

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072377.D
 Acq On : 23 Mar 2022 10:58
 Operator : VA/SY
 Sample : VD0323SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:50:50 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)

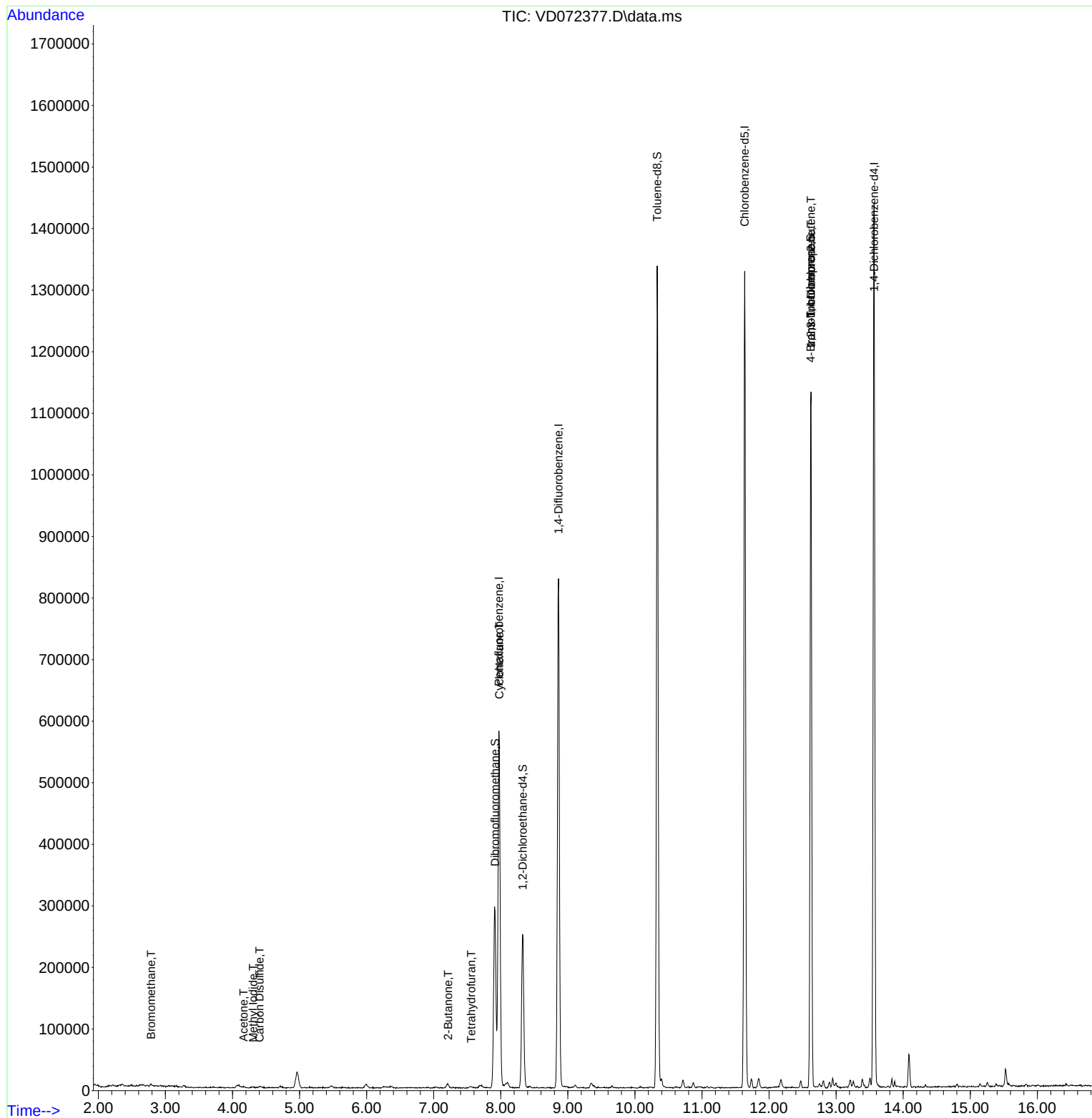
Internal Standards						
1) Pentafluorobenzene	7.973	168	413292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	699043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	761850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	383604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197244	42.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.640%
35) Dibromofluoromethane	7.914	113	212381	43.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.340%
50) Toluene-d8	10.332	98	859956	47.809	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.620	95	374377	53.567	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.140%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	2169	1.016	ug/l	82
10) Methyl Iodide	4.308	142	1932	2.663	ug/l #	79
16) Acetone	4.167	43	2856	2.856	ug/l	95
17) Carbon Disulfide	4.403	76	2209	1.742	ug/l #	74
20) Methylene Chloride	4.967	84	19409	Below Cal		91
25) 2-Butanone	7.214	43	1389	1.042	ug/l #	87
29) Tetrahydrofuran	7.561	42	948	1.209	ug/l #	58
31) Cyclohexane	7.979	56	11648	1.619	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	195187	46.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	195187	114.446	ug/l #	7

