

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072810.D
 Acq On : 05 May 2022 15:16
 Operator : VA/SY
 Sample : N2672-03
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 03

Quant Time: May 06 03:49:19 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)

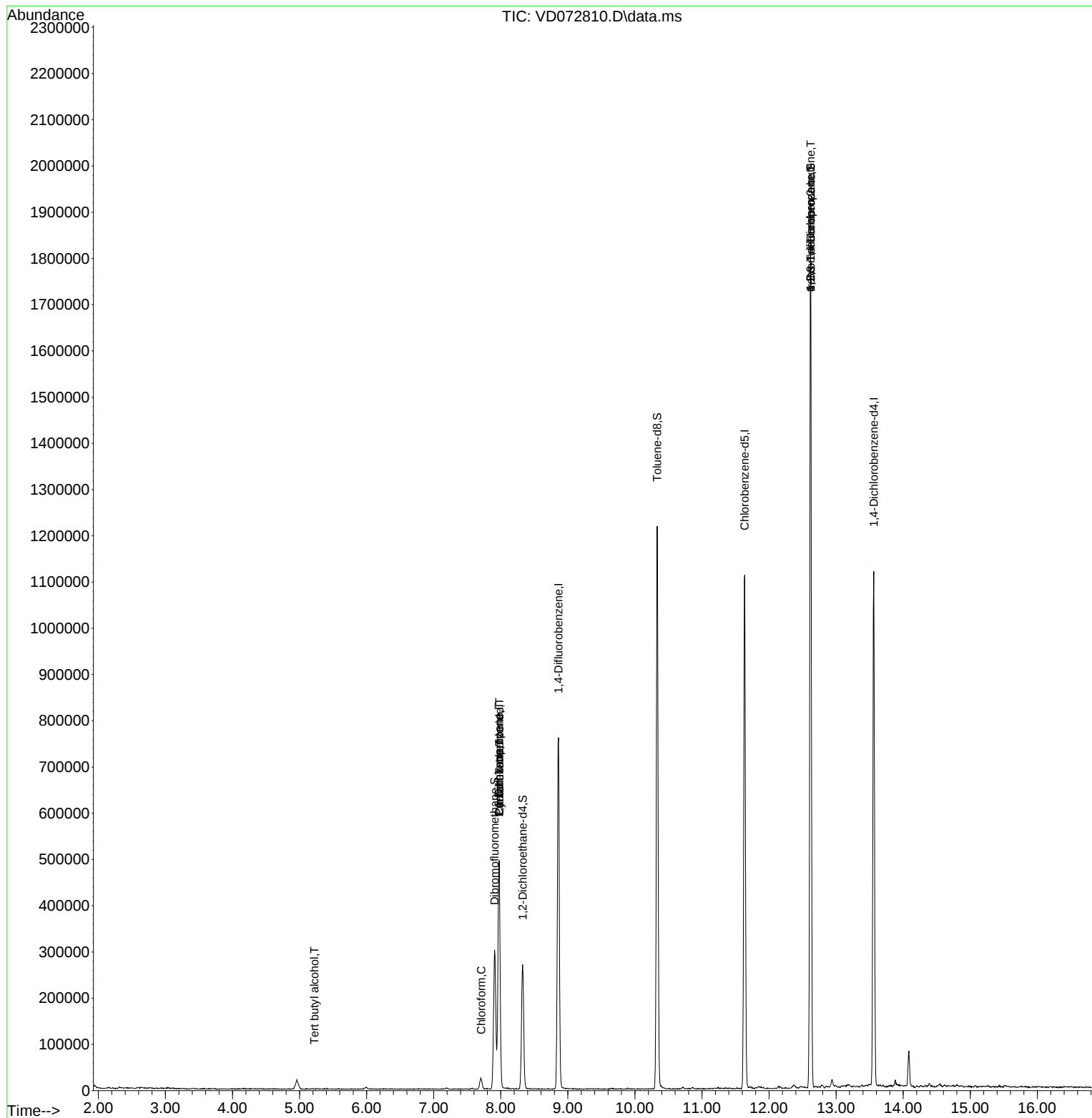
Internal Standards						
1) Pentafluorobenzene	7.979	168	359747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	646350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	292373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213919	45.809	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.620%		
35) Dibromofluoromethane	7.908	113	214910	47.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.060%		
50) Toluene-d8	10.332	98	806073	49.699	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.400%		
62) 4-Bromofluorobenzene	12.620	95	312332	51.645	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.280%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	669	Below Cal	#	61
11) Tert butyl alcohol	5.220	59	424	1.049	ug/l #	74
16) Acetone	4.162	43	1474	Below Cal	#	78
18) Methyl Acetate	4.761	43	86	Below Cal	#	55
20) Methylene Chloride	4.962	84	13539	Below Cal	#	82
30) Chloroform	7.708	83	21390	2.184	ug/l	95
31) Cyclohexane	7.979	56	8593	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	30878	4.200	ug/l #	53
38) Carbon Tetrachloride	7.979	117	37895	4.965	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	172728	52.982	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	172728	121.836	ug/l #	8

