

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072230.D
 Acq On : 16 Mar 2022 20:51
 Operator : VA/SY
 Sample : N1894-02
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2(0-5)

Quant Time: Mar 17 02:29:20 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)

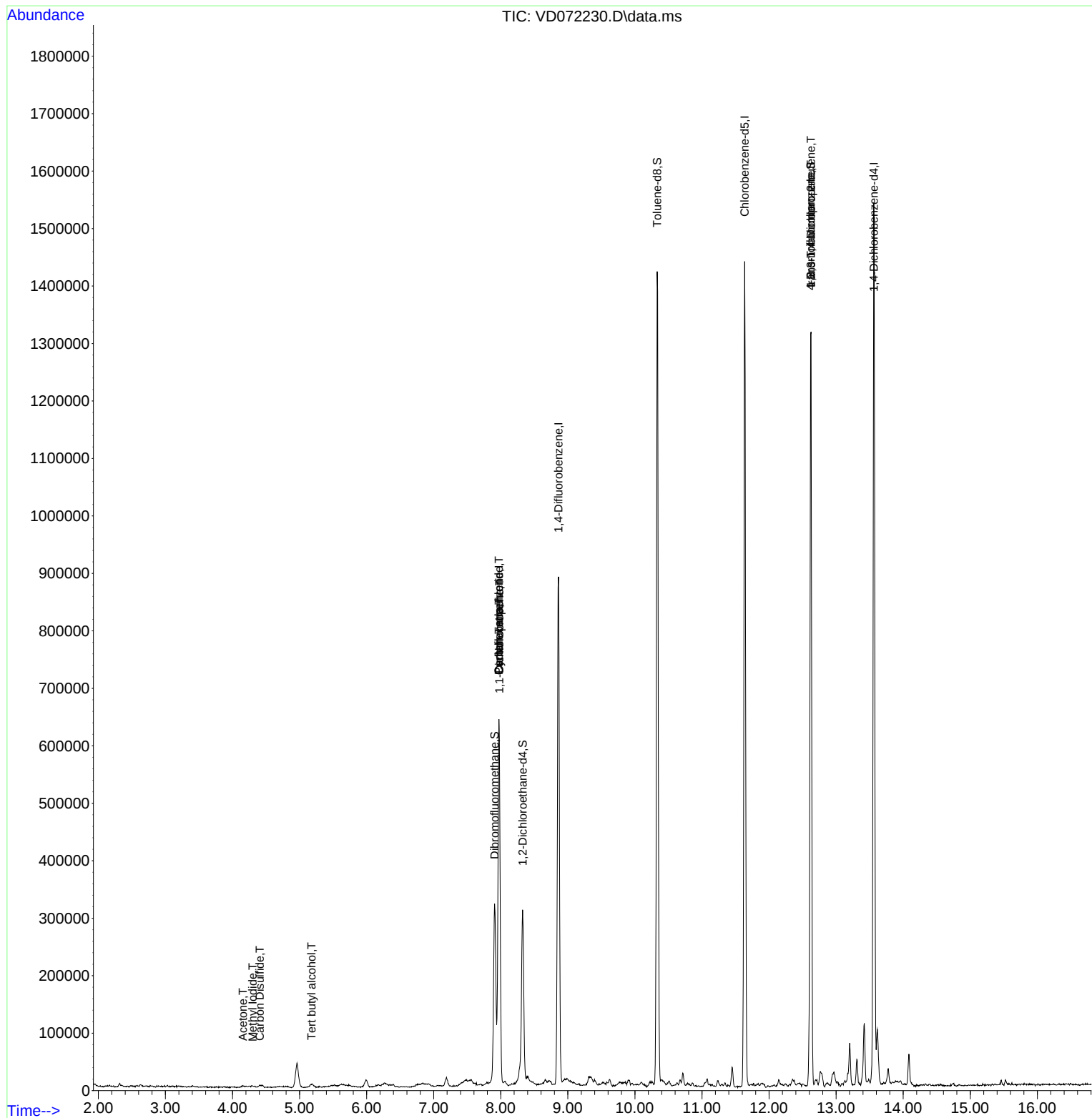
Internal Standards						
1) Pentafluorobenzene	7.973	168	459691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	771454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	816199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	413331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229229	44.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.500%
35) Dibromofluoromethane	7.908	113	232101	42.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.500%
50) Toluene-d8	10.332	98	952401	47.979	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.620	95	408637	52.981	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.960%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	889	2.407	ug/l #	67
11) Tert butyl alcohol	5.179	59	7133	24.014	ug/l #	74
16) Acetone	4.156	43	3212	2.888	ug/l #	74
17) Carbon Disulfide	4.409	76	5116	2.004	ug/l	98
20) Methylene Chloride	4.967	84	30473	Below Cal	#	84
31) Cyclohexane	7.973	56	10178	1.272	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	37403	4.911	ug/l #	52
38) Carbon Tetrachloride	7.973	117	49097	5.671	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	205786	45.134	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	205786	111.983	ug/l #	7

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

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ClientSampleId :
TP2(0-5)

