

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072388.D
 Acq On : 23 Mar 2022 17:13
 Operator : VA/SY
 Sample : N2063-08
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:53:40 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	345626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	586986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	665583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	344575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182868	47.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.960%
35) Dibromofluoromethane	7.914	113	187454	45.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.760%
50) Toluene-d8	10.338	98	750690	49.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.626	95	356611	60.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.540%

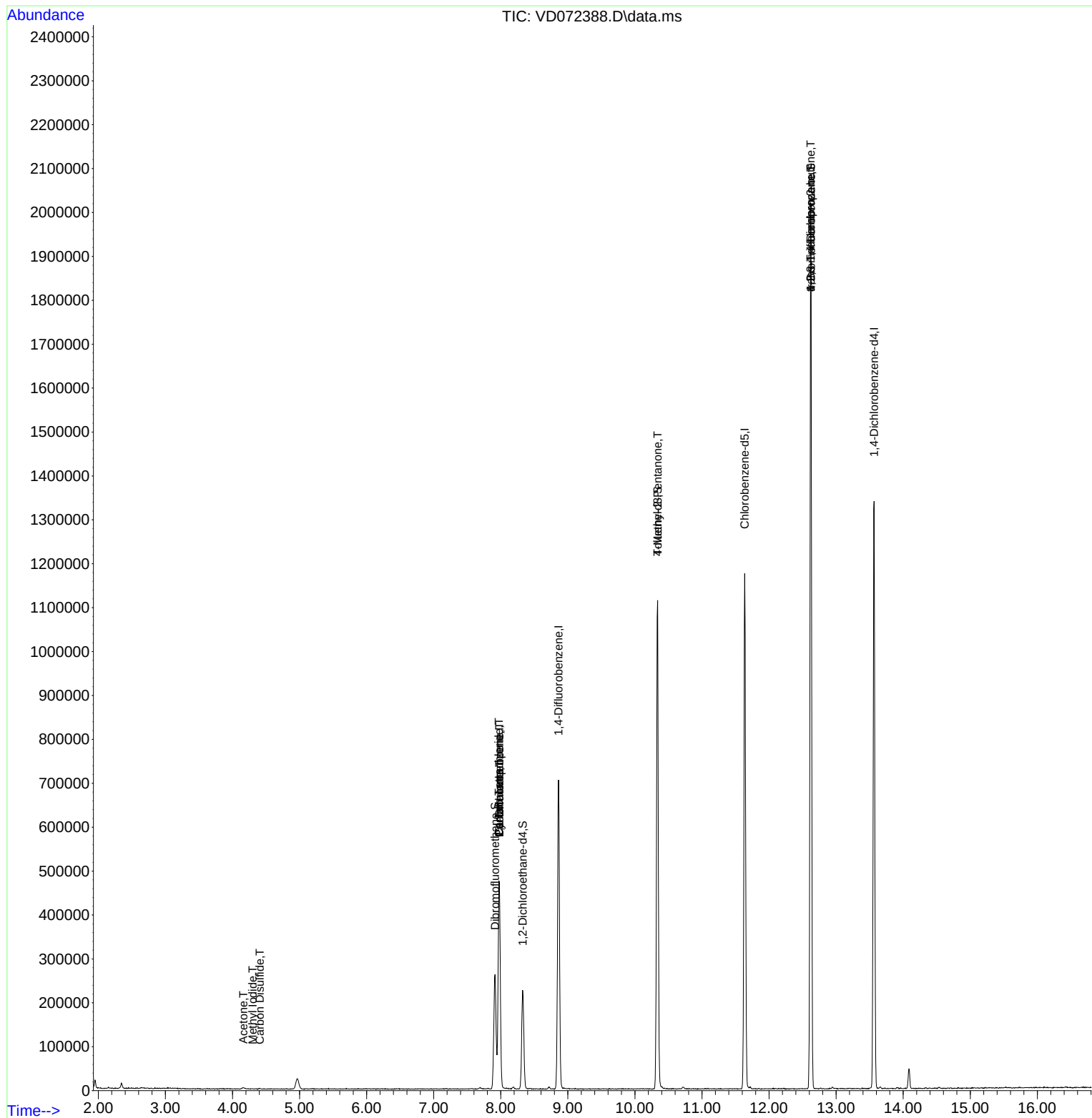
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	154	2.268	ug/l #	38
16) Acetone	4.162	43	4521	5.406	ug/l #	80
17) Carbon Disulfide	4.409	76	1120	1.647	ug/l #	74
20) Methylene Chloride	4.973	84	18234	Below Cal	#	80
31) Cyclohexane	7.979	56	8784	1.460	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	28974	5.000	ug/l #	50
38) Carbon Tetrachloride	7.973	117	37264	5.657	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	3538	1.367	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	194605	51.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	194605	127.029	ug/l #	8

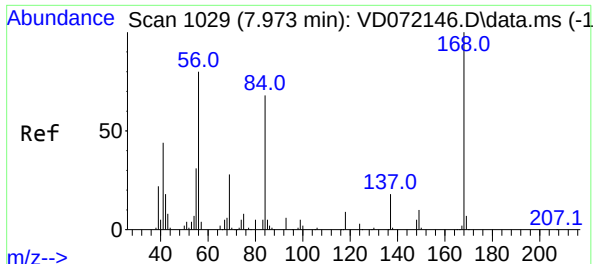
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 00:53:40 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

