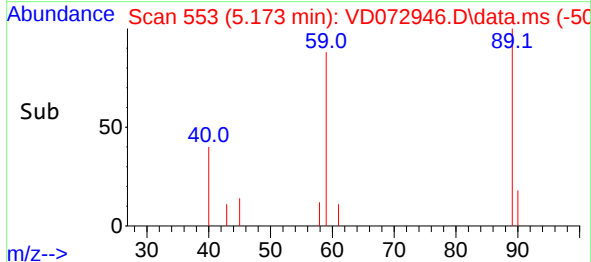
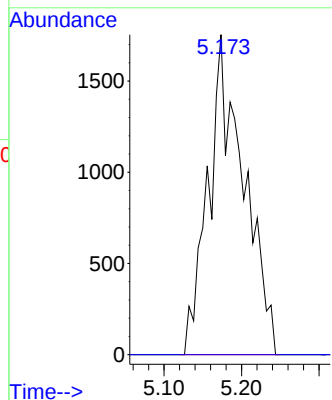
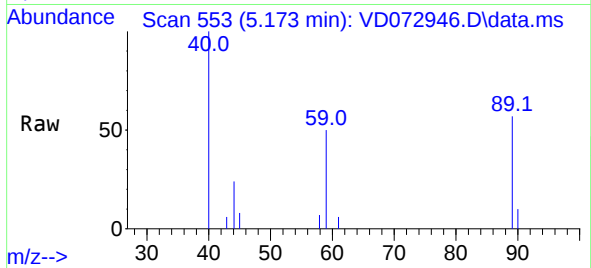
ClientSampleId :

Tgt Ion: 59 Resp: 5564

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD072946.D

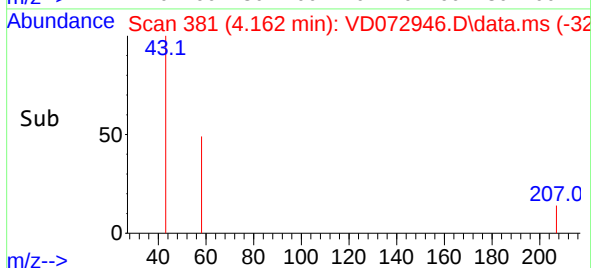
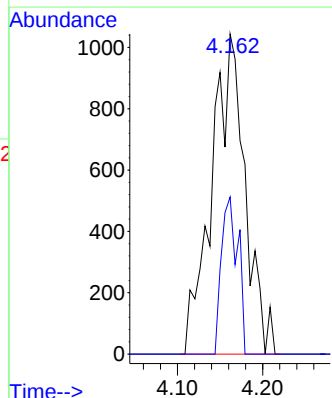
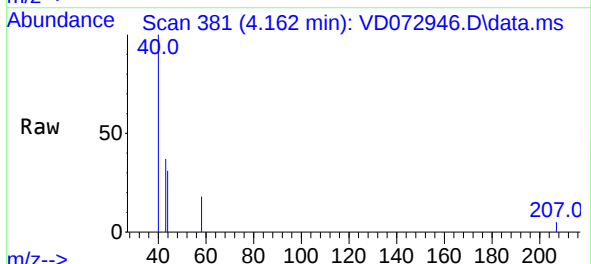
Acq: 12 May 2022 14:29