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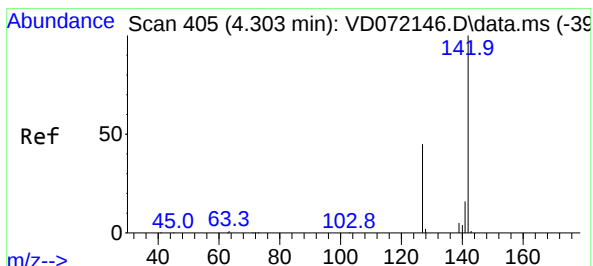
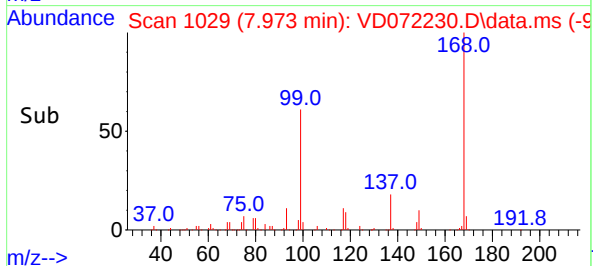
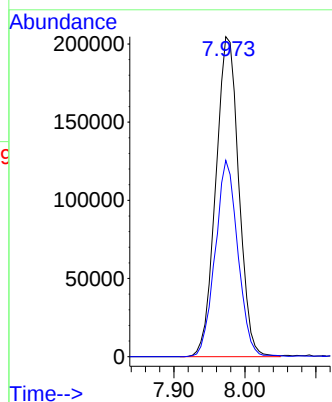
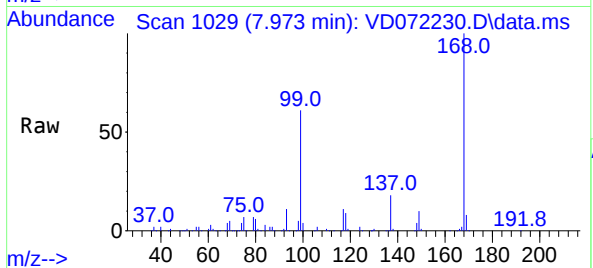




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

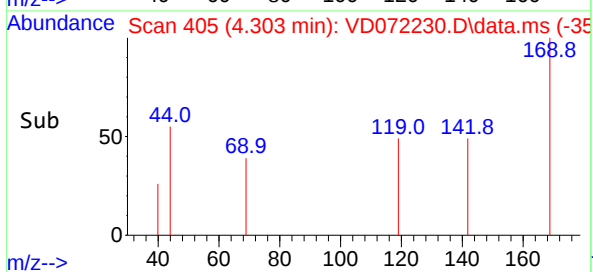
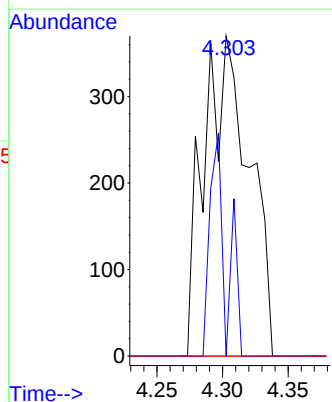
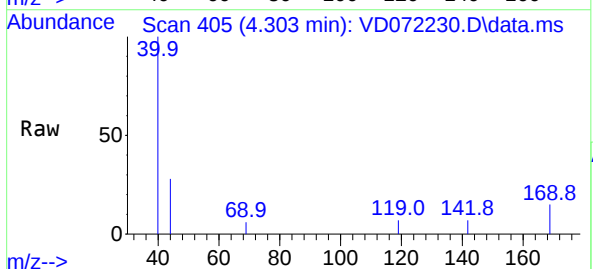
Instrument :
MSVOA_D
ClientSampleId :
TP2(0-5)

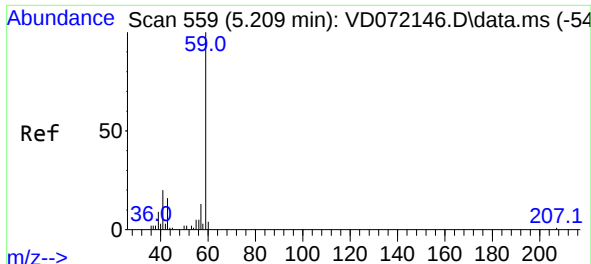
Tgt Ion:168 Resp: 459691
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#10
Methyl Iodide
Concen: 2.407 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Tgt Ion:142 Resp: 889
Ion Ratio Lower Upper
142 100
127 25.2 37.3 55.9#
141 0.0 11.7 17.5#

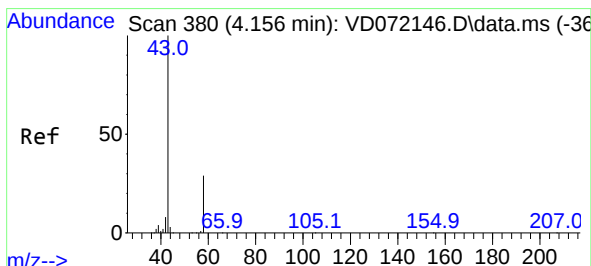
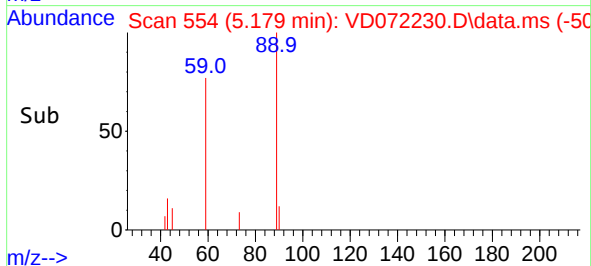
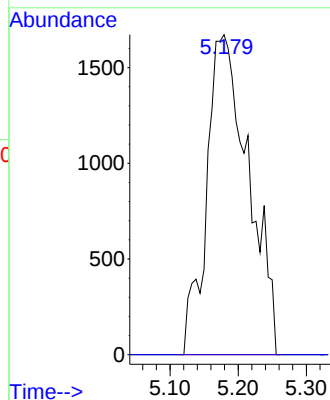
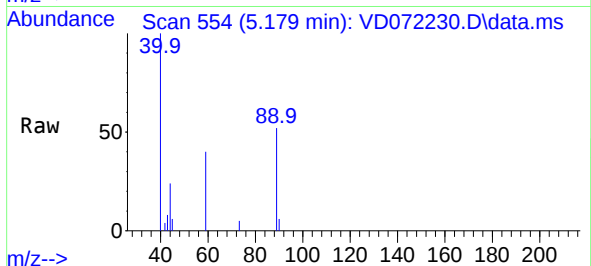




