

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072389.D
 Acq On : 23 Mar 2022 17:41
 Operator : VA/SY
 Sample : N2063-09
 Misc : 5.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:53:57 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)

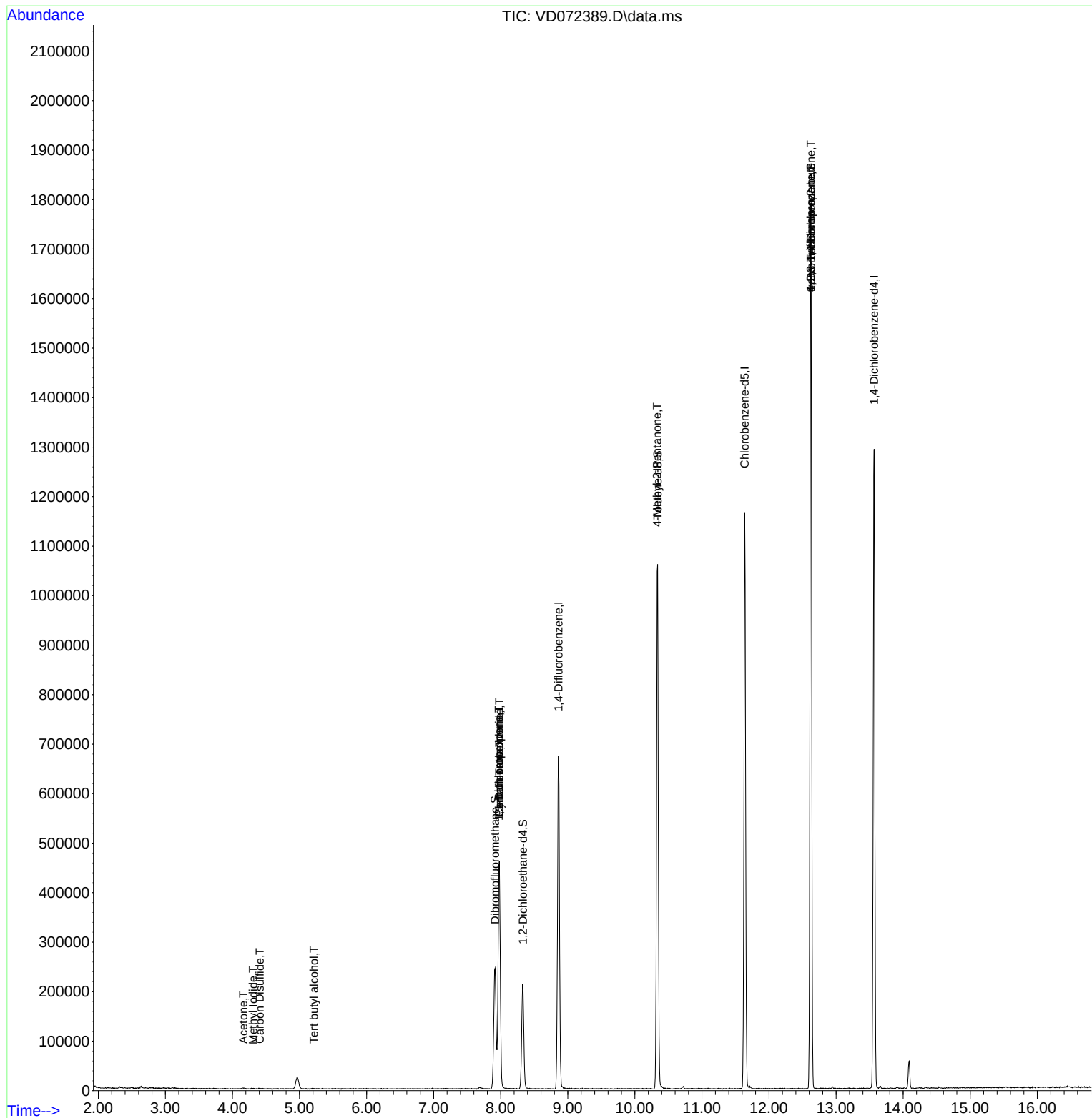
Internal Standards						
1) Pentafluorobenzene	7.979	168	334782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	571957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	647680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	337476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	170476	45.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.380%
35) Dibromofluoromethane	7.914	113	181450	45.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.160%
50) Toluene-d8	10.338	98	729521	49.570	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.626	95	341383	59.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.400%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	690	2.419	ug/l #	38
11) Tert butyl alcohol	5.215	59	665	3.074	ug/l #	74
16) Acetone	4.162	43	3272	4.039	ug/l #	69
17) Carbon Disulfide	4.409	76	992	1.635	ug/l #	74
20) Methylene Chloride	4.967	84	17777	Below Cal		89
31) Cyclohexane	7.979	56	7922	1.359	ug/l #	34
36) 1,1-Dichloropropene	7.973	75	26818	4.750	ug/l #	52
38) Carbon Tetrachloride	7.979	117	35847	5.585	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	3513	1.393	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	185881	49.932	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	185881	123.887	ug/l #	8