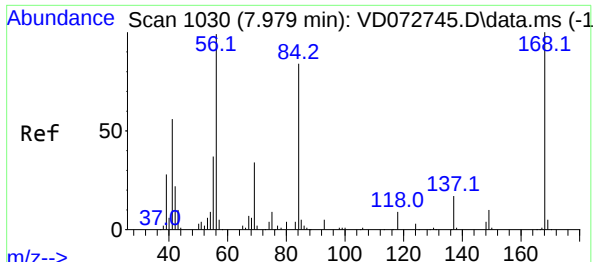
Tgt Ion: 43 Resp: 2854

Ion Ratio Lower Upper

43 100

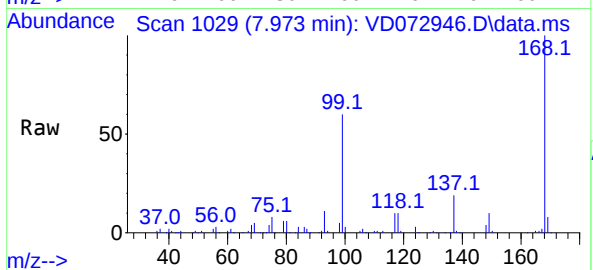
58 49.0 22.1 33.1#



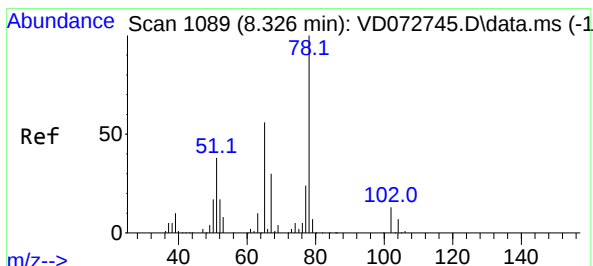
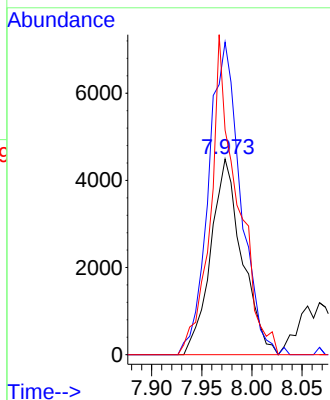
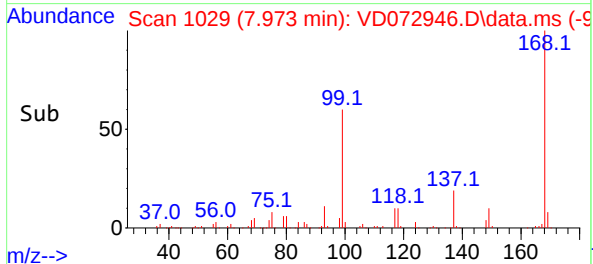


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :

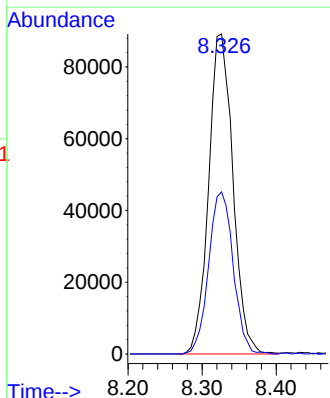
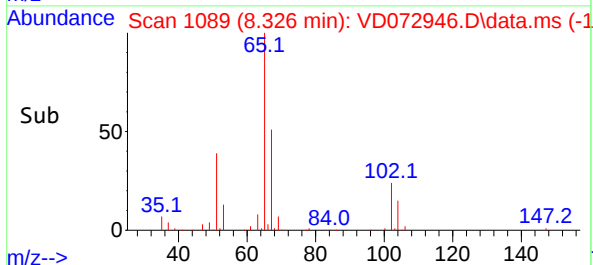
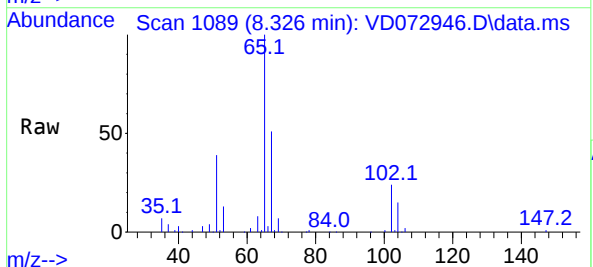


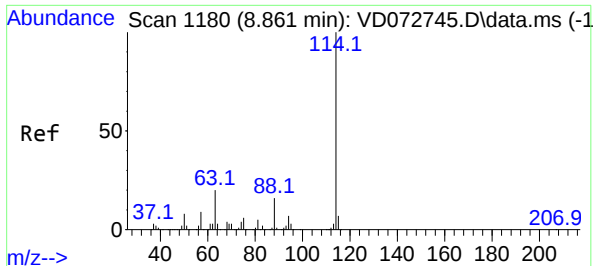
Tgt Ion: 56 Resp: 9788
Ion Ratio Lower Upper
56 100
69 159.6 25.4 38.2#
84 114.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.883 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