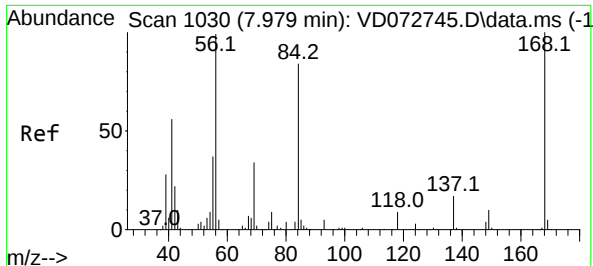
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

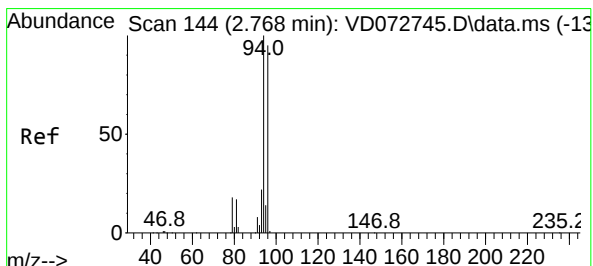
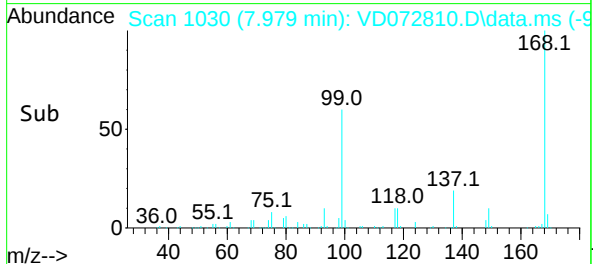
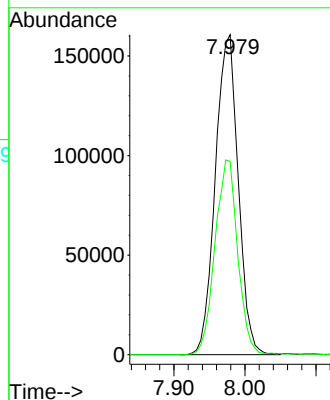
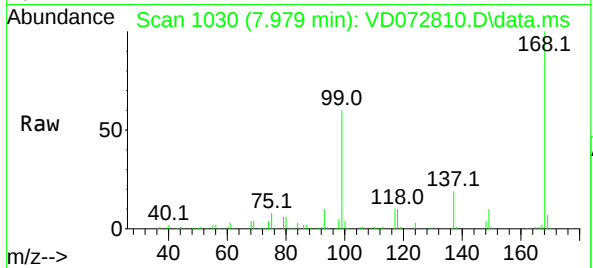