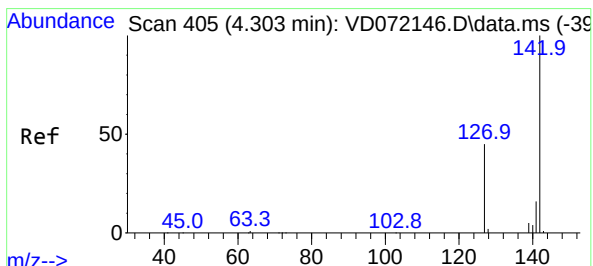
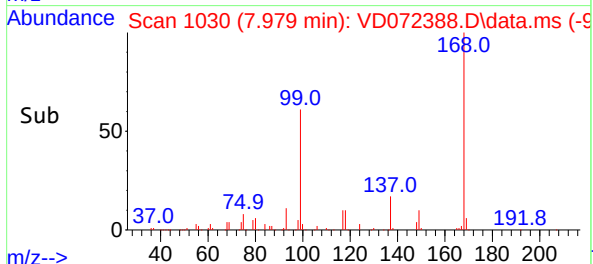
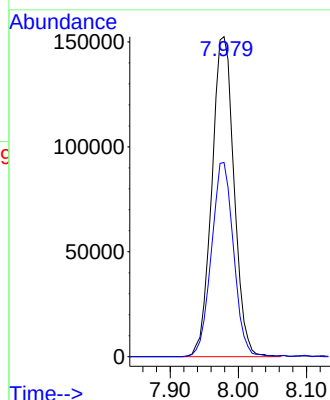
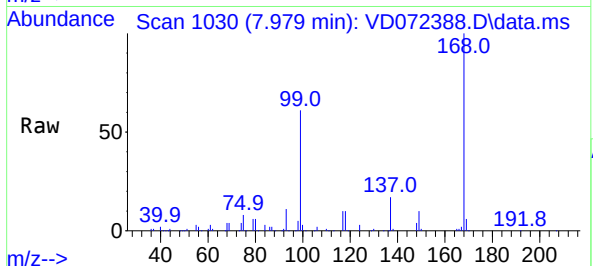




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

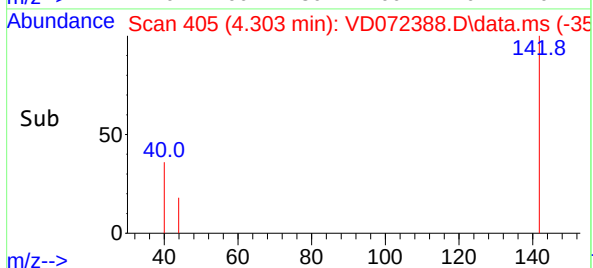
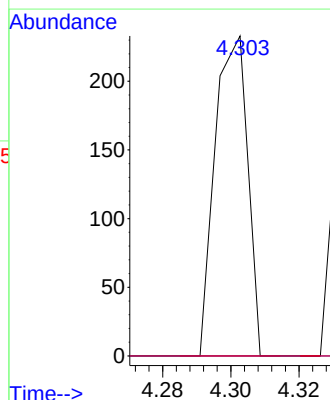
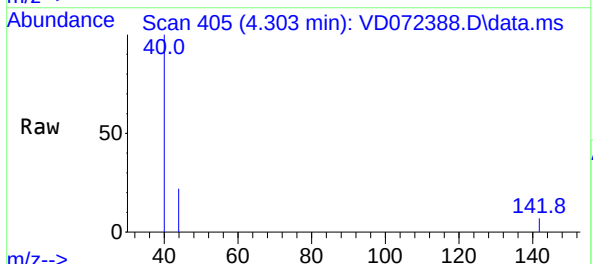
Instrument :
MSVOA_D
ClientSampleId :

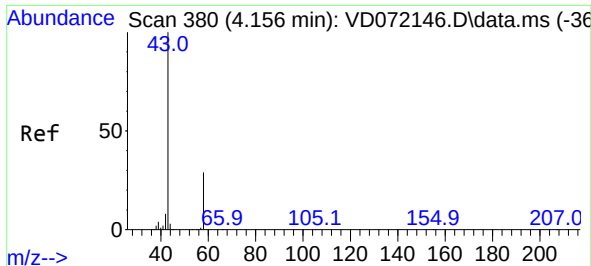
Tgt Ion:168 Resp: 345626
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#10
Methyl Iodide
Concen: 2.268 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

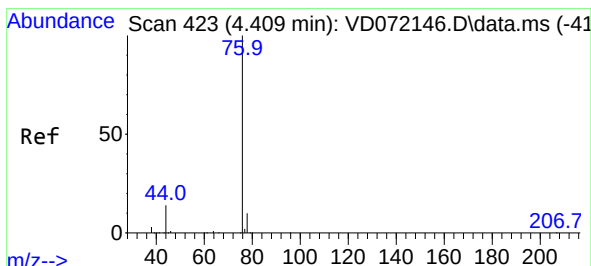
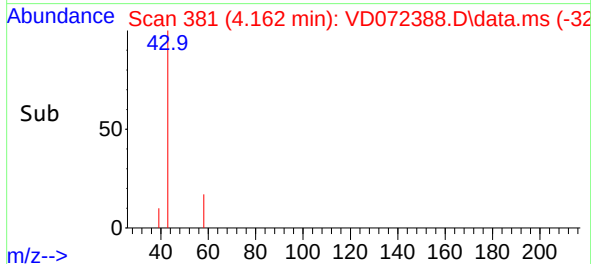
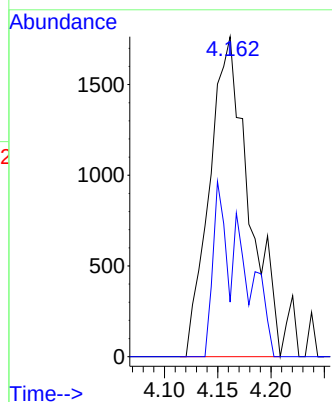
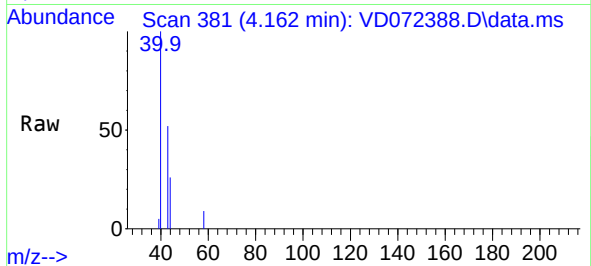