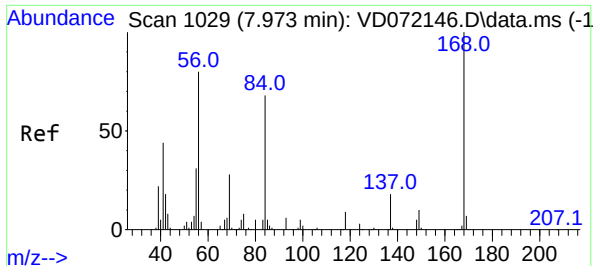
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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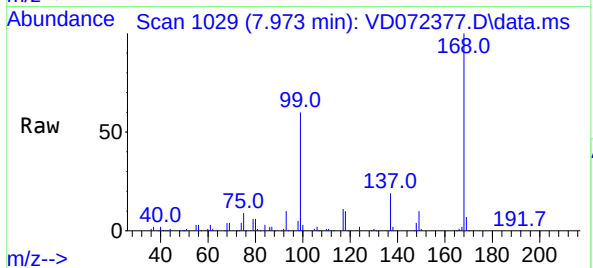
Quant Time: Mar 24 00:50:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
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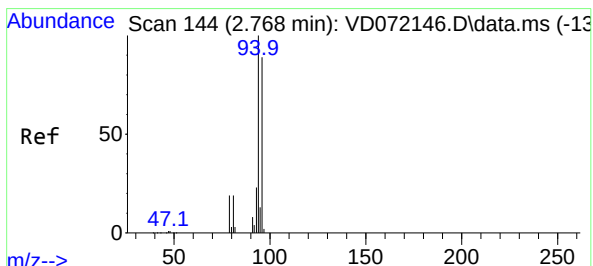
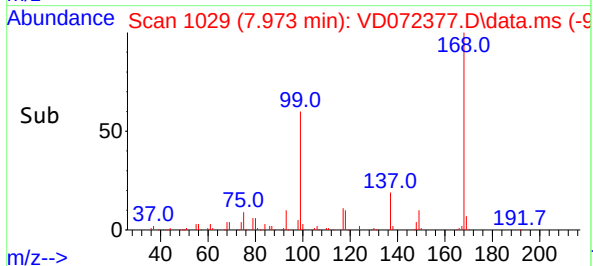
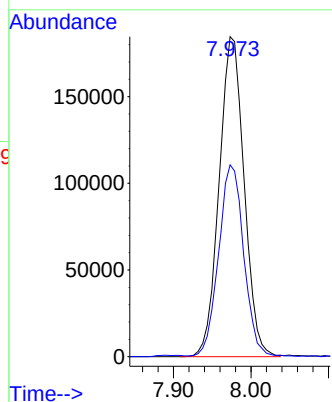


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Instrument :
MSVOA_D
ClientSampleId :

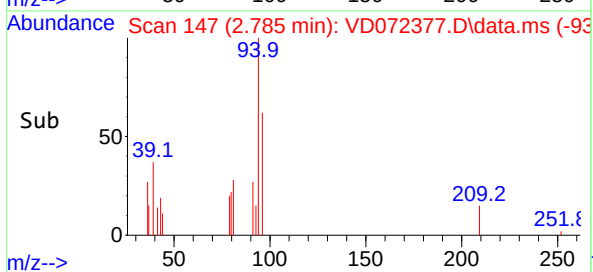
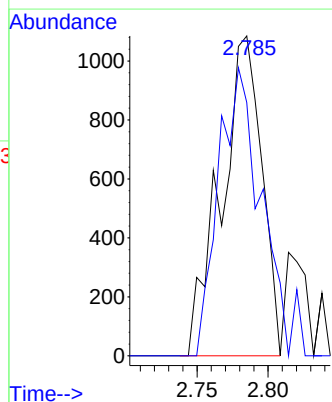
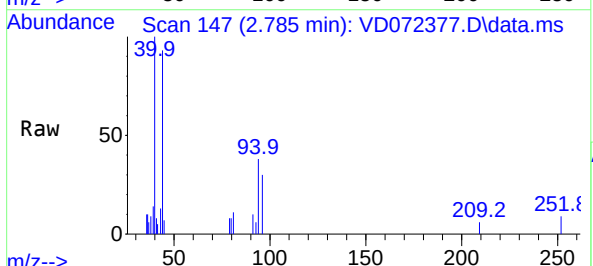


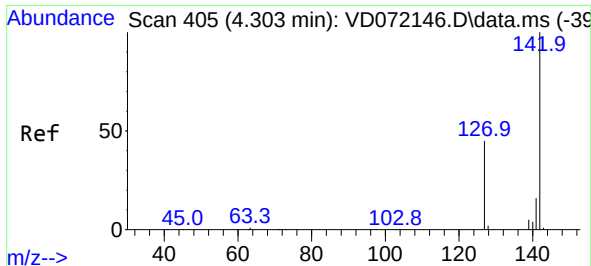
Tgt Ion:168 Resp: 413292
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#5
Bromomethane
Concen: 1.016 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion: 94 Resp: 2169
Ion Ratio Lower Upper
94 100
96 79.2 77.6 116.4