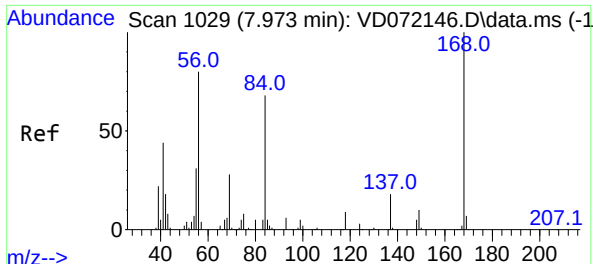
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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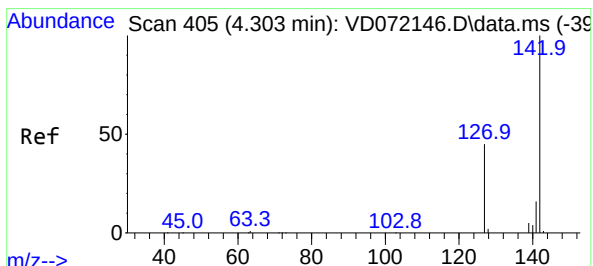
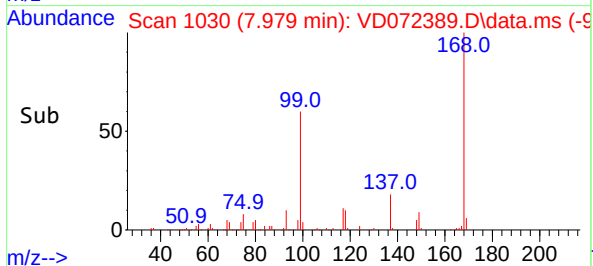
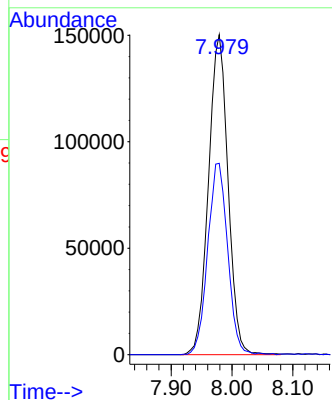
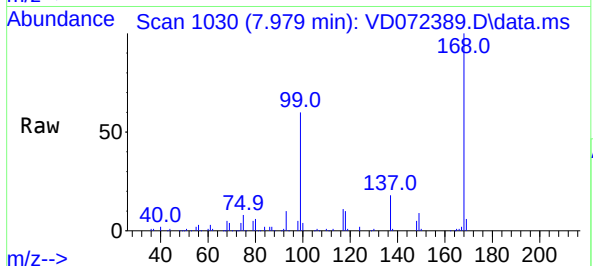




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

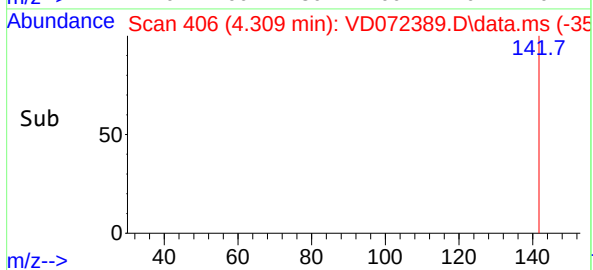
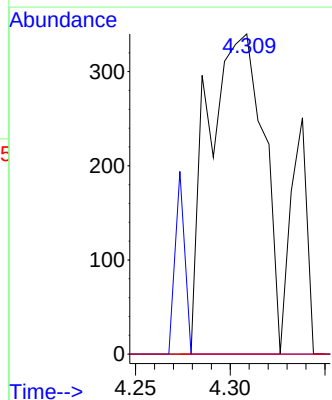
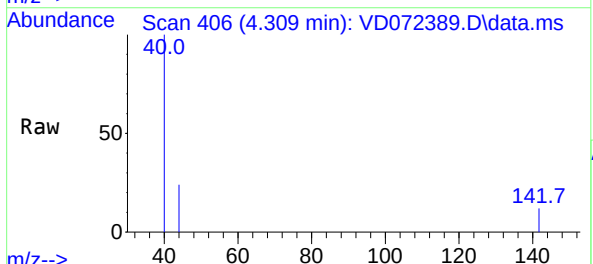
Instrument :
MSVOA_D
ClientSampleId :

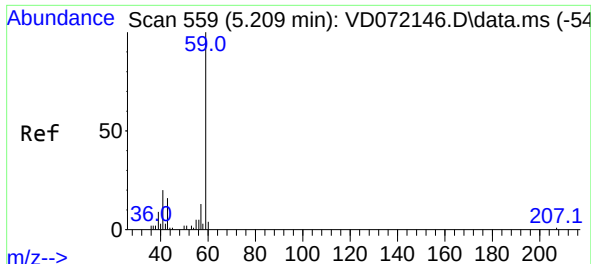
Tgt Ion:168 Resp: 334782
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#10
Methyl Iodide
Concen: 2.419 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

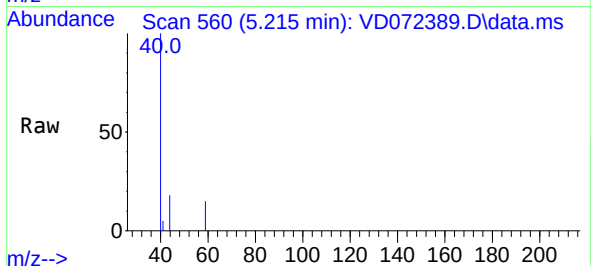
Tgt Ion:142 Resp: 690
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#



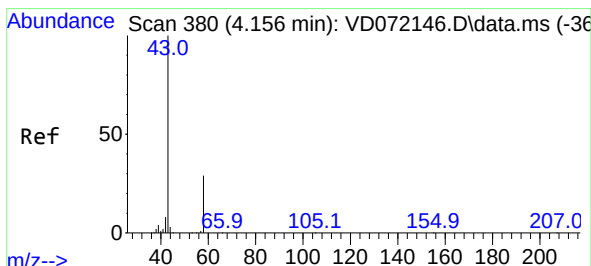
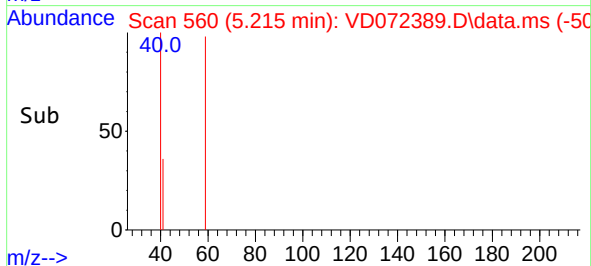
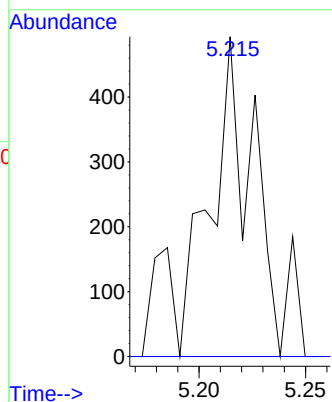