#11
Tert butyl alcohol
Concen: 24.014 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.029 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

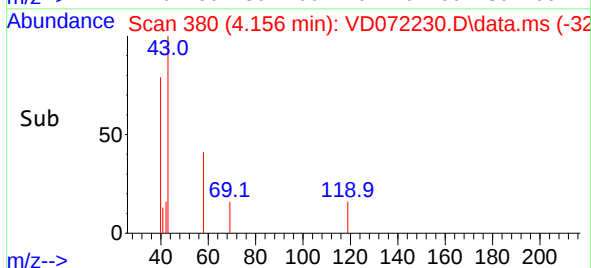
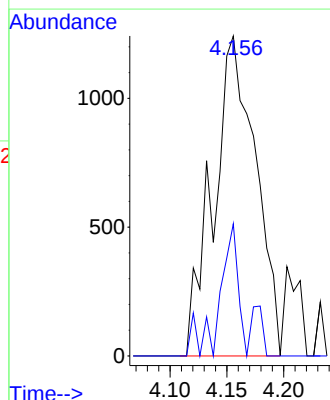
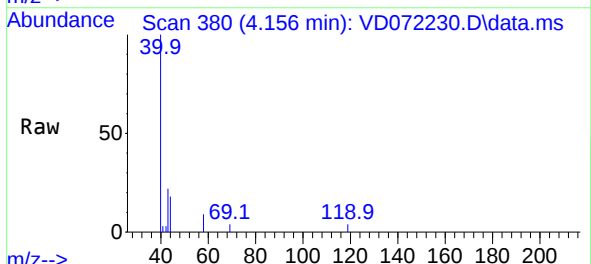
Instrument :
MSVOA_D
ClientSampleId :
TP2(0-5)

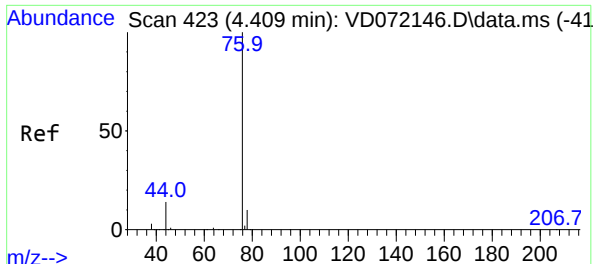
Tgt Ion: 59 Resp: 7133
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.888 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Tgt Ion: 43 Resp: 3212
Ion Ratio Lower Upper
43 100
58 41.3 22.1 33.1#

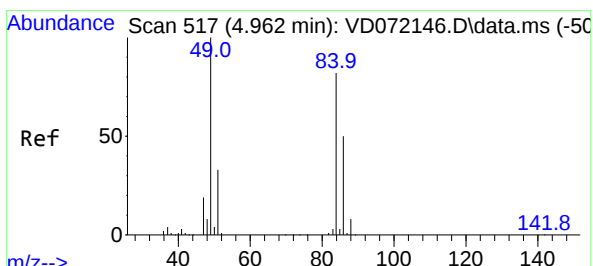
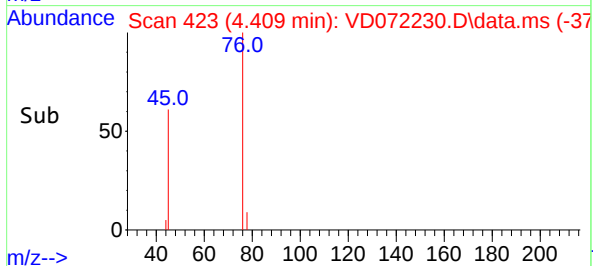
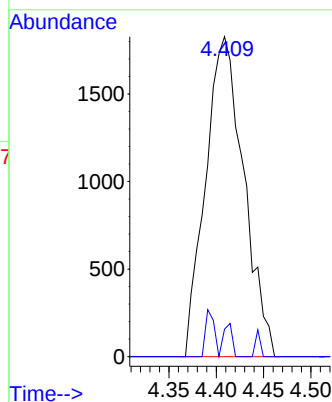
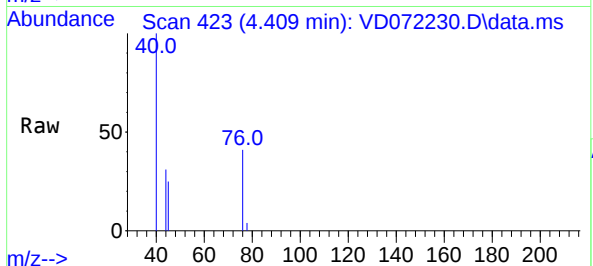




#17
Carbon Disulfide
Concen: 2.004 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