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

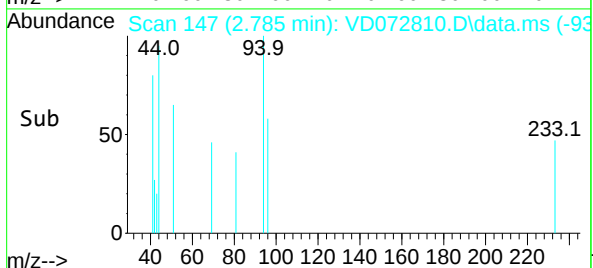
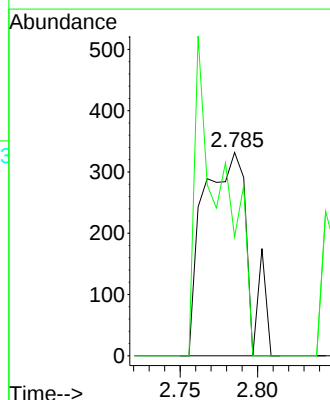
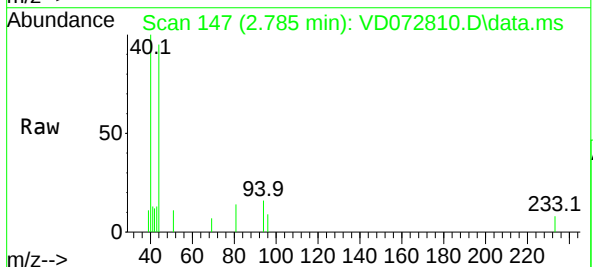
Instrument :
MSVOA_D
ClientSampleId :
03

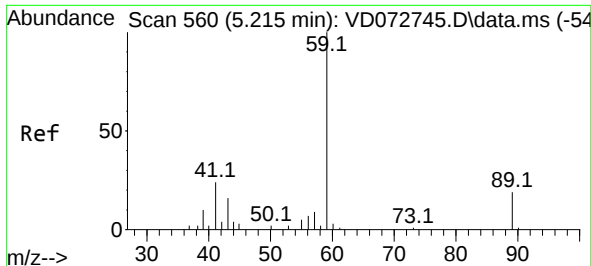
Tgt Ion:168 Resp: 359747
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

Tgt Ion: 94 Resp: 669
Ion Ratio Lower Upper
94 100
96 58.4 77.6 116.4#





#11

Tert butyl alcohol

Concen: 1.049 ug/l

RT: 5.220 min Scan# 50

Delta R.T. 0.005 min

Lab File: VD072810.D

Acq: 05 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

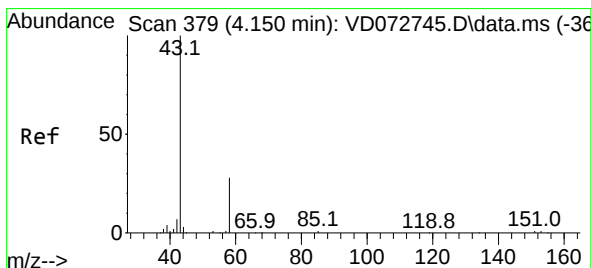
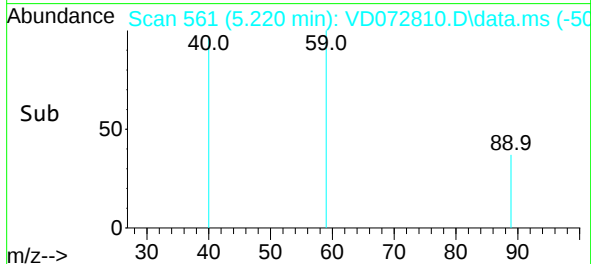
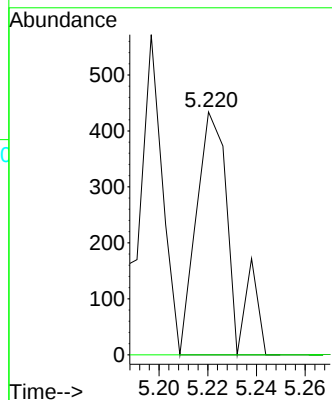
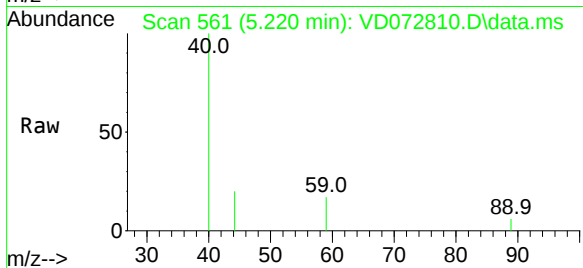
03