#11
Tert butyl alcohol
Concen: 3.074 ug/l
RT: 5.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Instrument :
MSVOA_D
ClientSampleId :

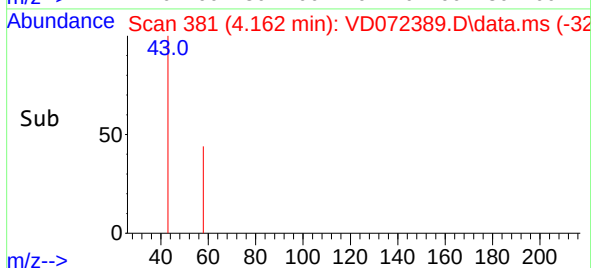
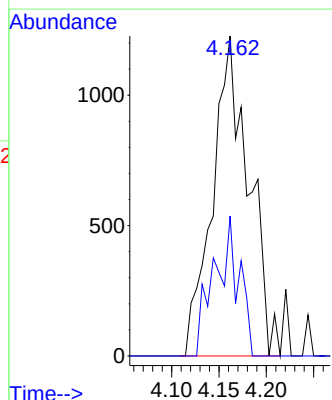
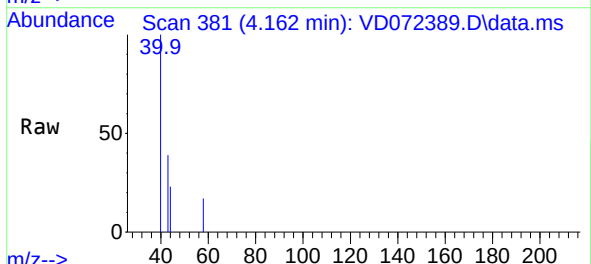


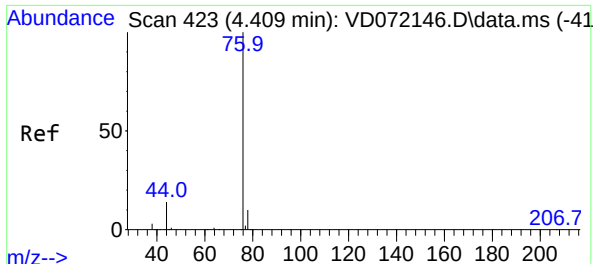
Tgt Ion: 59 Resp: 665
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 4.039 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

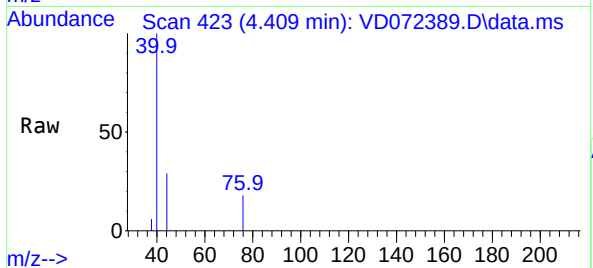
Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 43.8 22.1 33.1#



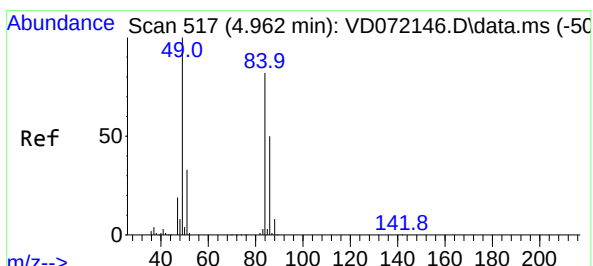
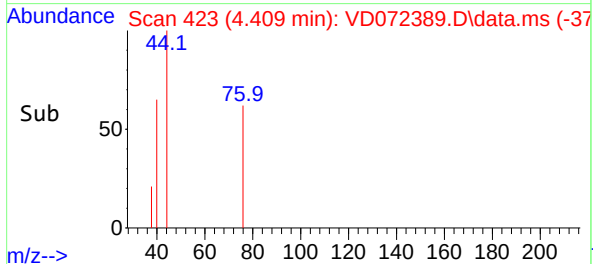
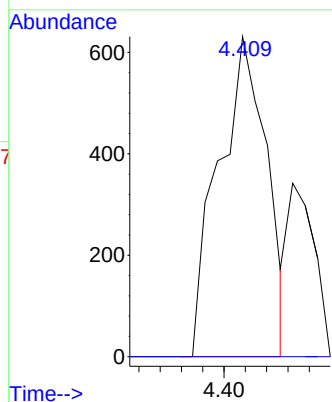


#17
Carbon Disulfide
Concen: 1.635 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Instrument :
MSVOA_D
ClientSampleId :

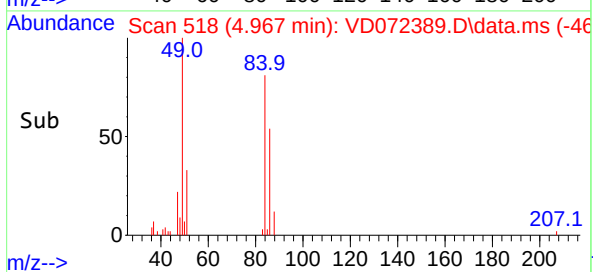
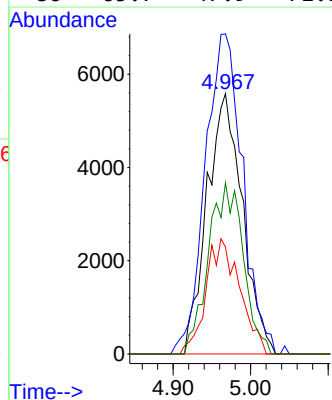
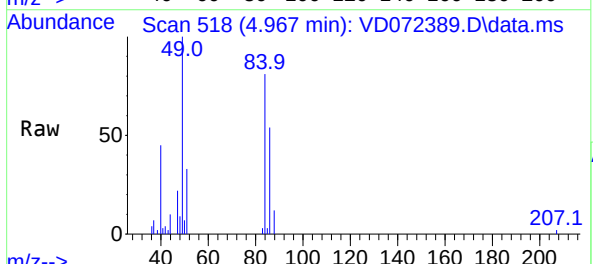