#16
Acetone
Concen: 5.406 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

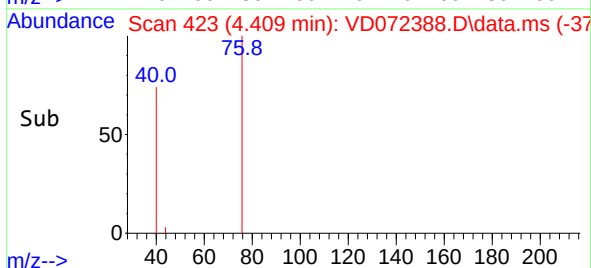
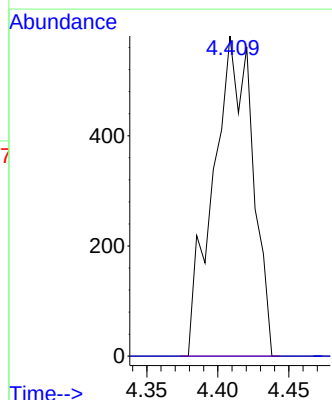
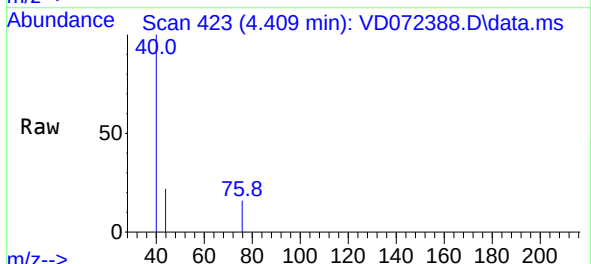
Instrument :
MSVOA_D
ClientSampleId :

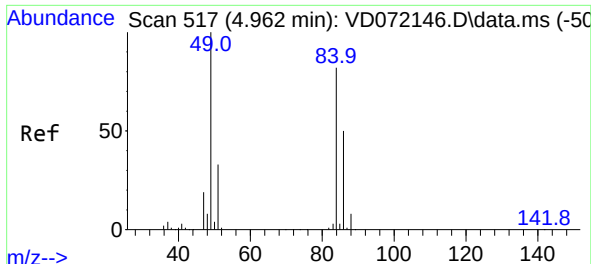
Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
58 17.1 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.647 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

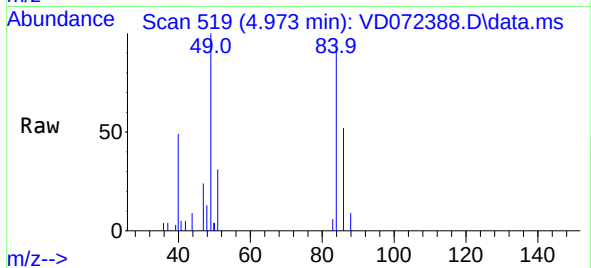
Tgt Ion: 76 Resp: 1120
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



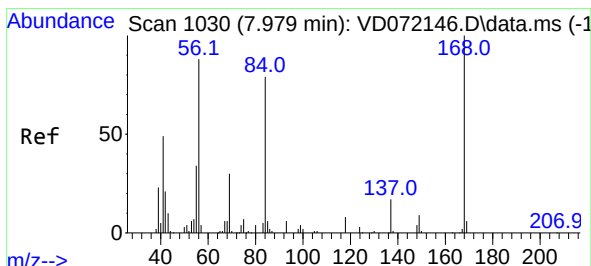
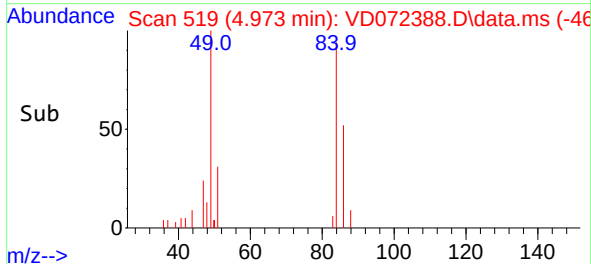
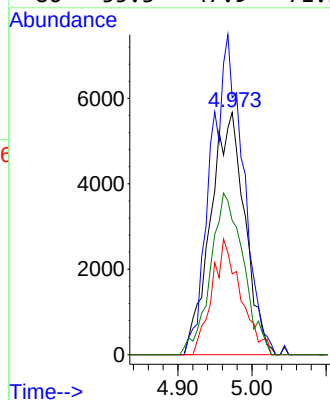


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :