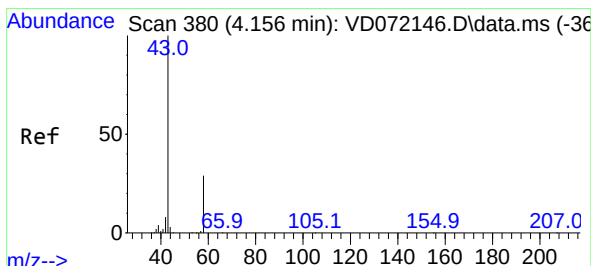
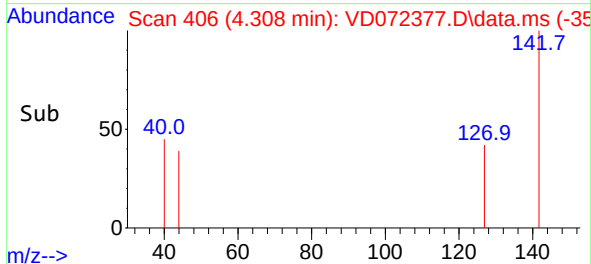
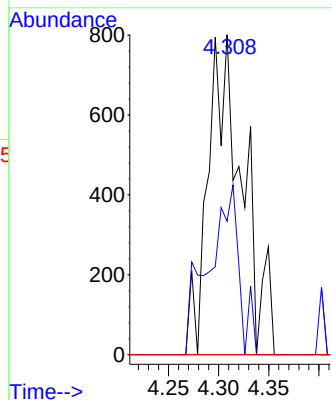
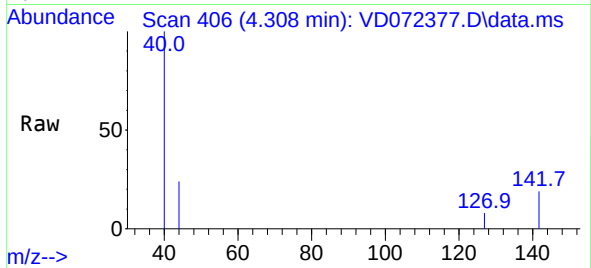




#10
Methyl Iodide
Concen: 2.663 ug/l
RT: 4.308 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

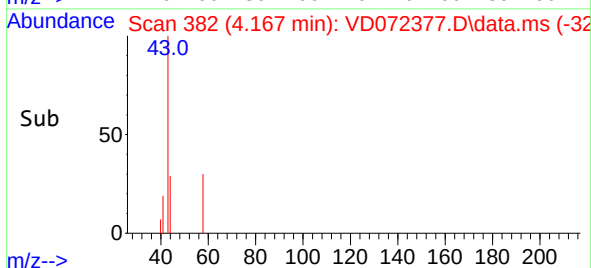
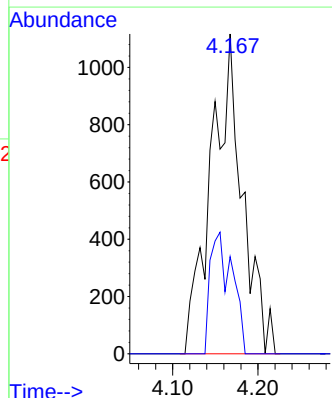
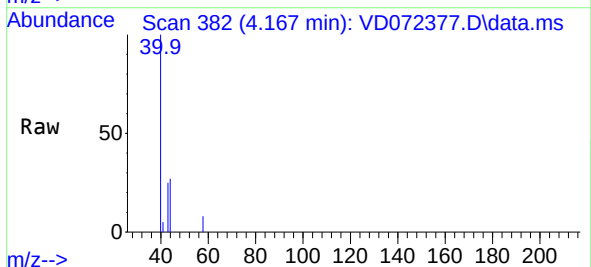
Instrument :
MSVOA_D
ClientSampleId :

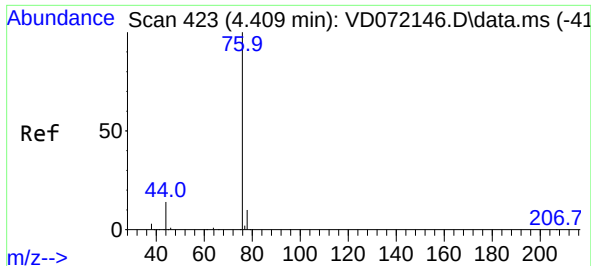
Tgt Ion:142 Resp: 1932
Ion Ratio Lower Upper
142 100
127 35.6 37.3 55.9#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 2.856 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion: 43 Resp: 2856
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1

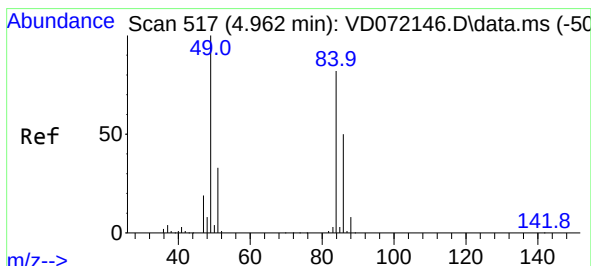
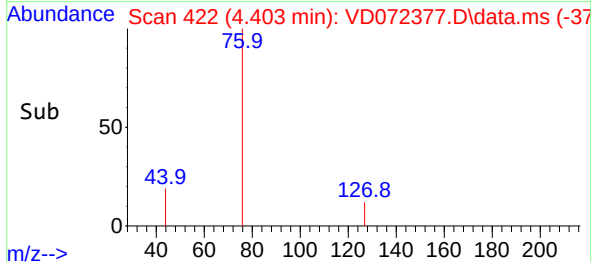
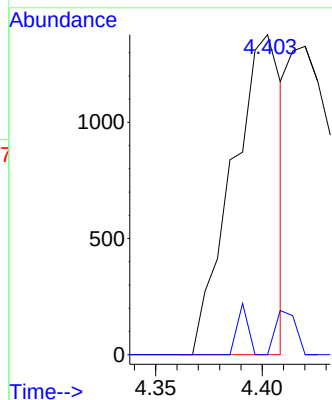
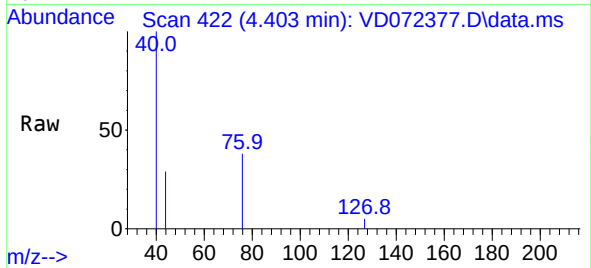