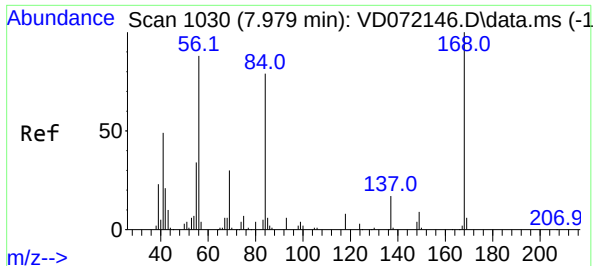
Tgt Ion: 76 Resp: 992
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

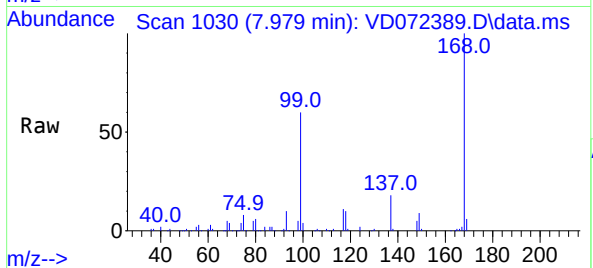
Tgt Ion: 84 Resp: 17777
Ion Ratio Lower Upper
84 100
49 122.8 112.8 169.2
51 40.9 32.6 48.8
86 65.7 47.9 71.9



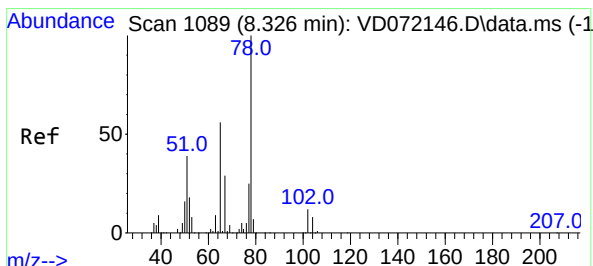
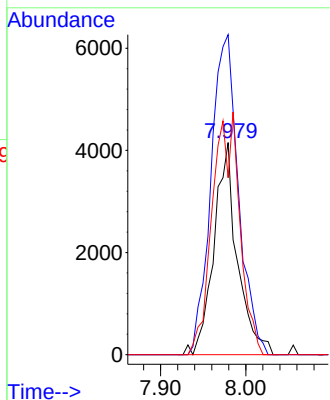
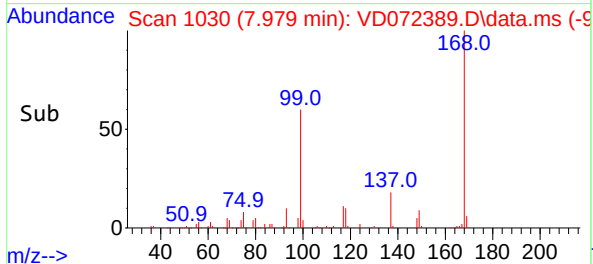


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

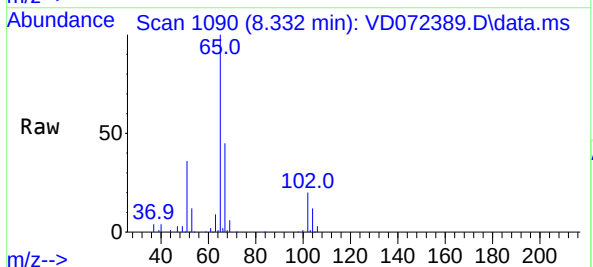
Instrument :
MSVOA_D
ClientSampleId :



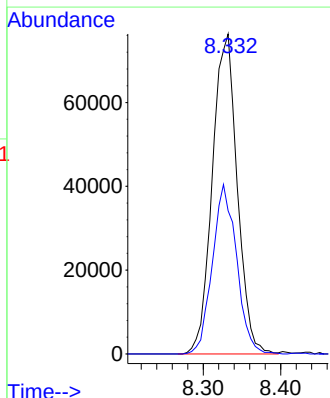
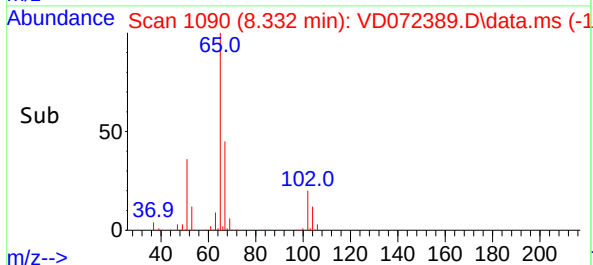
Tgt Ion: 56 Resp: 7922
Ion Ratio Lower Upper
56 100
69 150.9 25.4 38.2#
84 83.5 63.0 94.4

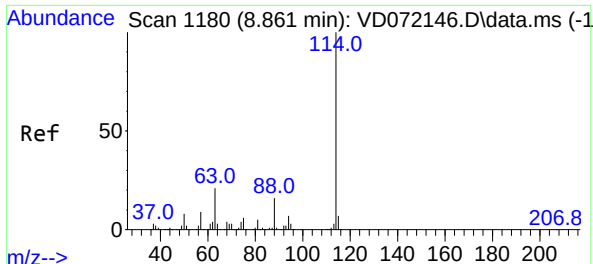


#33
1,2-Dichloroethane-d4
Concen: 45.692 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41