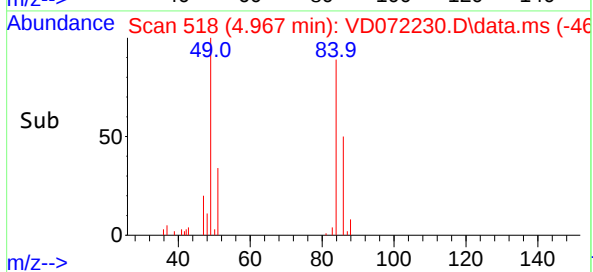
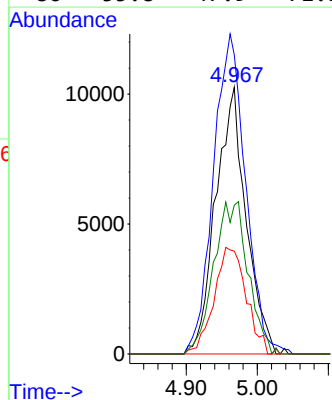
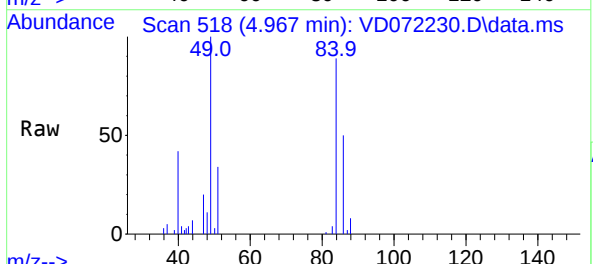
Instrument :
MSVOA_D
ClientSampleId :
TP2(0-5)

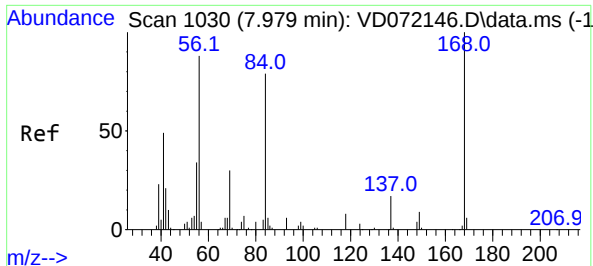
Tgt Ion: 76 Resp: 5116
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Tgt Ion: 84 Resp: 30473
Ion Ratio Lower Upper
84 100
49 112.1 112.8 169.2#
51 38.6 32.6 48.8
86 55.8 47.9 71.9

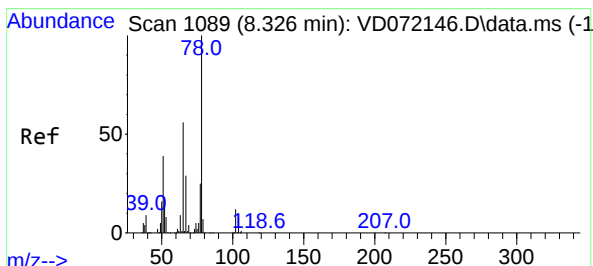
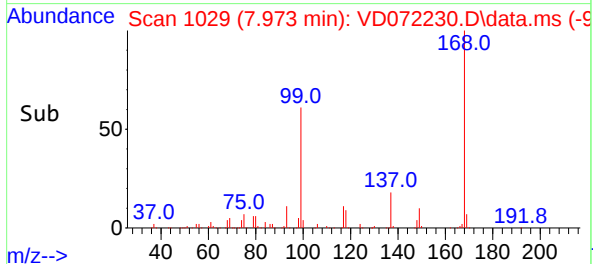
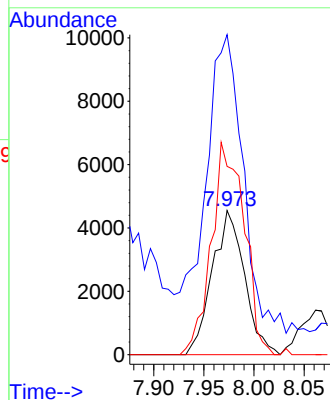
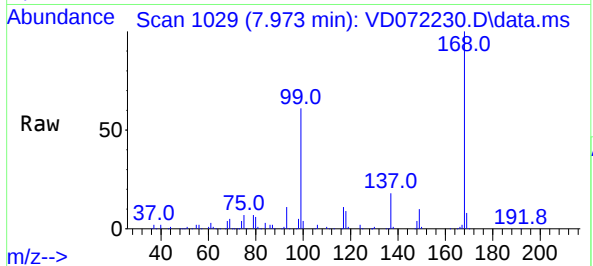




#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

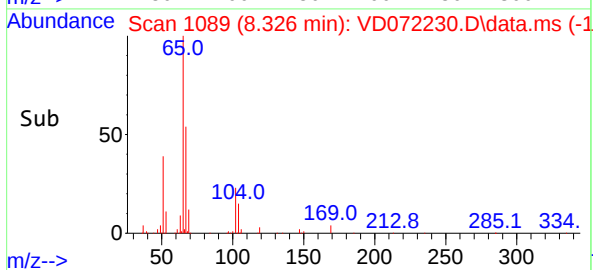
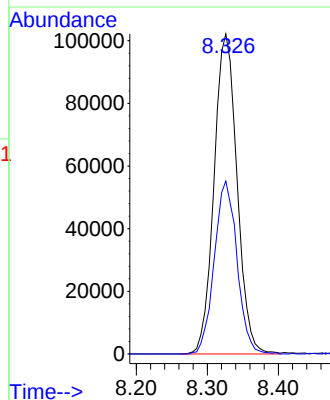
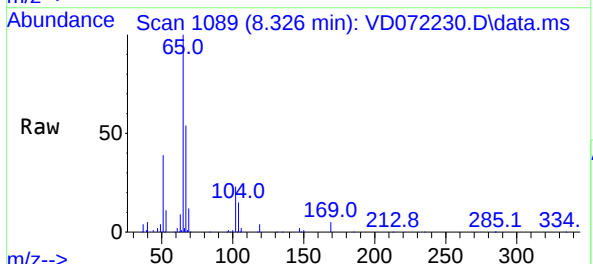
Instrument :
MSVOA_D
ClientSampleId :
TP2(0-5)