Tgt Ion: 59 Resp: 424

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: VD072810.D

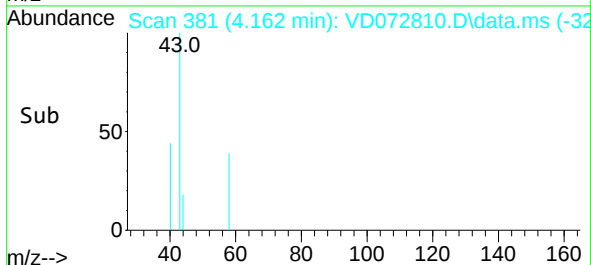
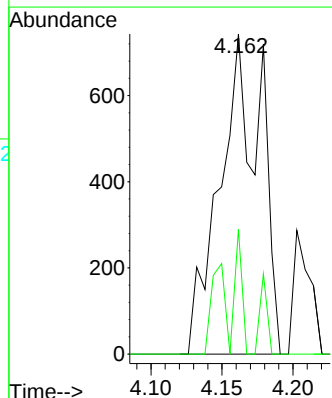
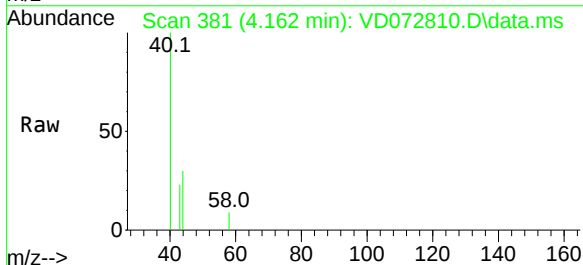
Acq: 05 May 2022 15:16

Tgt Ion: 43 Resp: 1474

Ion Ratio Lower Upper

43 100

58 39.0 22.1 33.1#

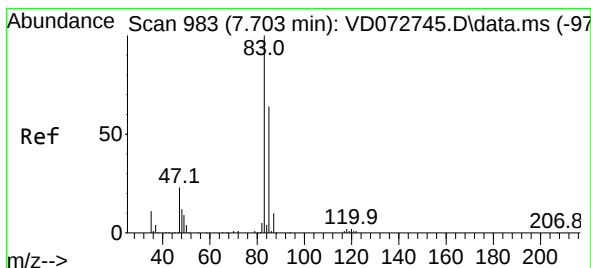
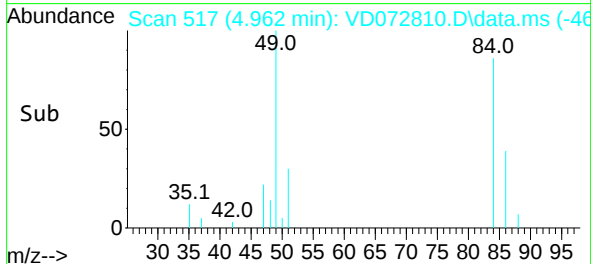
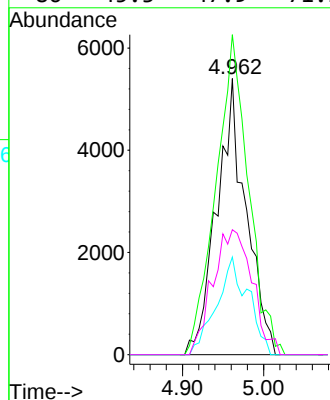
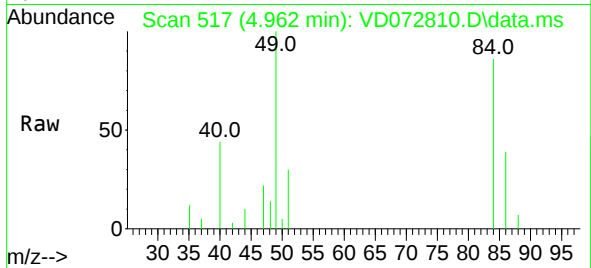