Tgt Ion: 65 Resp: 170476
Ion Ratio Lower Upper
65 100
67 51.5 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: VD072389.D

Acq: 23 Mar 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

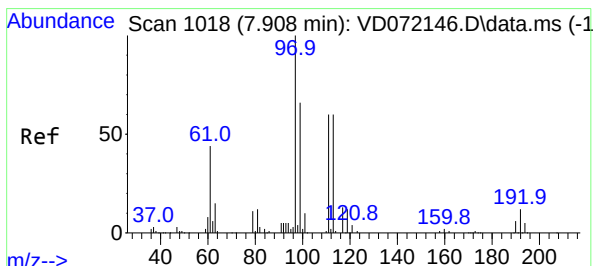
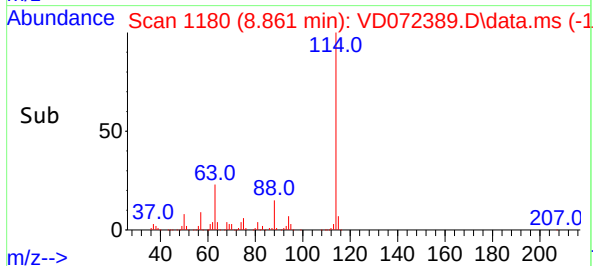
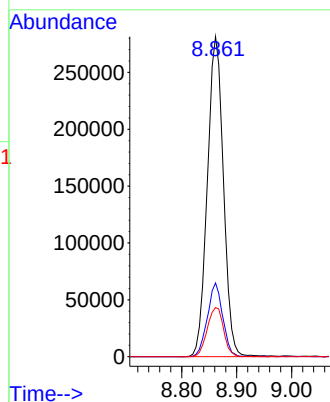
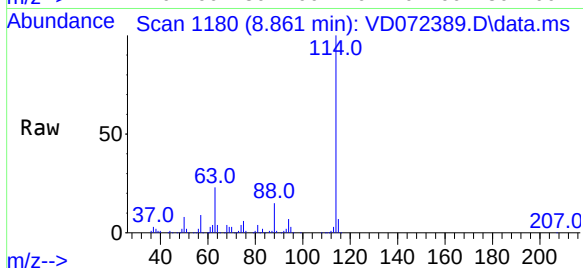
Tgt Ion:114 Resp: 571957

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.082 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072389.D

Acq: 23 Mar 2022 17:41

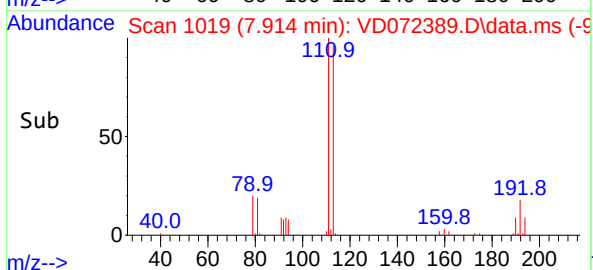
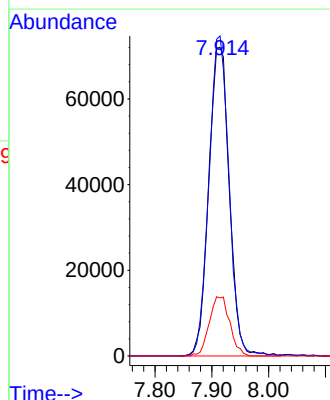
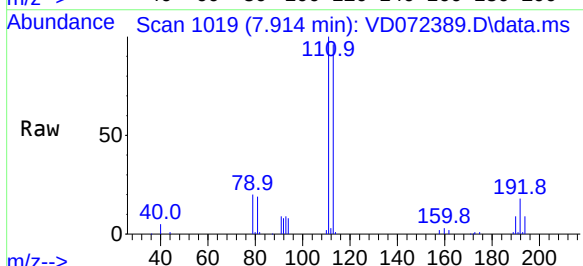
Tgt Ion:113 Resp: 181450

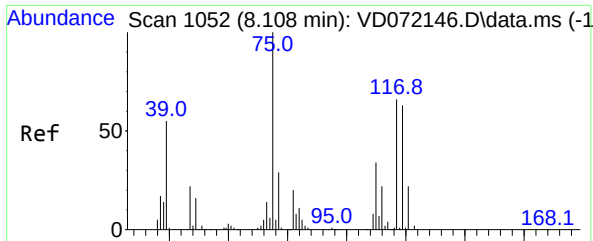
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

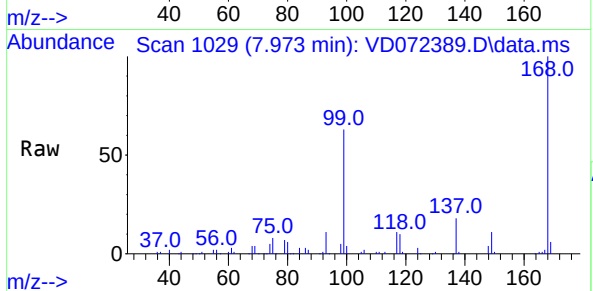
192 19.0 14.6 21.8



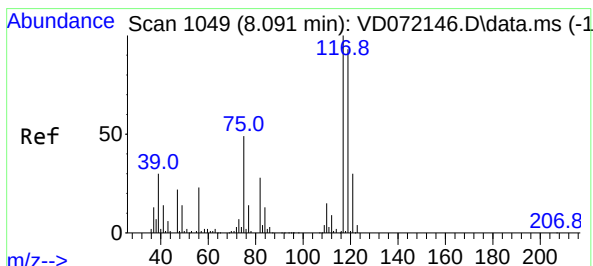
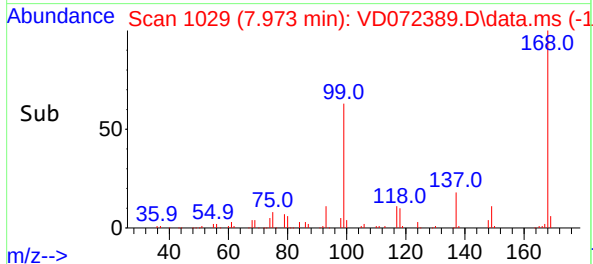
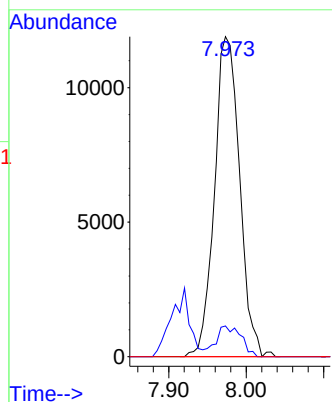