#17
Carbon Disulfide
Concen: 1.742 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

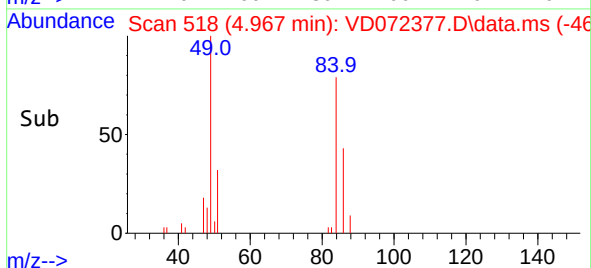
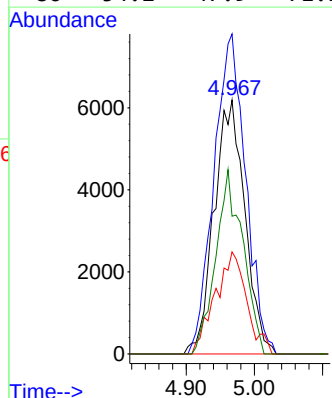
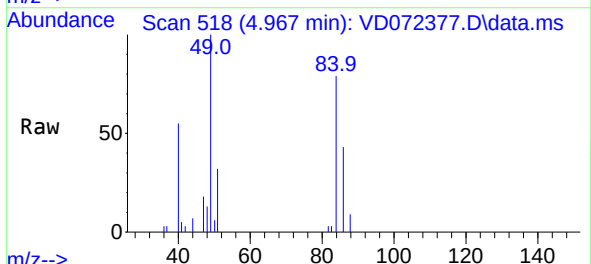
Instrument :
MSVOA_D
ClientSampleId :

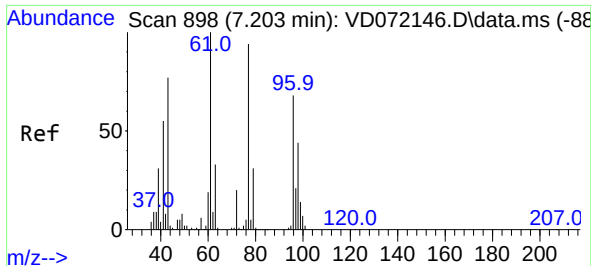
Tgt Ion: 76 Resp: 2209
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion: 84 Resp: 19409
Ion Ratio Lower Upper
84 100
49 126.0 112.8 169.2
51 40.2 32.6 48.8
86 54.2 47.9 71.9





#25

2-Butanone

Concen: 1.042 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.012 min

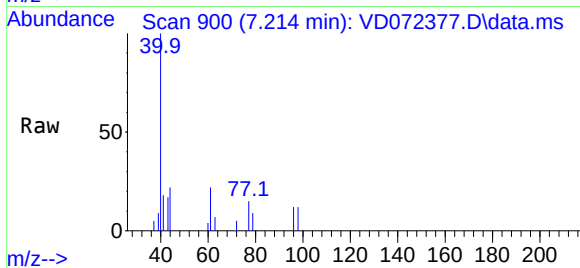
Lab File: VD072377.D

Acq: 23 Mar 2022 10:58

Instrument :

MSVOA_D

ClientSampleId :

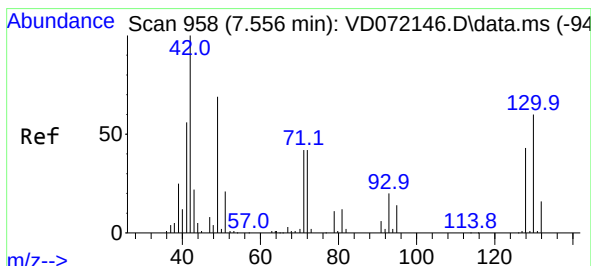
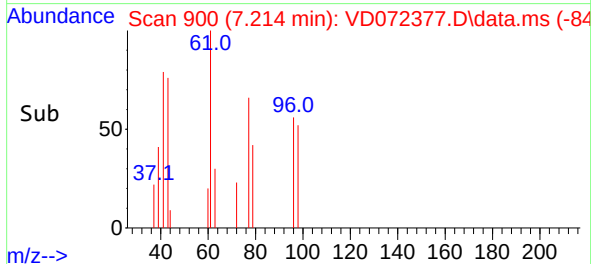
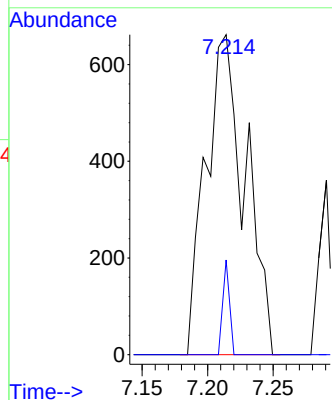