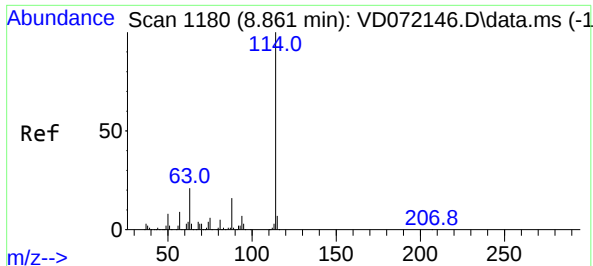
Tgt Ion: 56 Resp: 10178
Ion Ratio Lower Upper
56 100
69 193.2 25.4 38.2#
84 130.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.745 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Tgt Ion: 65 Resp: 229229
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4



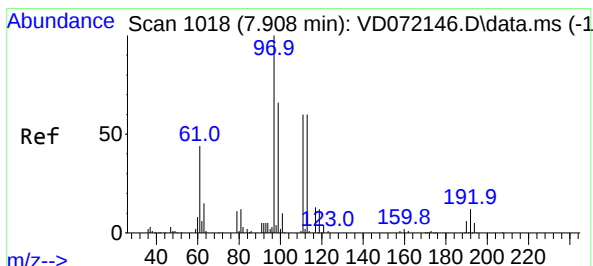
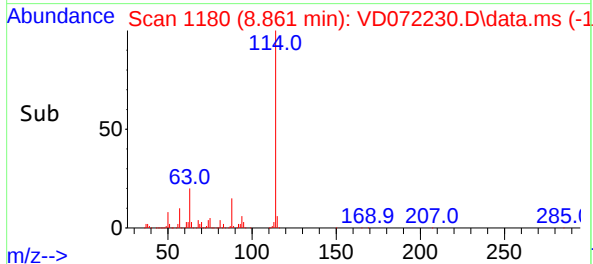
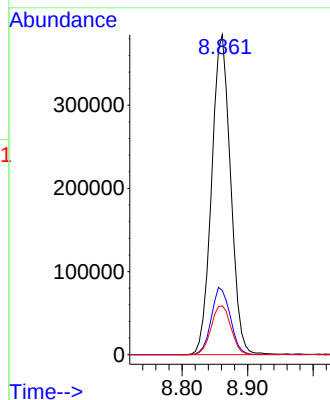
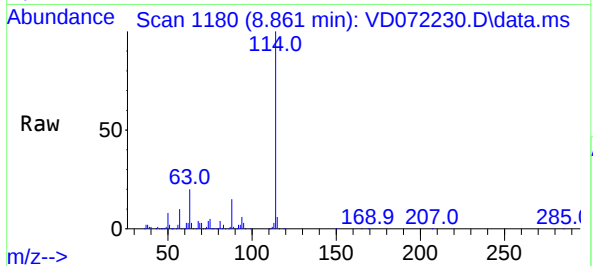


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Instrument :
MSVOA_D
ClientSampleId :
TP2(0-5)

Tgt Ion:114 Resp: 771454

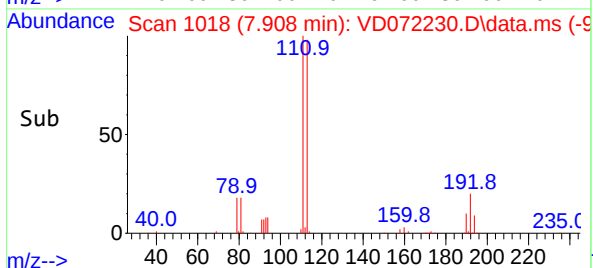
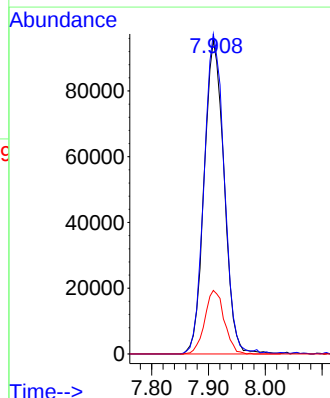
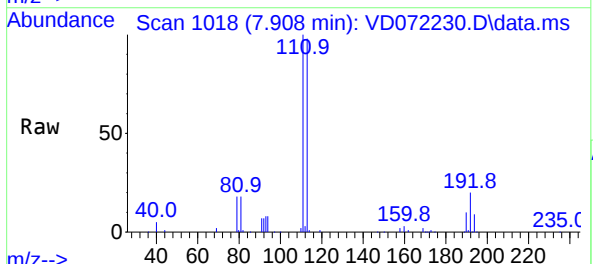
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	46.6
88	15.3	0.0	33.2