#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Instrument :
MSVOA_D
ClientSampleId :

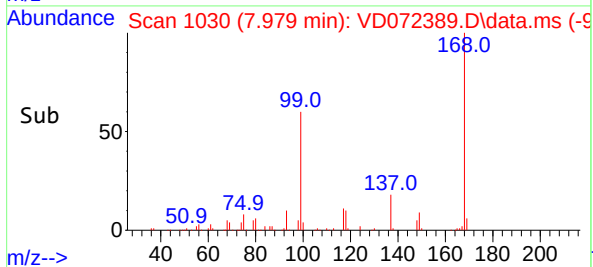
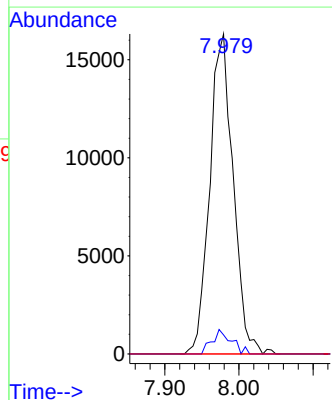
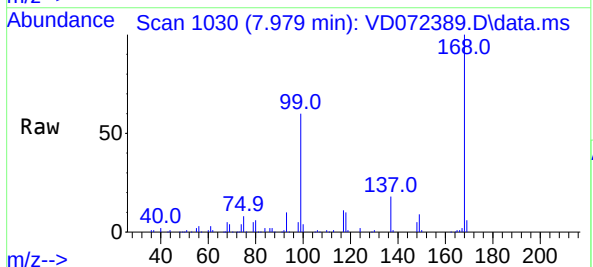


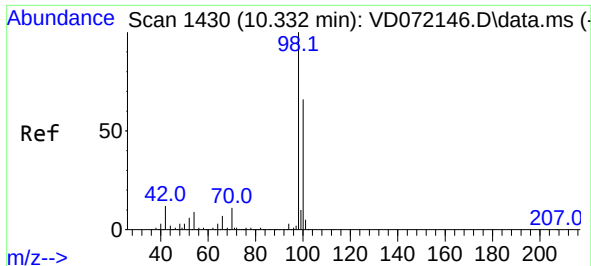
Tgt Ion: 75 Resp: 26818
Ion Ratio Lower Upper
75 100
110 9.7 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Tgt Ion: 117 Resp: 35847
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.5 36.7#

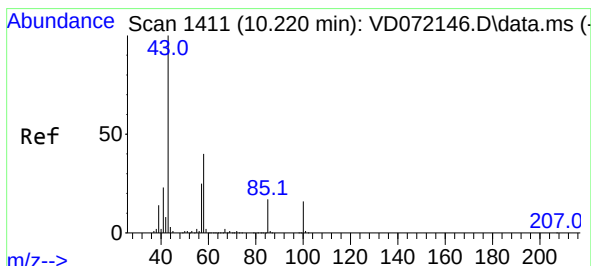
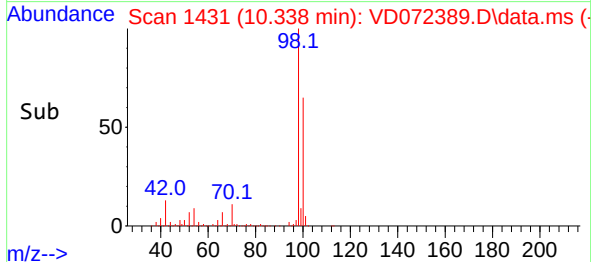
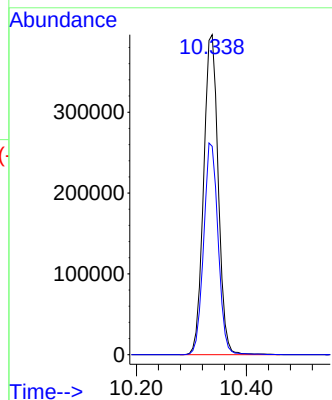
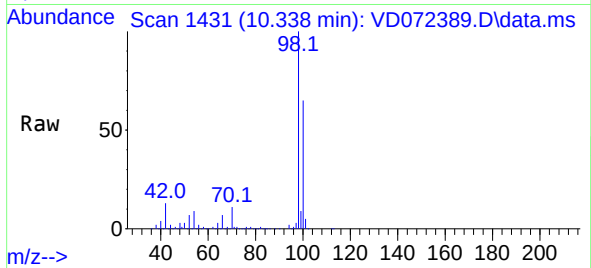




#50
Toluene-d8
Concen: 49.570 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