Tgt Ion: 43 Resp: 1389

Ion Ratio Lower Upper

43 100

72 29.6 18.6 27.8#



#29

Tetrahydrofuran

Concen: 1.209 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.006 min

Lab File: VD072377.D

Acq: 23 Mar 2022 10:58

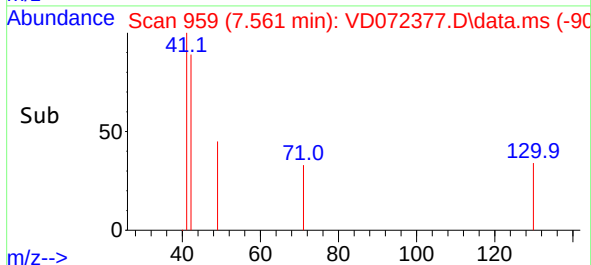
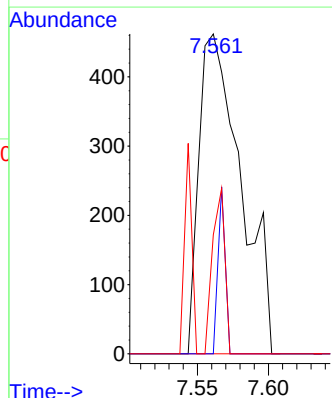
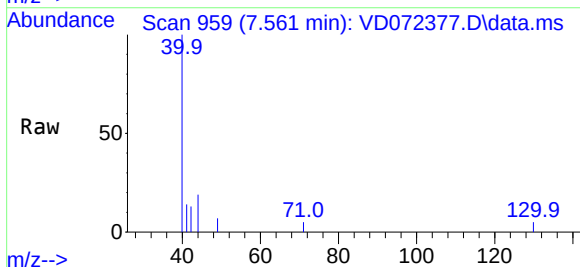
Tgt Ion: 42 Resp: 948

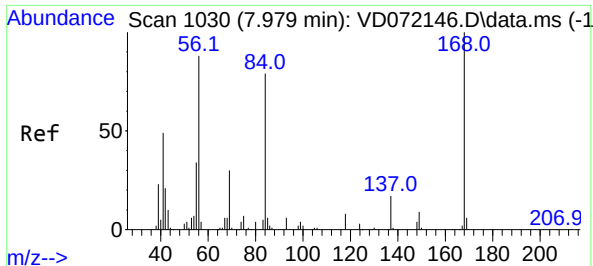
Ion Ratio Lower Upper

42 100

72 9.0 30.7 46.1#

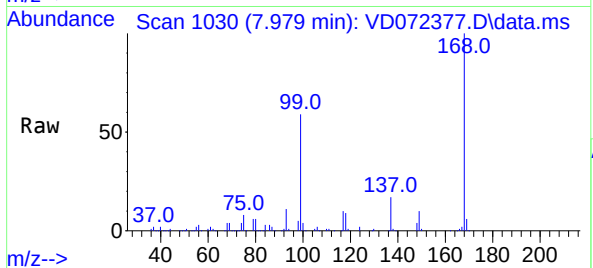
71 15.3 28.6 43.0#



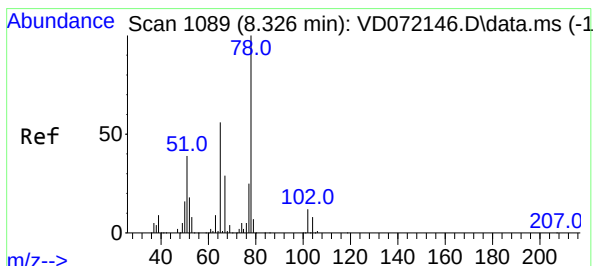
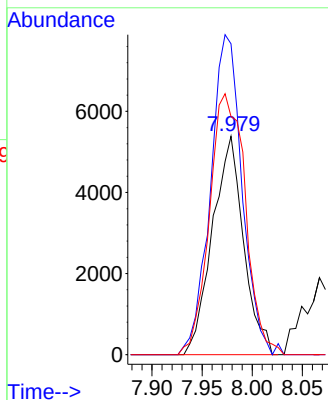
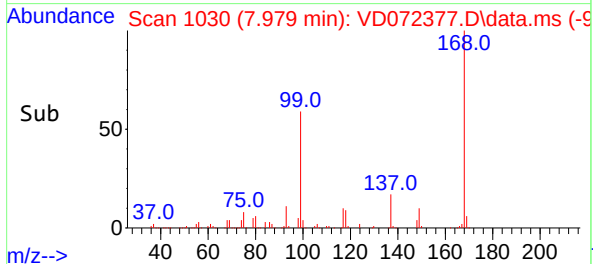


#31
Cyclohexane
Concen: 1.619 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Instrument :
MSVOA_D
ClientSampleId :

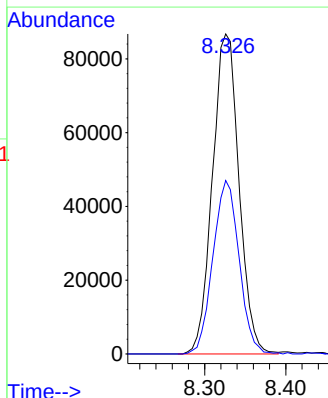
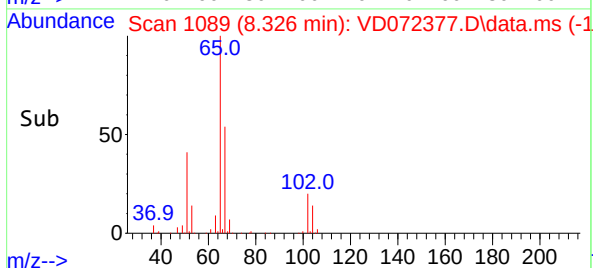
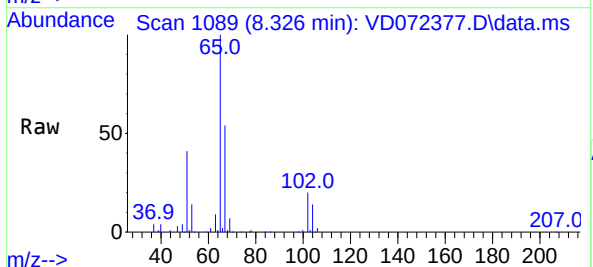