Tgt Ion: 65 Resp: 202755
Ion Ratio Lower Upper
65 100
67 51.2 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

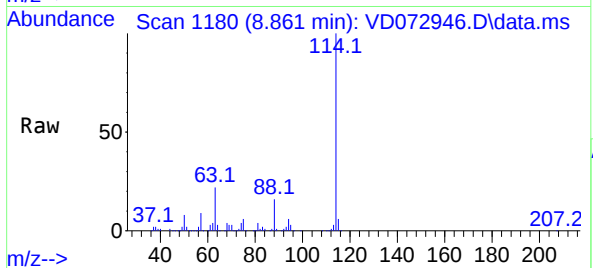
Lab File: VD072946.D

Acq: 12 May 2022 14:29

Instrument :

MSVOA_D

ClientSampleId :



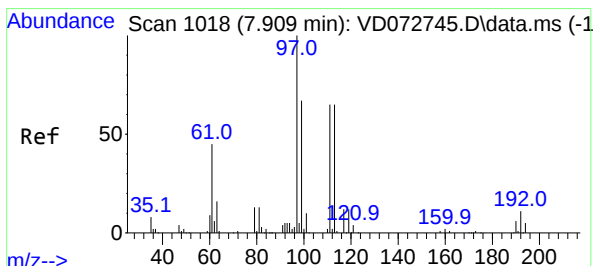
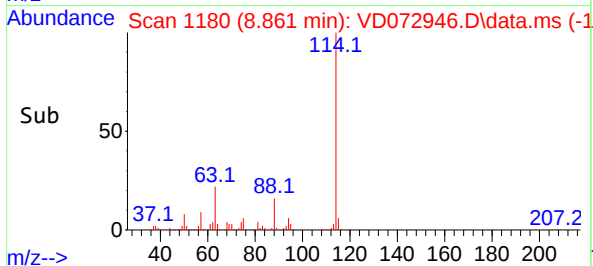
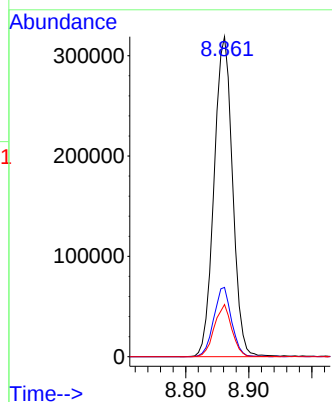
Tgt Ion:114 Resp: 648037

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.498 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072946.D

Acq: 12 May 2022 14:29

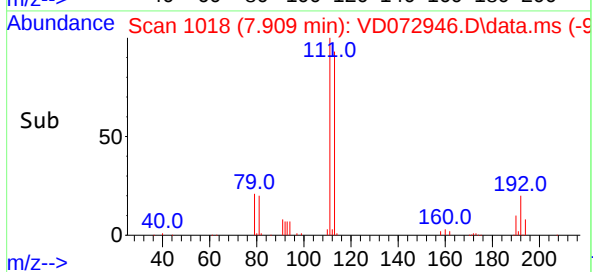
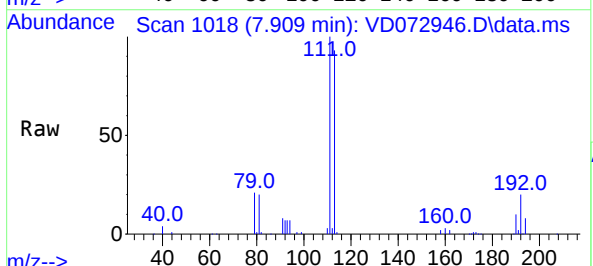
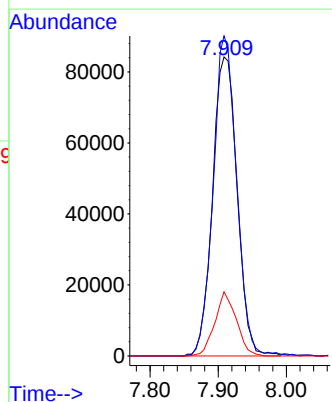
Tgt Ion:113 Resp: 211624