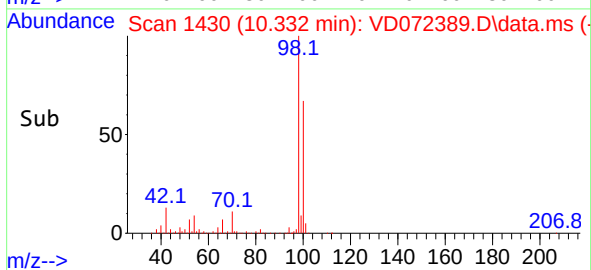
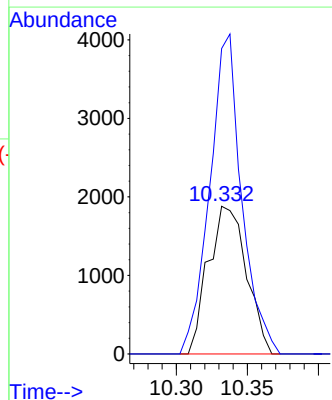
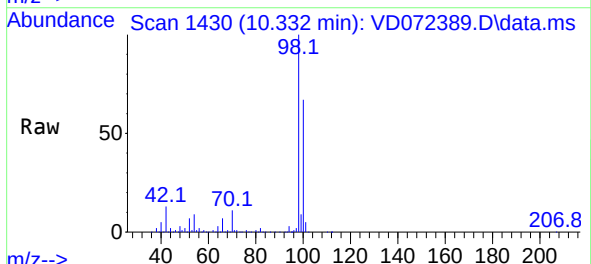
Instrument :
MSVOA_D
ClientSampleId :

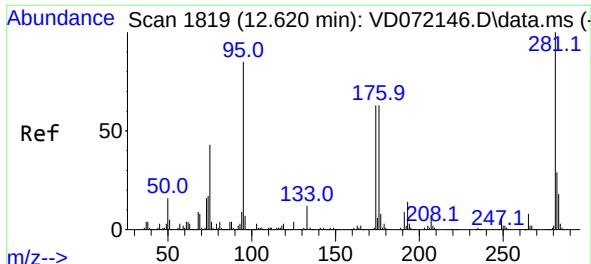
Tgt Ion: 98 Resp: 729521
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.393 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Tgt Ion: 43 Resp: 3513
Ion Ratio Lower Upper
43 100
58 181.5 28.6 43.0#





#62

4-Bromofluorobenzene

Concen: 59.699 ug/l

RT: 12.626 min Scan# 1819

Delta R.T. 0.006 min

Lab File: VD072389.D

Acq: 23 Mar 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

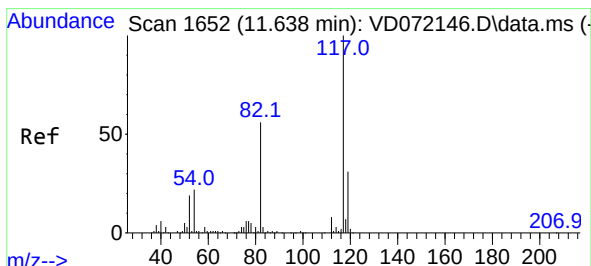
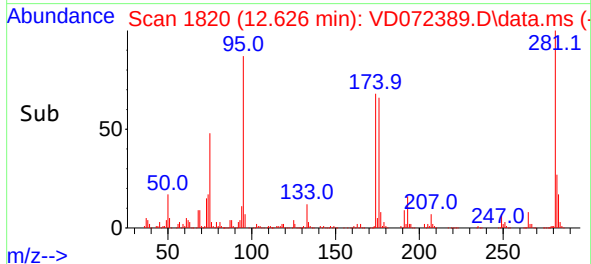
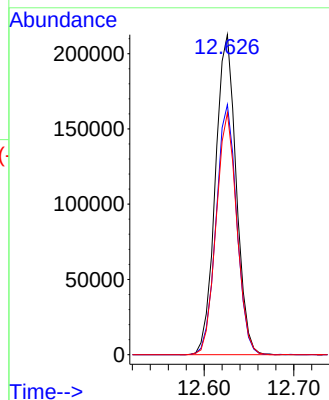
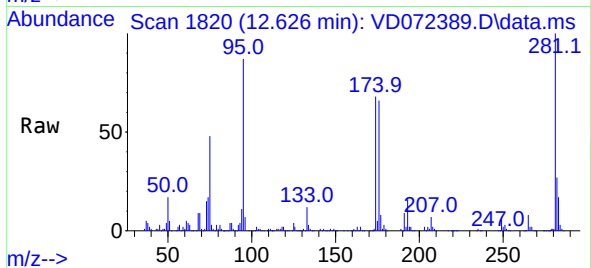
Tgt Ion: 95 Resp: 341383

Ion Ratio Lower Upper

95 100

174 77.3 0.0 152.8

176 75.0 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: VD072389.D

Acq: 23 Mar 2022 17:41

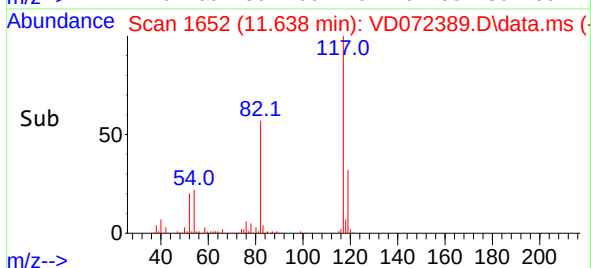
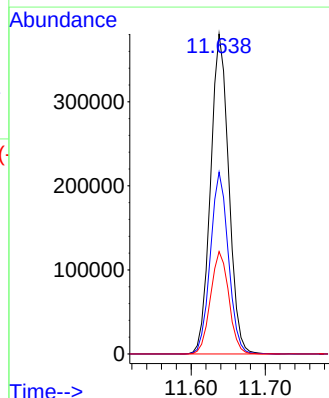
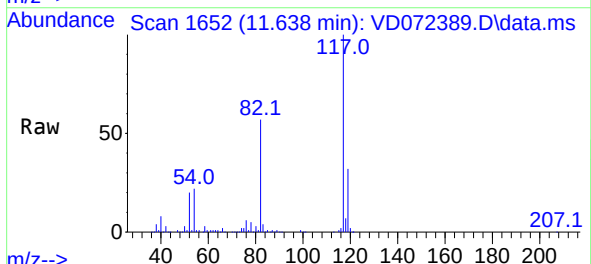
Tgt Ion: 117 Resp: 647680