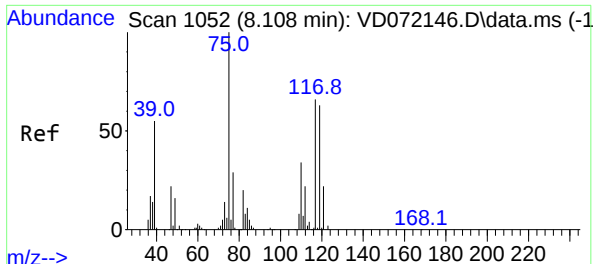


#35
Dibromofluoromethane
Concen: 42.754 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Tgt Ion:113 Resp: 232101

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	19.8	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.911 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD072230.D

Acq: 16 Mar 2022 20:51

Instrument :

MSVOA_D

ClientSampleId :

TP2(0-5)

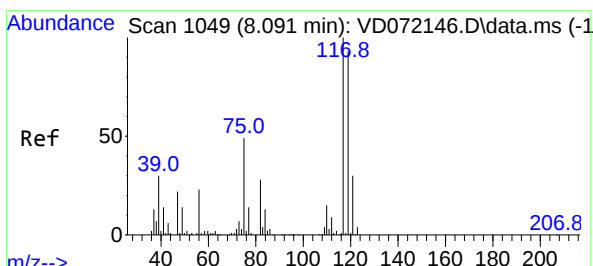
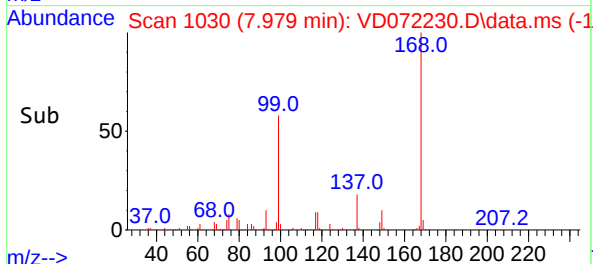
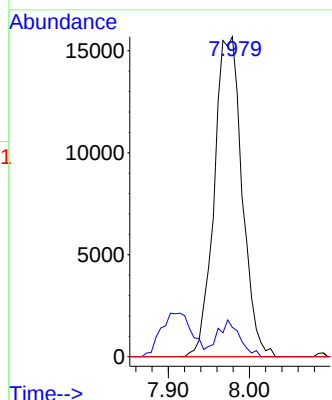
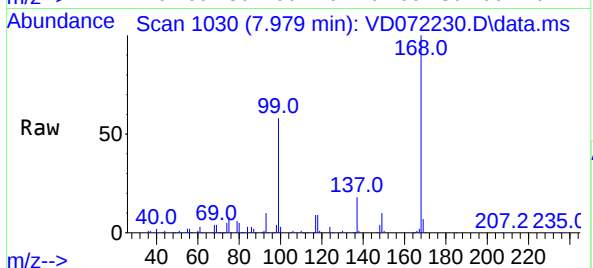
Tgt Ion: 75 Resp: 37403

Ion Ratio Lower Upper

75 100

110 9.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.671 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD072230.D

Acq: 16 Mar 2022 20:51

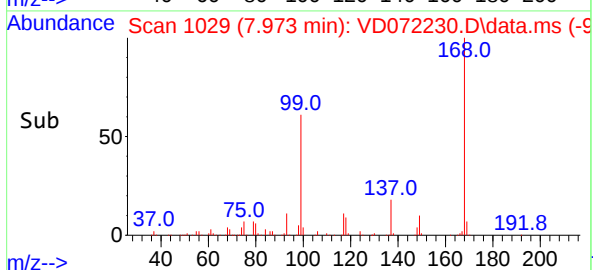
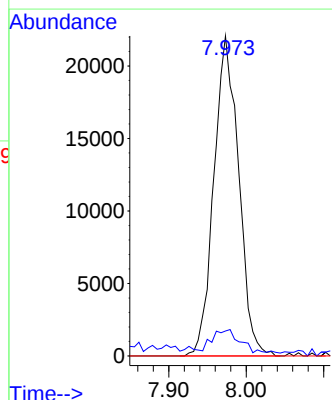
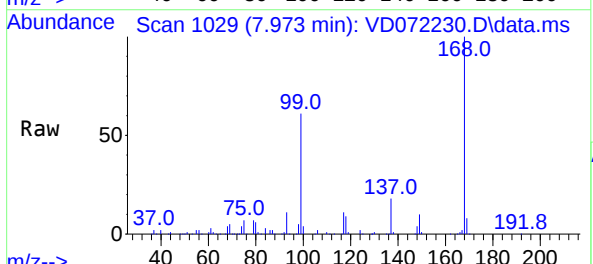
Tgt Ion: 117 Resp: 49097