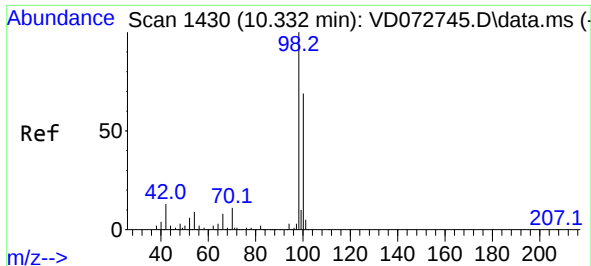
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.7 14.6 21.8

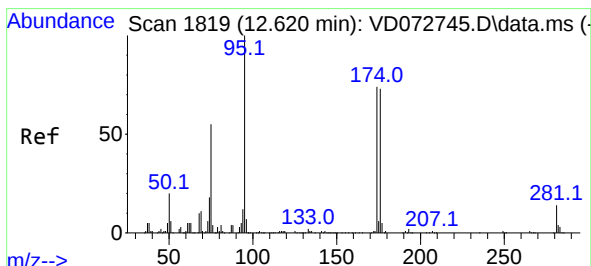
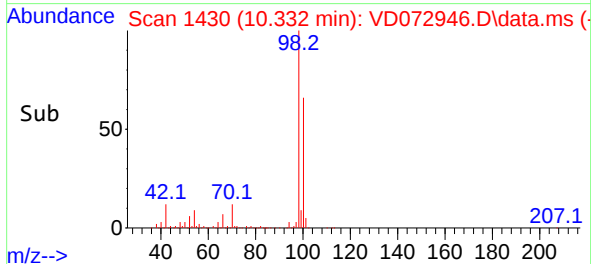
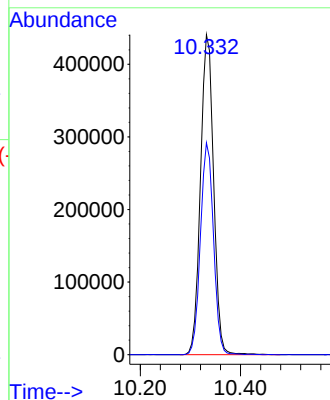
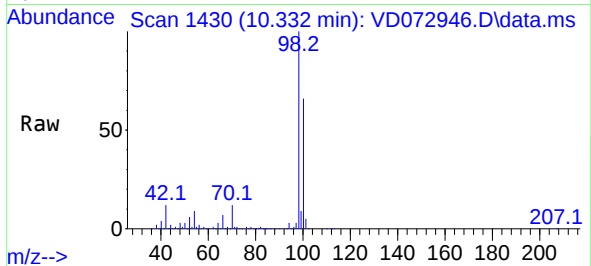




#50
Toluene-d8
Concen: 49.024 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

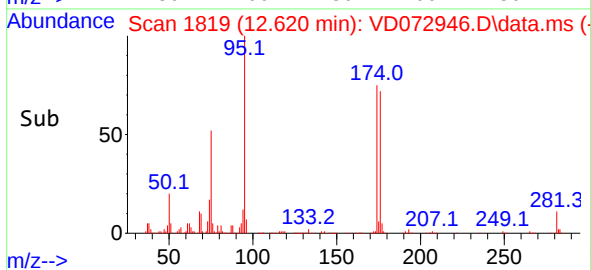
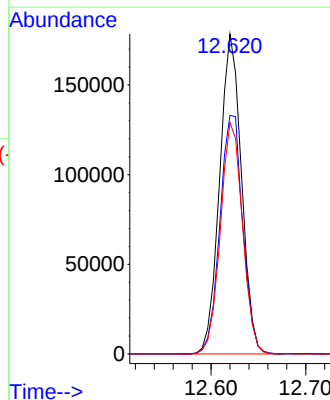
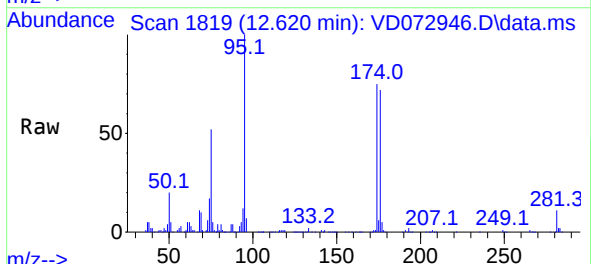
Instrument :
MSVOA_D
ClientSampleId :