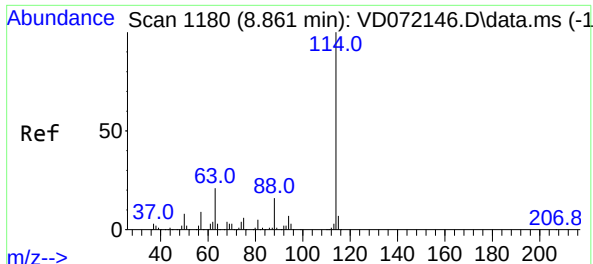
Tgt Ion: 56 Resp: 11648
Ion Ratio Lower Upper
56 100
69 142.4 25.4 38.2#
84 109.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.824 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion: 65 Resp: 197244
Ion Ratio Lower Upper
65 100
67 53.3 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: VD072377.D

Acq: 23 Mar 2022 10:58

Instrument :

MSVOA_D

ClientSampleId :

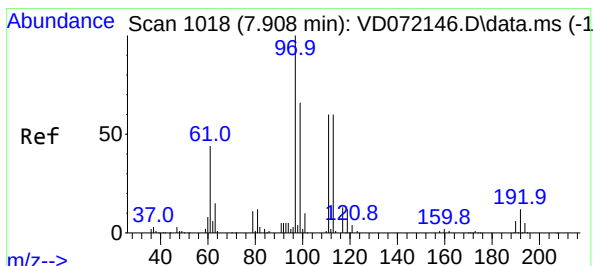
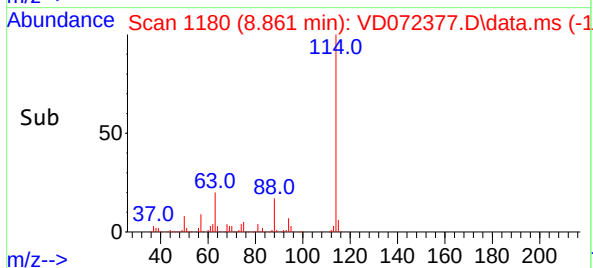
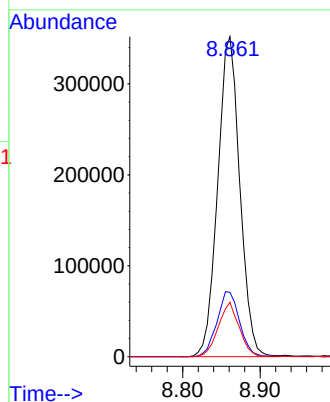
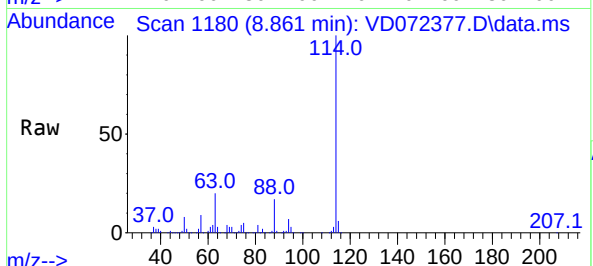
Tgt Ion:114 Resp: 699043

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 17.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.174 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072377.D

Acq: 23 Mar 2022 10:58

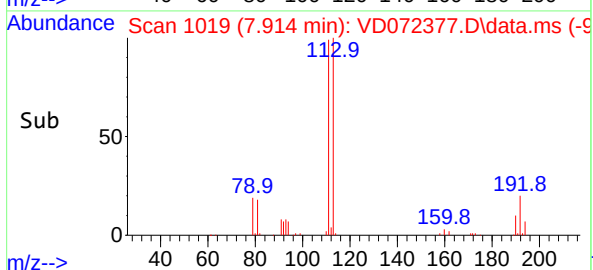
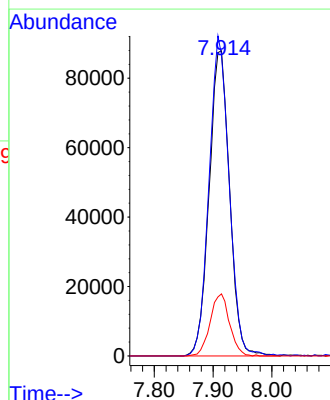
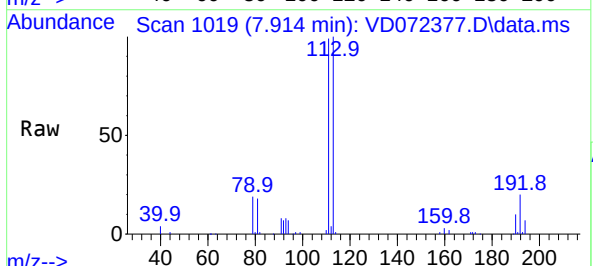
Tgt Ion:113 Resp: 212381

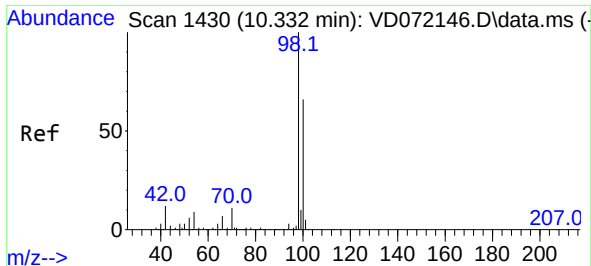
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 19.3 14.6 21.8