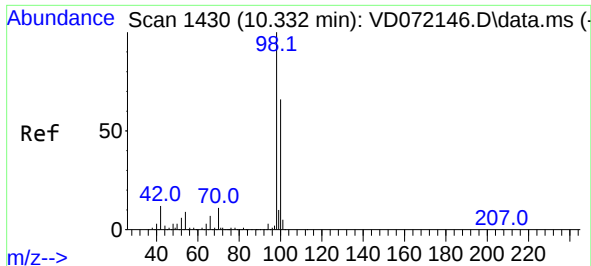
Ion Ratio Lower Upper

117 100

119 6.9 75.8 113.6#

121 0.0 24.5 36.7#

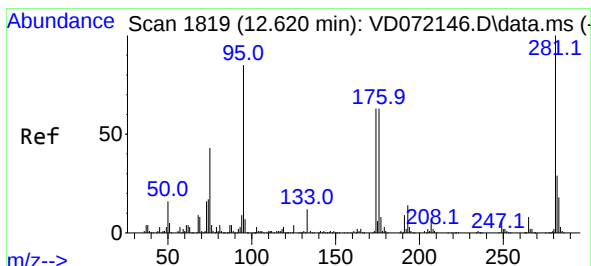
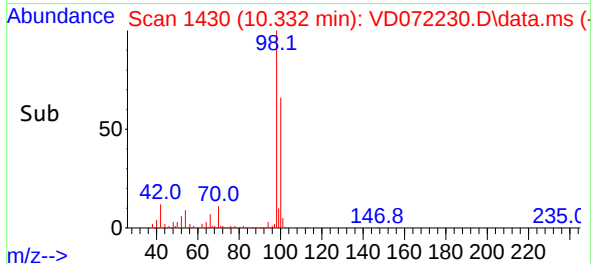
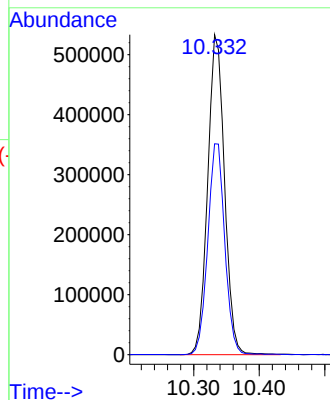
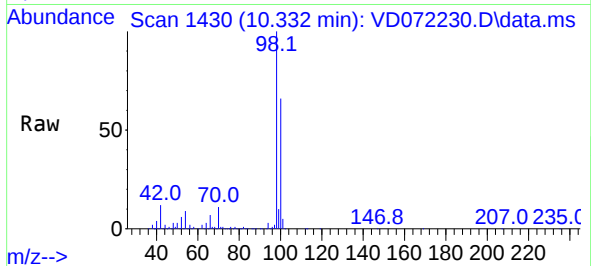




#50
Toluene-d8
Concen: 47.979 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

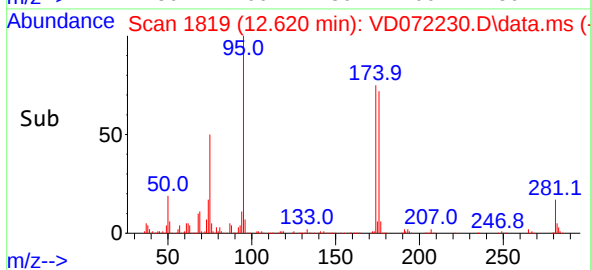
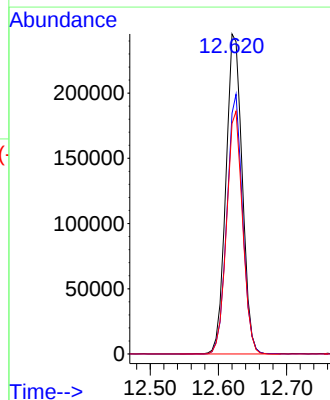
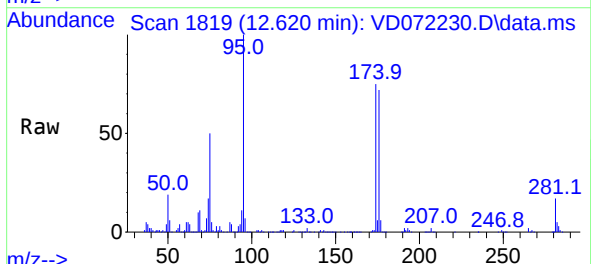
Instrument :
MSVOA_D
ClientSampleId :
TP2(0-5)

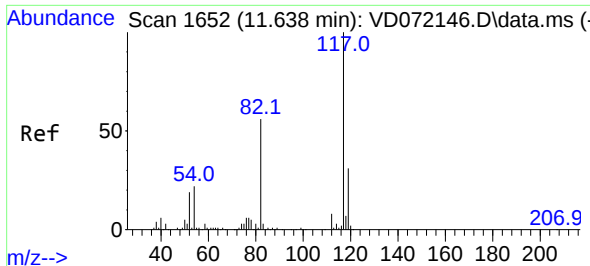
Tgt Ion: 98 Resp: 952401
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.981 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Tgt Ion: 95 Resp: 408637
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.1 0.0 145.4

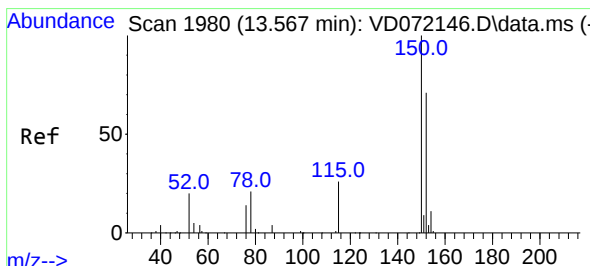
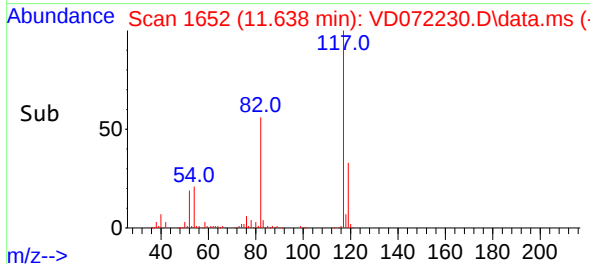
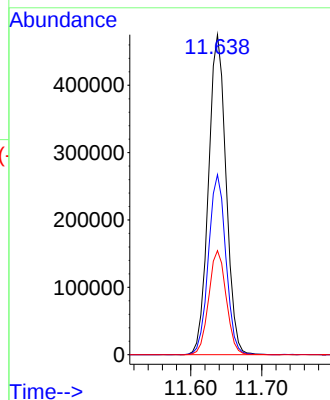
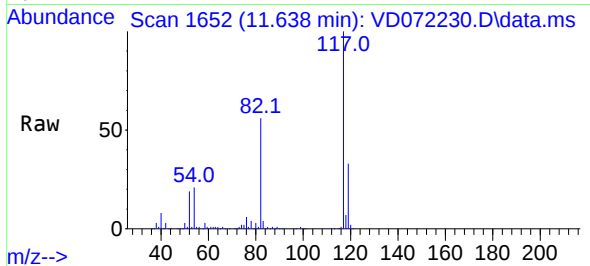