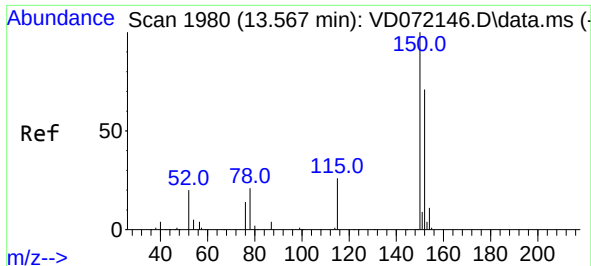
Ion Ratio Lower Upper

117 100

82 56.8 45.3 67.9

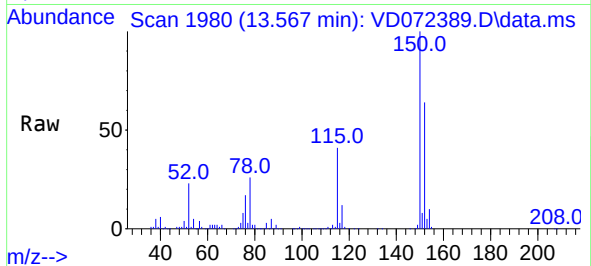
119 32.0 26.6 40.0



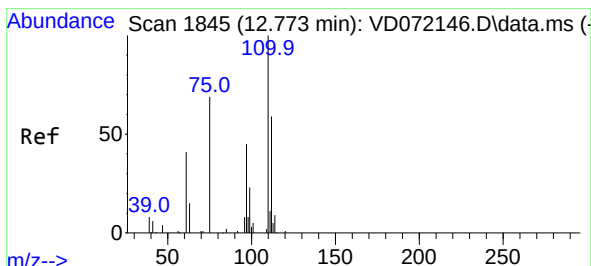
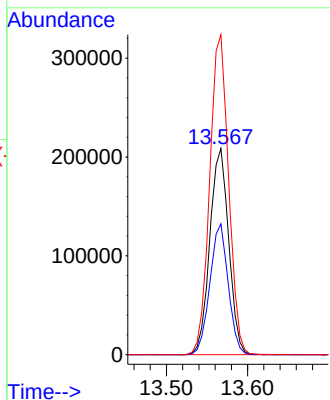
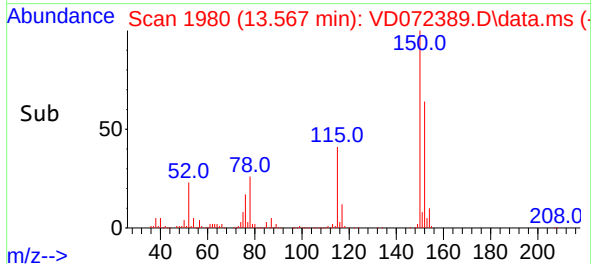


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Instrument :
MSVOA_D
ClientSampleId :

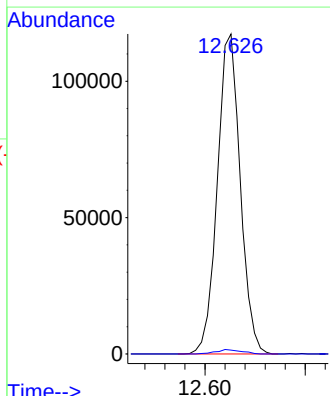
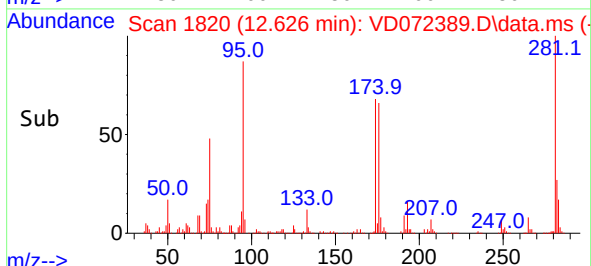
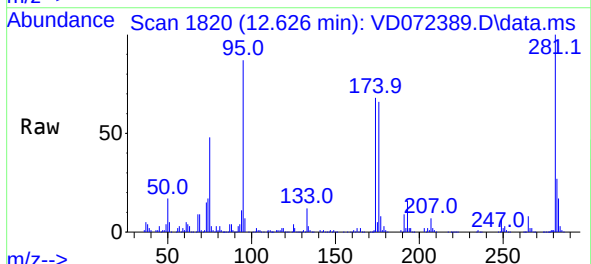


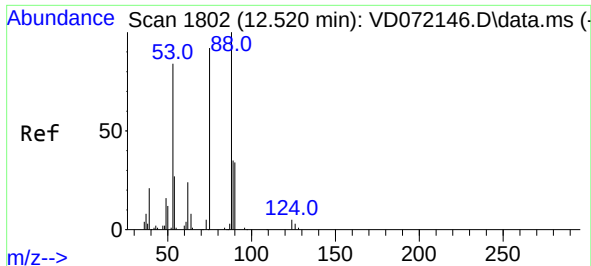
Tgt Ion:152 Resp: 337476
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 155.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 49.932 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

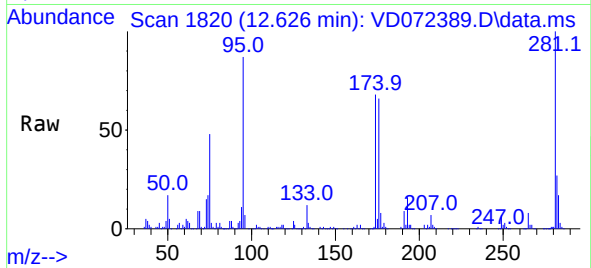
Tgt Ion: 75 Resp: 185881
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.887 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD072389.D
Acq: 23 Mar 2022 17:41

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 185881
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 2.1 33.9 50.9#