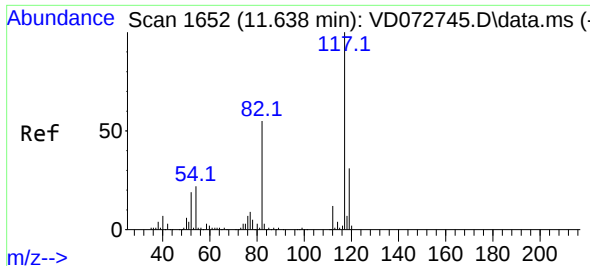
Tgt Ion: 98 Resp: 800348
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.908 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

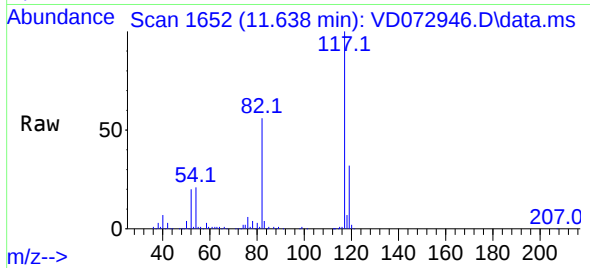
Tgt Ion: 95 Resp: 285551
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 73.3 0.0 145.4



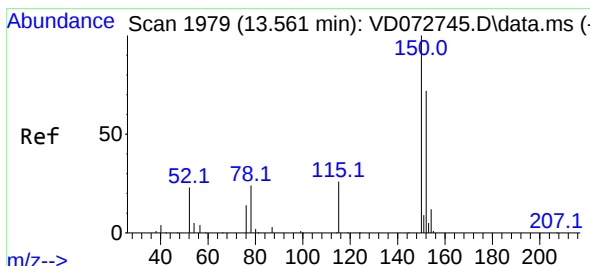
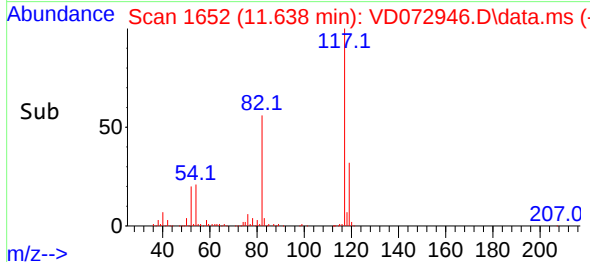
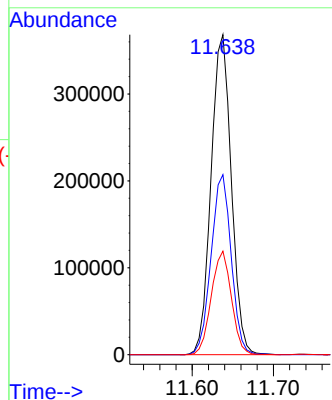


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :