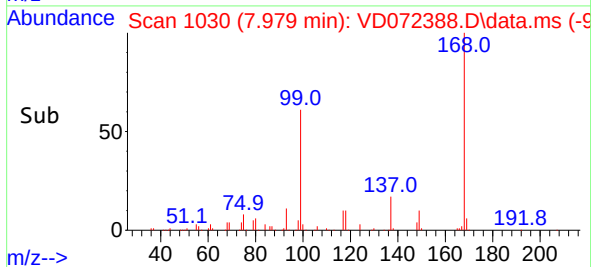
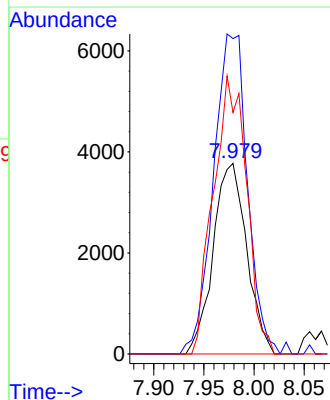
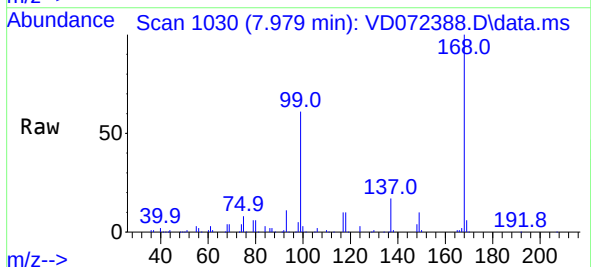


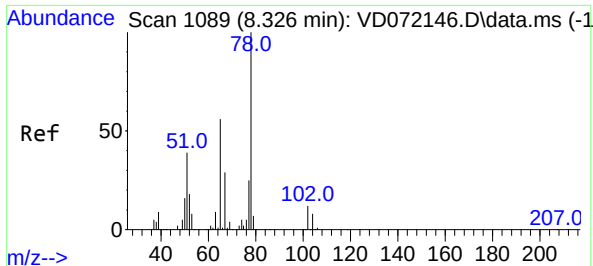
Tgt Ion: 84 Resp: 18234
Ion Ratio Lower Upper
84 100
49 106.1 112.8 169.2#
51 33.3 32.6 48.8
86 55.3 47.9 71.9



#31
Cyclohexane
Concen: 1.460 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Tgt Ion: 56 Resp: 8784
Ion Ratio Lower Upper
56 100
69 165.4 25.4 38.2#
84 126.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.476 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072388.D

Acq: 23 Mar 2022 17:13

Instrument :

MSVOA_D

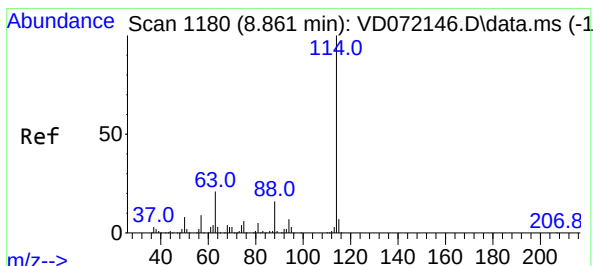
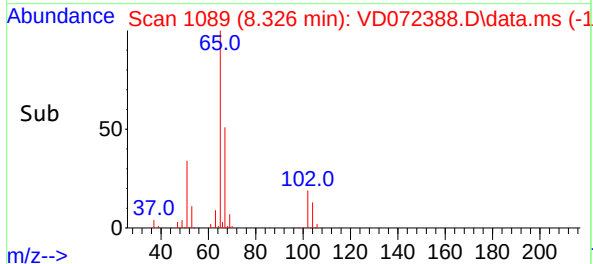
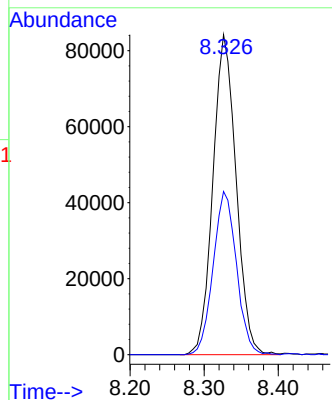
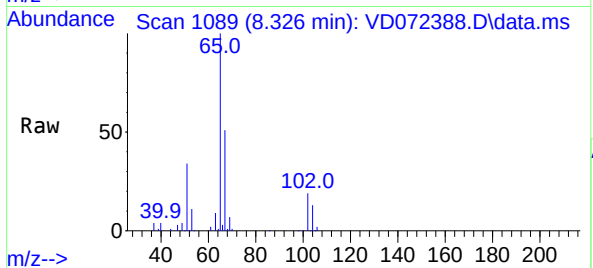
ClientSampleId :