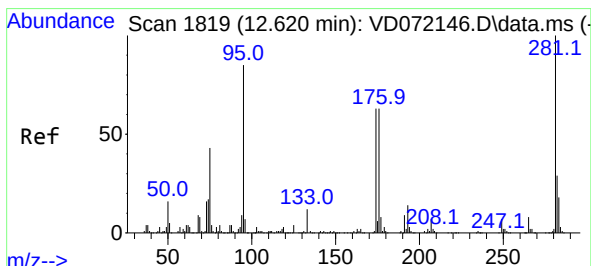
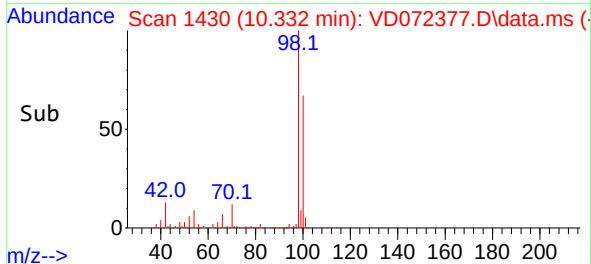
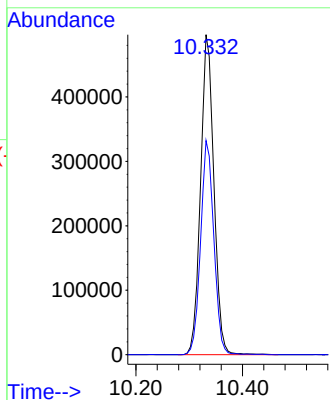
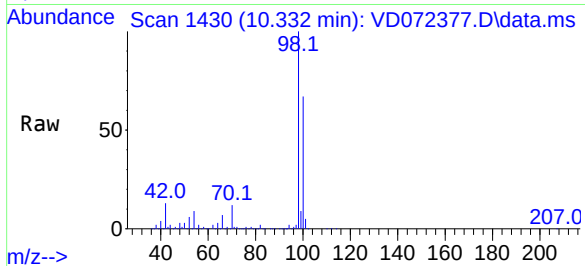




#50
Toluene-d8
Concen: 47.809 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

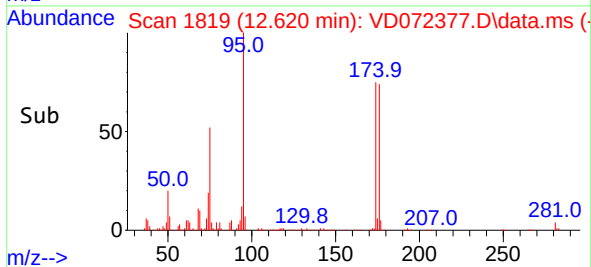
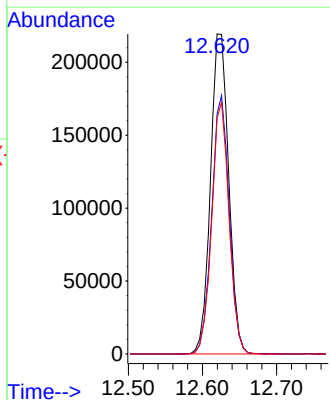
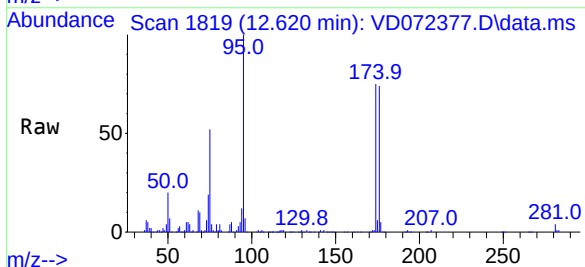
Instrument :
MSVOA_D
ClientSampleId :

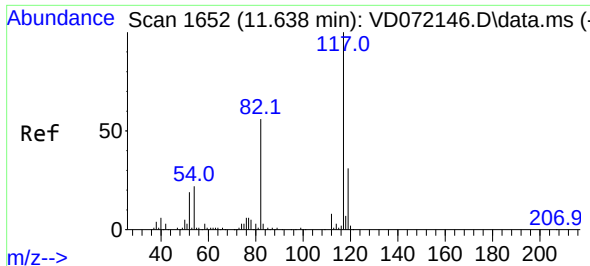
Tgt Ion: 98 Resp: 859956
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.567 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

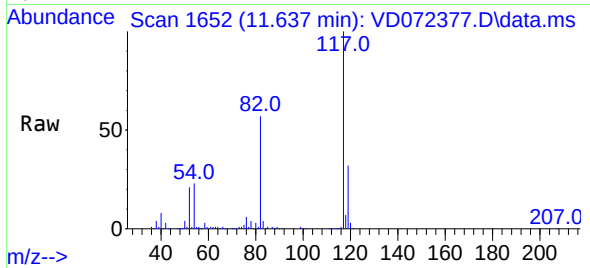
Tgt Ion: 95 Resp: 374377
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.5 0.0 145.4