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

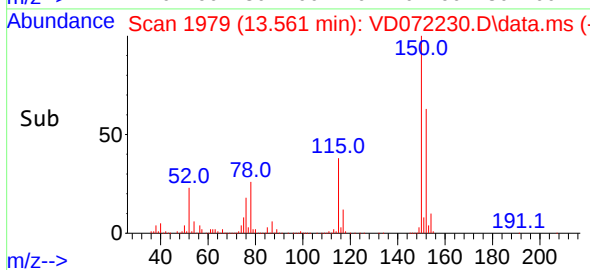
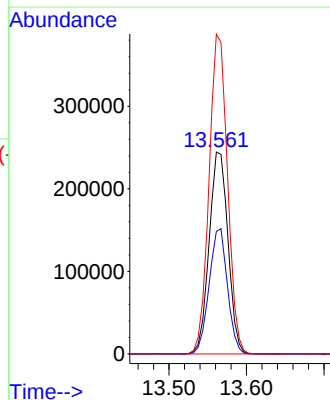
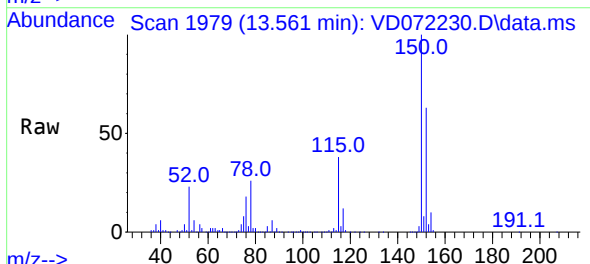
Instrument :
MSVOA_D
ClientSampleId :
TP2(0-5)

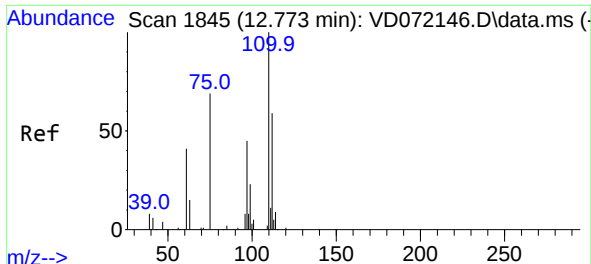
Tgt Ion:117 Resp: 816199
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Tgt Ion:152 Resp: 413331
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 154.8 0.0 348.6

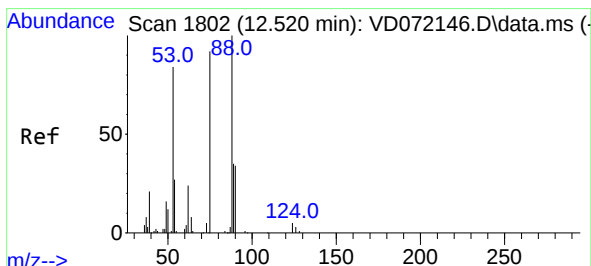
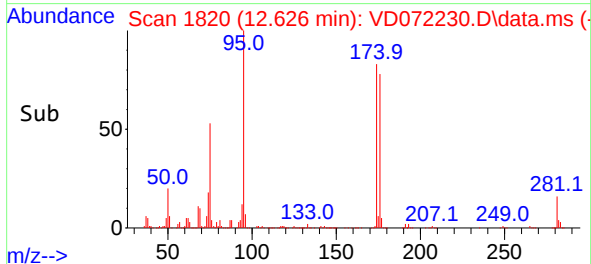
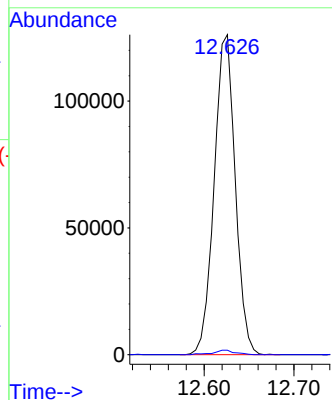
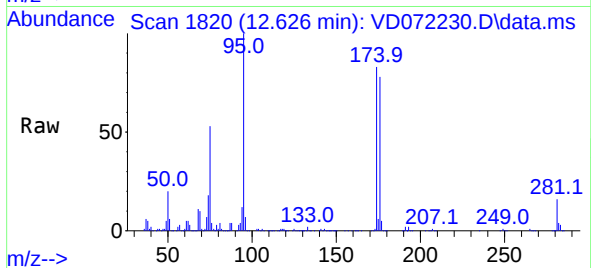




#76
1,2,3-Trichloropropane
Concen: 45.134 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Instrument :
MSVOA_D
ClientSampleId :
TP2(0-5)

Tgt Ion: 75 Resp: 205786
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.983 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072230.D
Acq: 16 Mar 2022 20:51

Tgt Ion: 75 Resp: 205786
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#