Tgt Ion: 65 Resp: 182868

Ion Ratio Lower Upper

65 100

67 51.3 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: VD072388.D

Acq: 23 Mar 2022 17:13

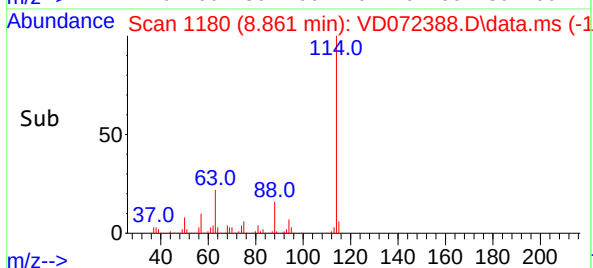
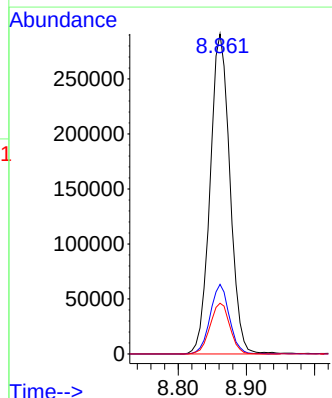
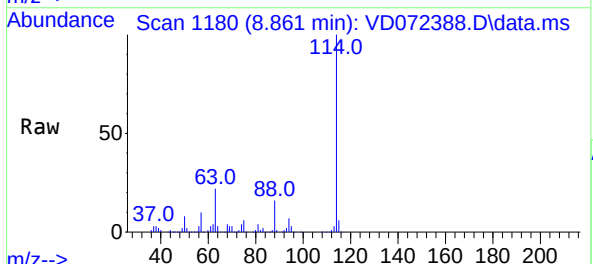
Tgt Ion: 114 Resp: 586986

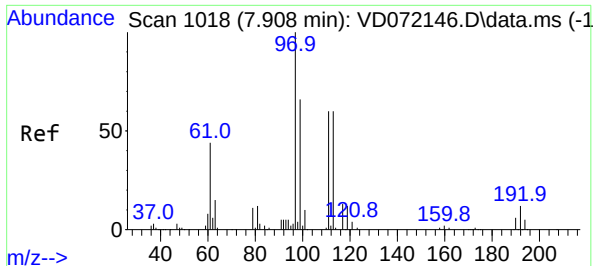
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

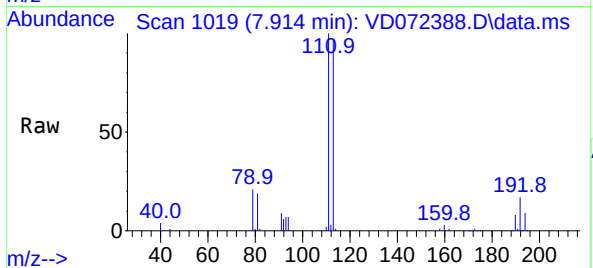
88 15.8 0.0 33.2



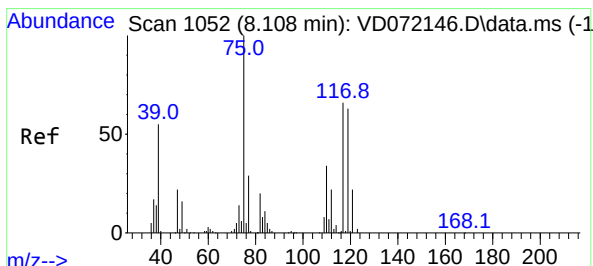
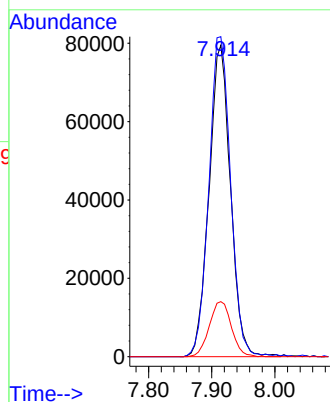
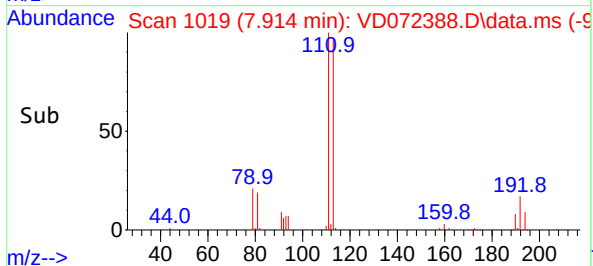


#35
Dibromofluoromethane
Concen: 45.381 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :

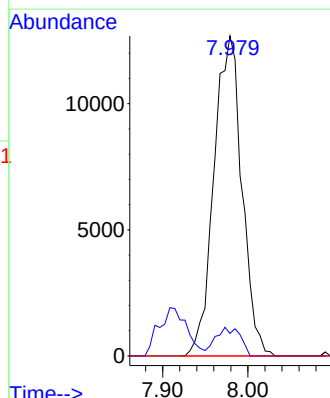
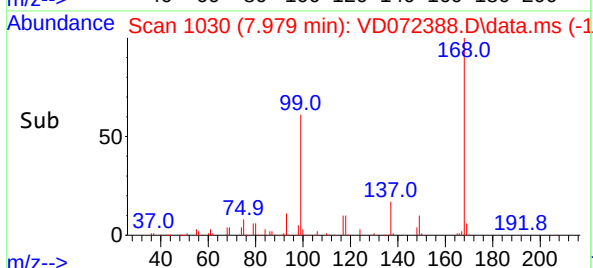
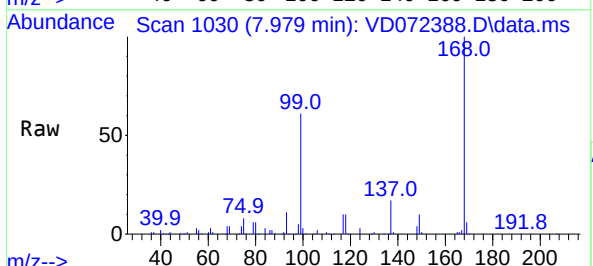