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

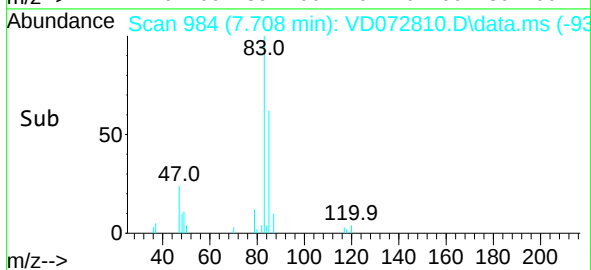
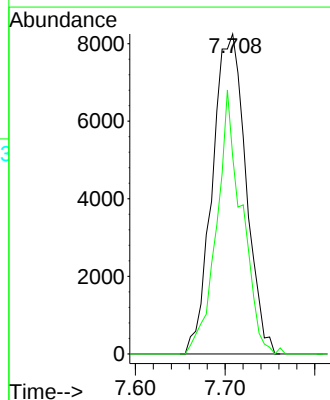
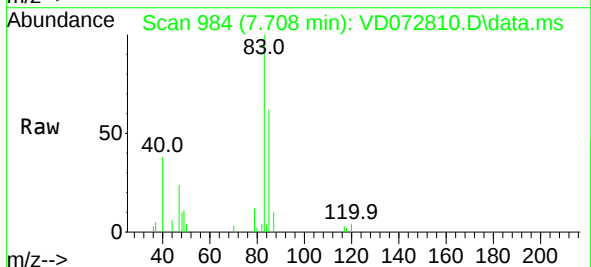
Instrument :
MSVOA_D
ClientSampleId :
03

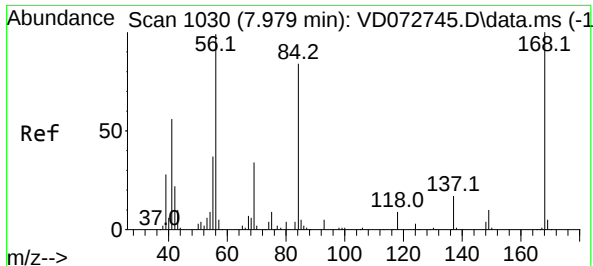
Tgt Ion:	84	Resp:	13539
Ion	Ratio	Lower	Upper
84	100		
49	115.9	112.8	169.2
51	35.3	32.6	48.8
86	45.3	47.9	71.9



#30
Chloroform
Concen: 2.184 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.005 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

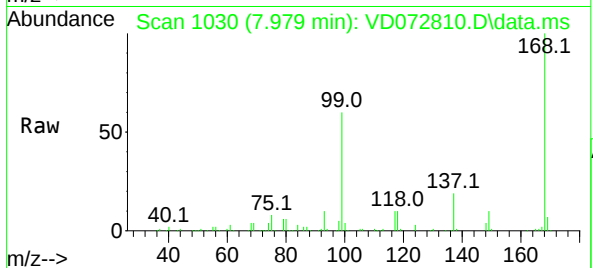
Tgt Ion:	83	Resp:	21390
Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.7	79.1



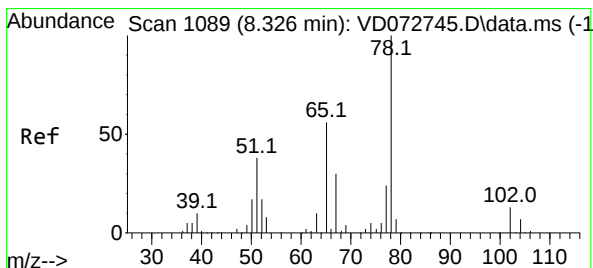
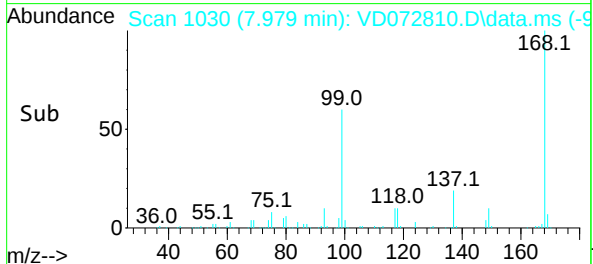
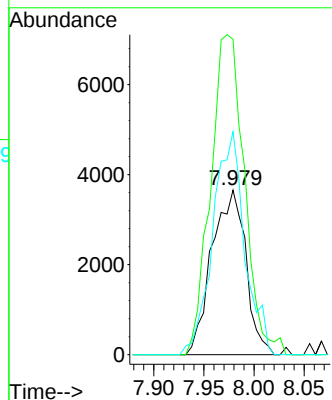