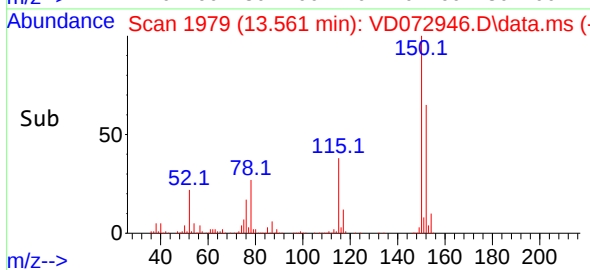
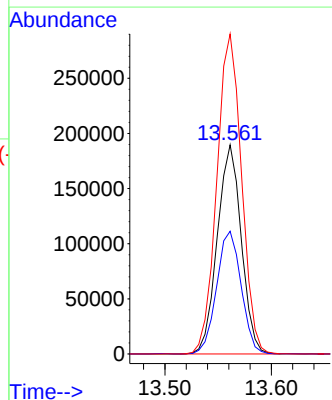
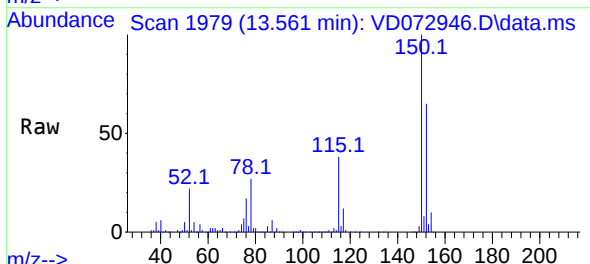


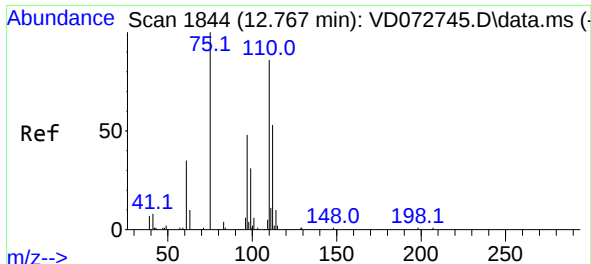
Tgt Ion:117 Resp: 638059
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

Tgt Ion:152 Resp: 296592
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 157.6 0.0 348.6

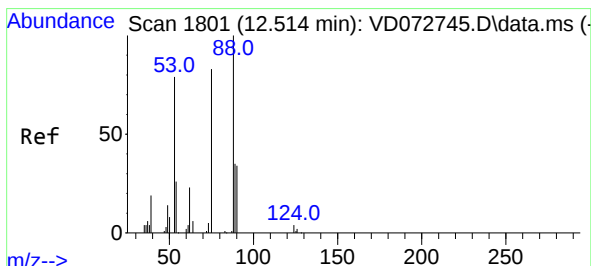
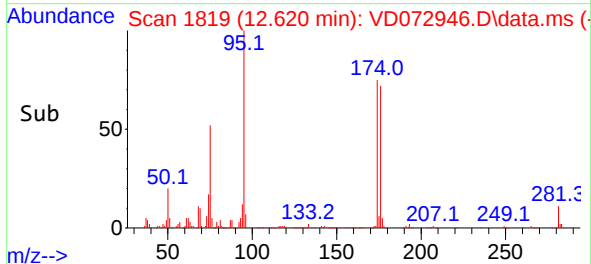
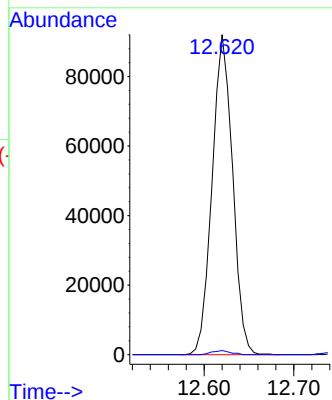
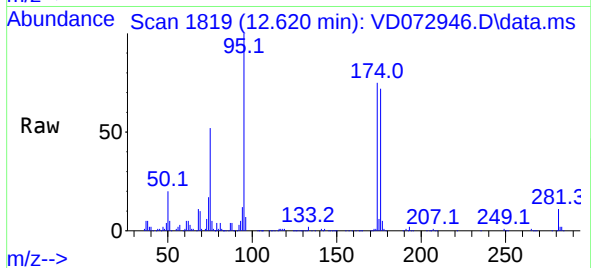




#76
1,2,3-Trichloropropane
Concen: 44.064 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 145729
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.330 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072946.D
Acq: 12 May 2022 14:29

Tgt Ion: 75 Resp: 145729
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