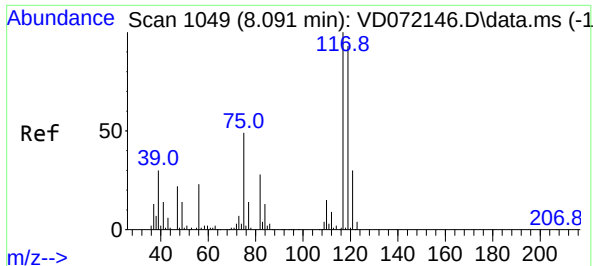
Tgt Ion:113 Resp: 187454
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Tgt Ion: 75 Resp: 28974
Ion Ratio Lower Upper
75 100
110 7.8 16.4 49.1#
77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 5.657 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

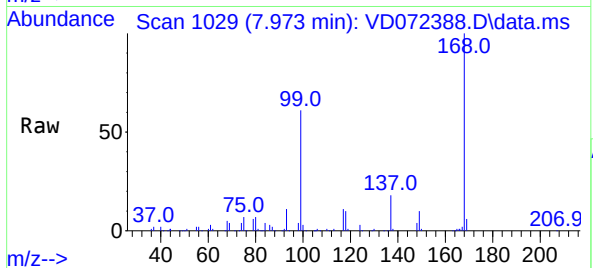
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Acq: 23 Mar 2022 17:13

Instrument :

MSVOA_D

ClientSampleId :



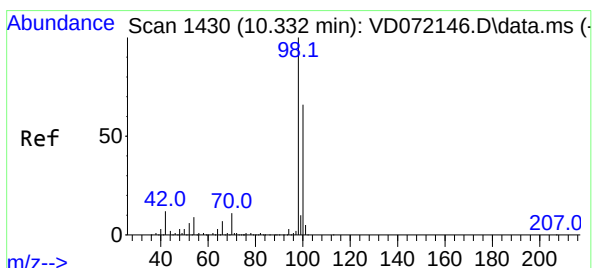
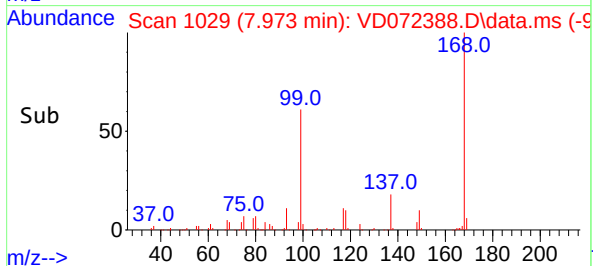
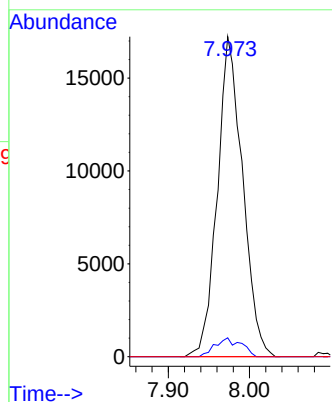
Tgt Ion:117 Resp: 37264

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 49.702 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072388.D

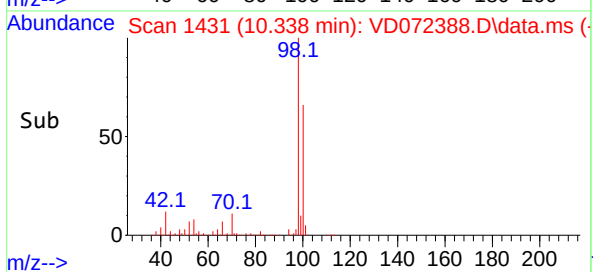
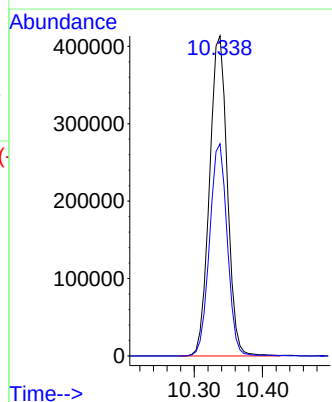
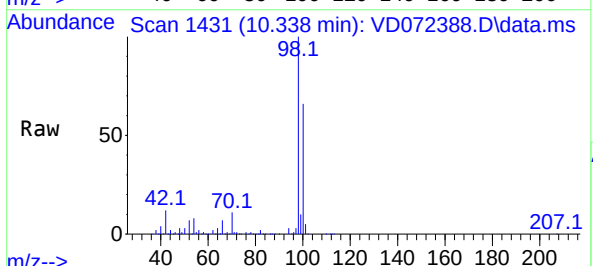
Acq: 23 Mar 2022 17:13