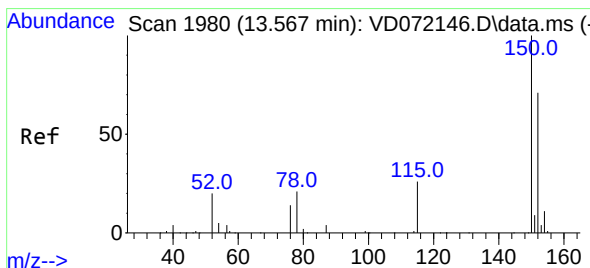
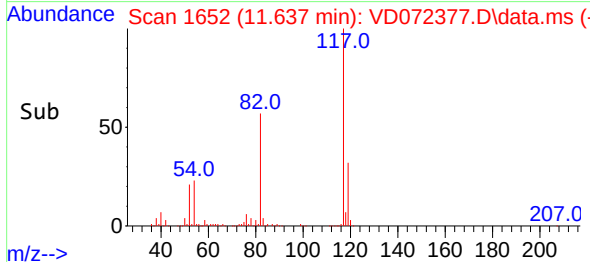
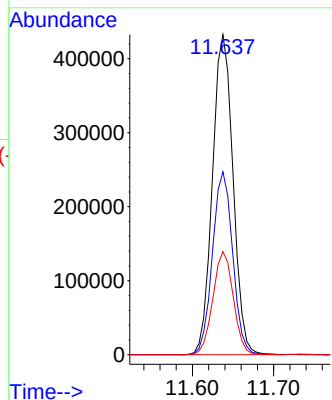


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Instrument :
MSVOA_D
ClientSampleId :

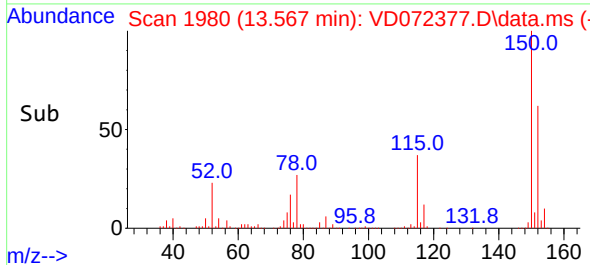
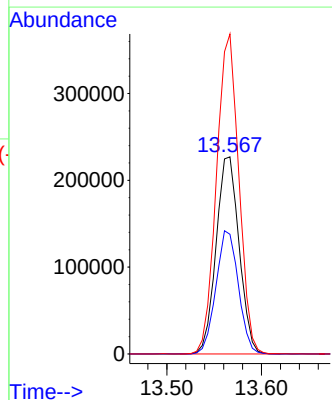
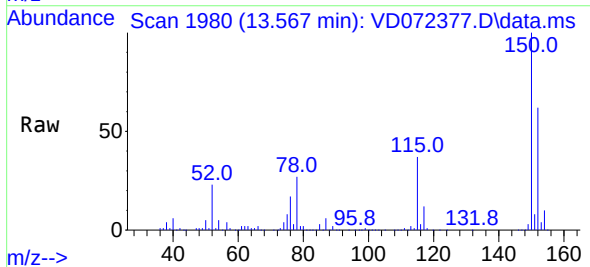


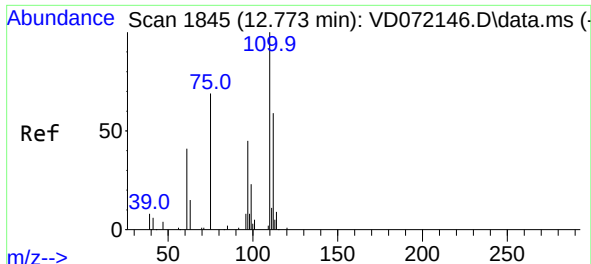
Tgt Ion:117 Resp: 761850
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion:152 Resp: 383604
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.8 0.0 348.6

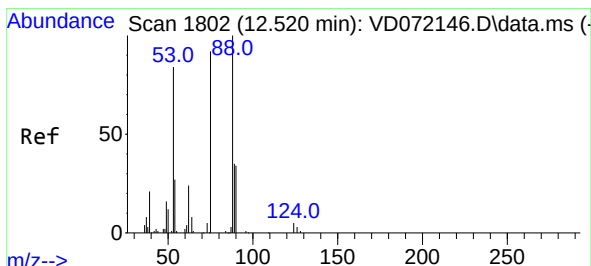
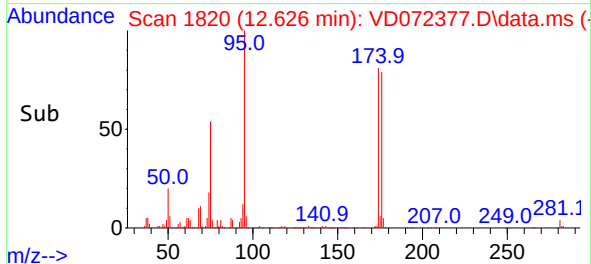
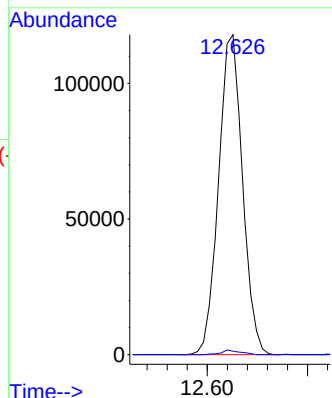
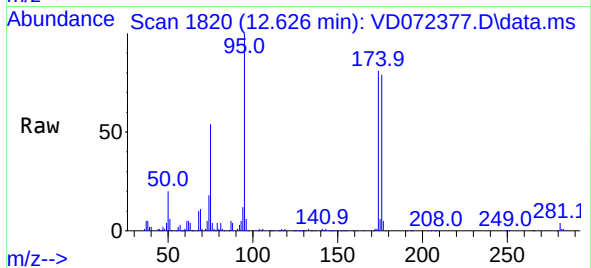




#76
1,2,3-Trichloropropane
Concen: 46.127 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 195187
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.446 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072377.D
Acq: 23 Mar 2022 10:58

Tgt Ion: 75 Resp: 195187
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