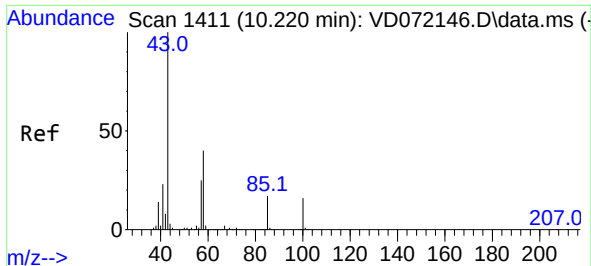
Tgt Ion: 98 Resp: 750690

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

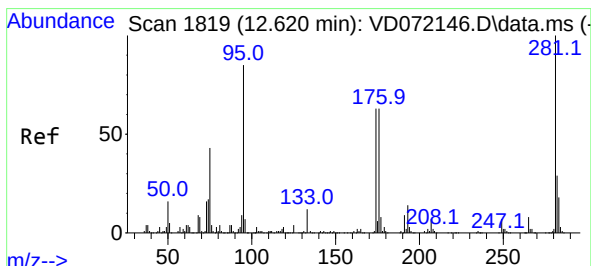
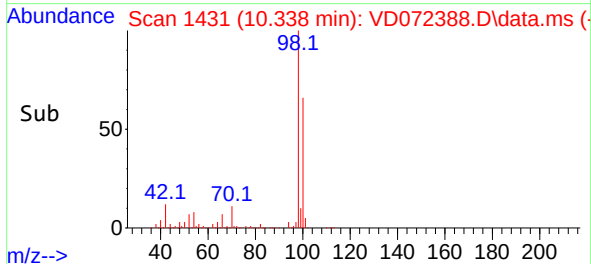
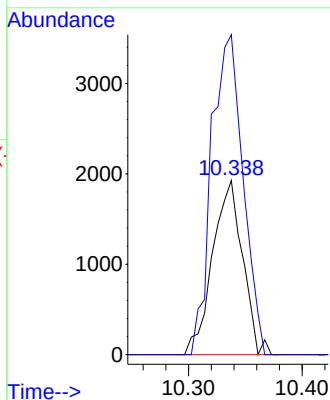
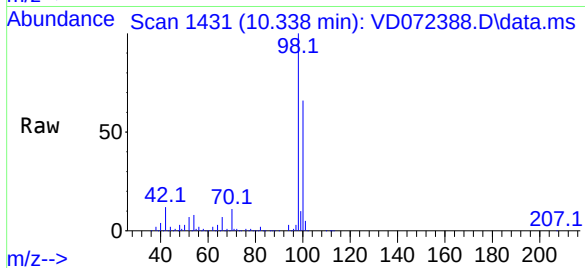




#51
4-Methyl-2-Pentanone
Concen: 1.367 ug/l
RT: 10.338 min Scan# 1411
Delta R.T. 0.118 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

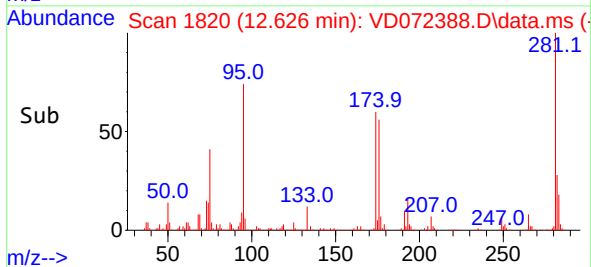
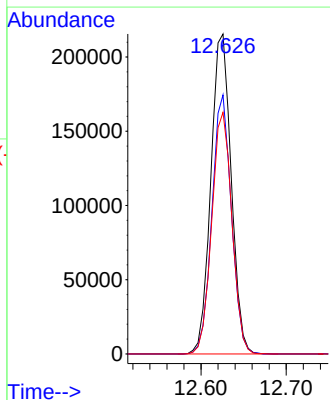
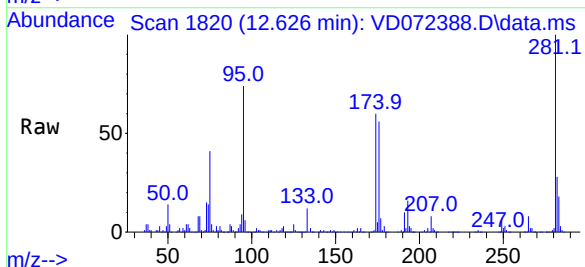
Instrument :
MSVOA_D
ClientSampleId :

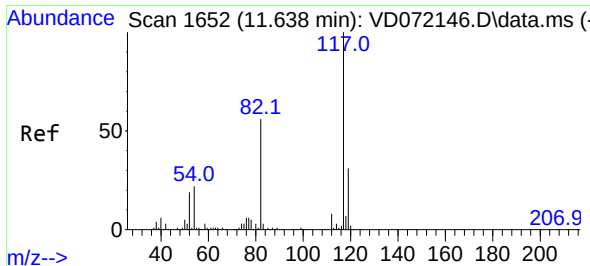
Tgt Ion: 43 Resp: 3538
Ion Ratio Lower Upper
43 100
58 192.7 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 60.765 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

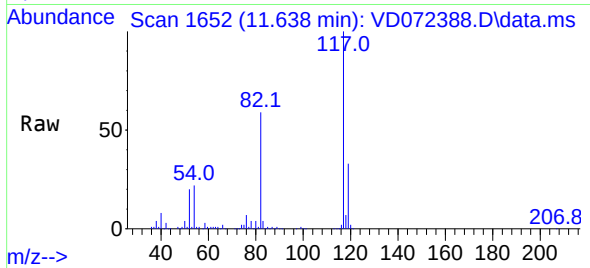
Tgt Ion: 95 Resp: 356611
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.9 0.0 145.4



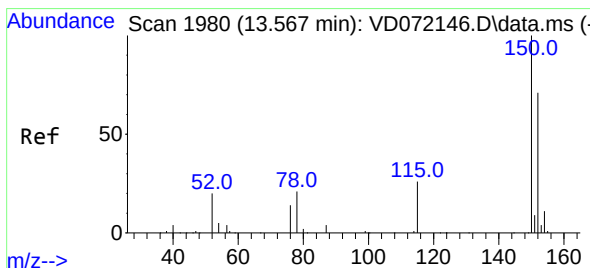
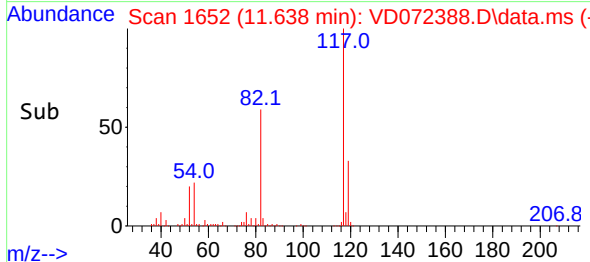
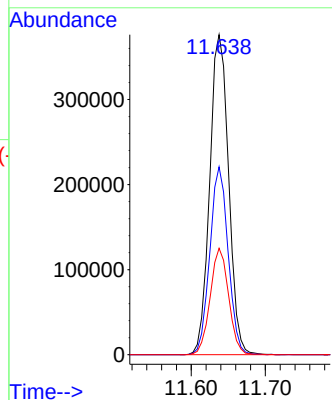


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :

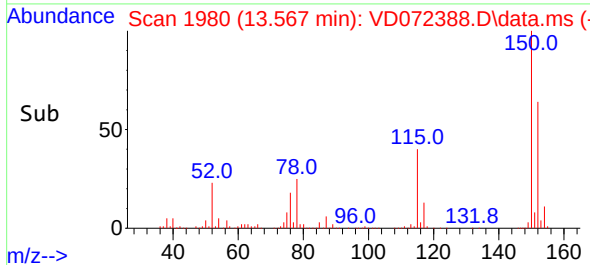
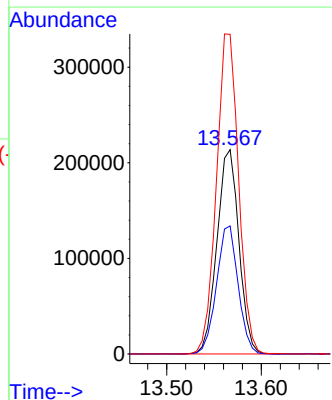
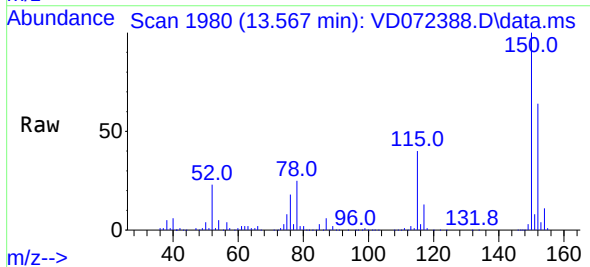


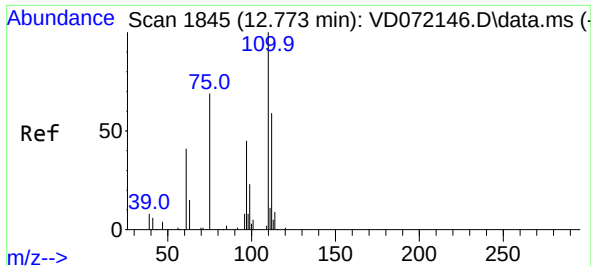
Tgt Ion:117 Resp: 665583
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 33.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Tgt Ion:152 Resp: 344575
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 158.1 0.0 348.6

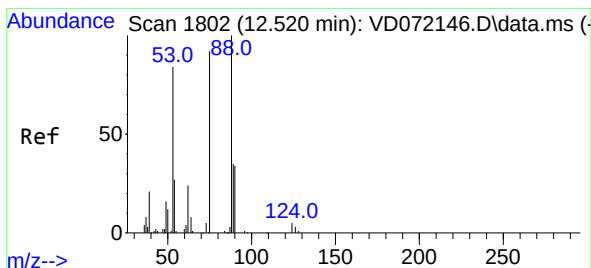
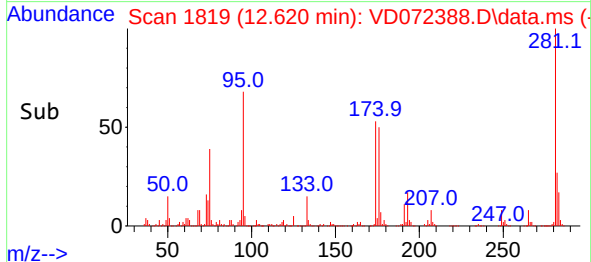
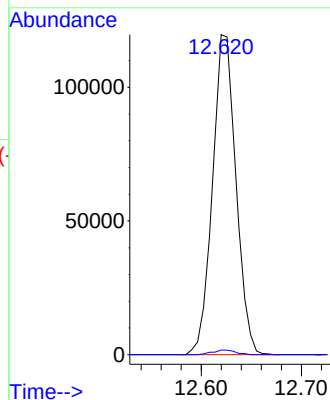
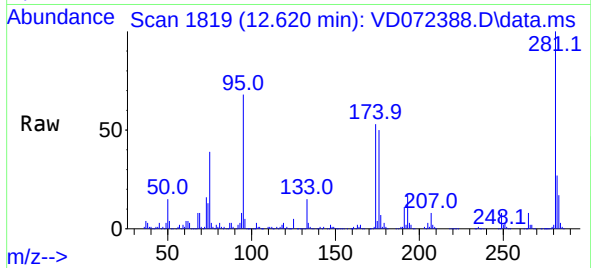




#76
1,2,3-Trichloropropane
Concen: 51.199 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 194605
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.029 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072388.D
Acq: 23 Mar 2022 17:13

Tgt Ion: 75 Resp: 194605
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 2.2 33.9 50.9#