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
03

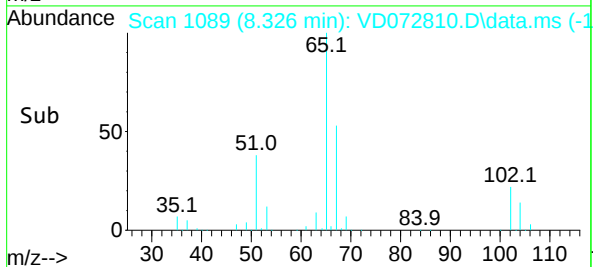
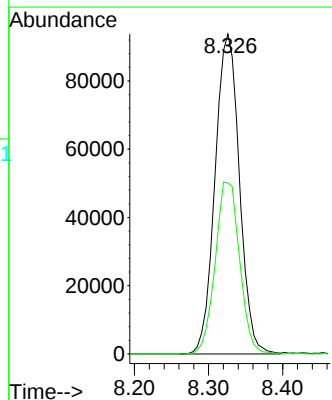
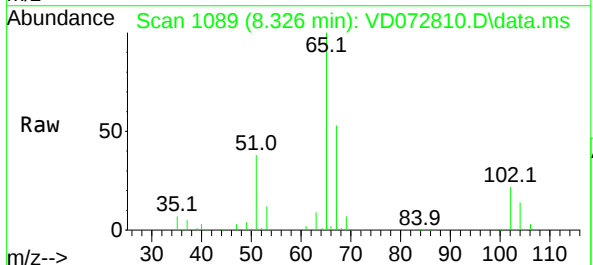


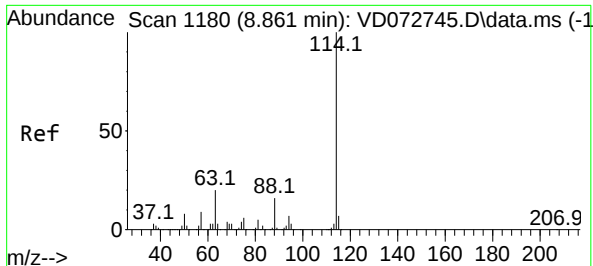
Tgt Ion: 56 Resp: 8593
Ion Ratio Lower Upper
56 100
69 191.8 25.4 38.2#
84 135.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 45.809 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

Tgt Ion: 65 Resp: 213919
Ion Ratio Lower Upper
65 100
67 53.9 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: VD072810.D

Acq: 05 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

03

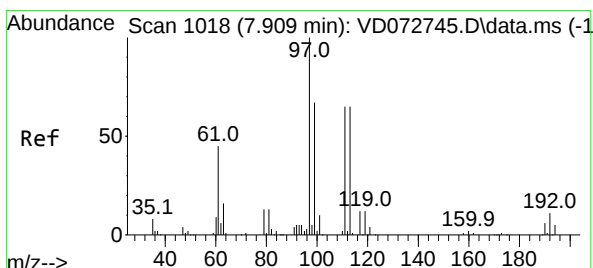
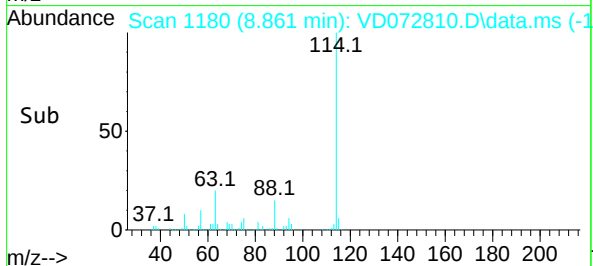
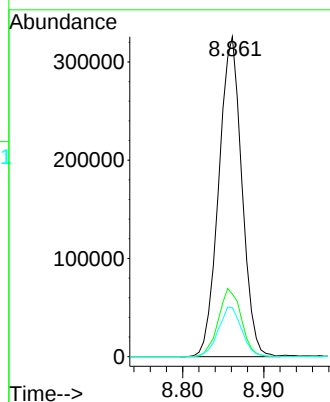
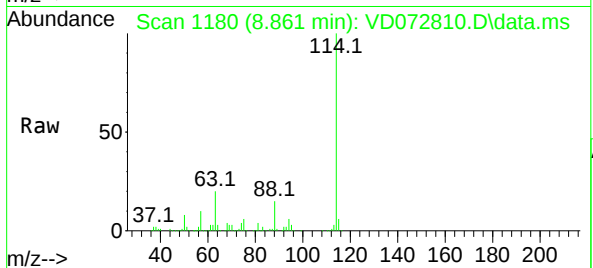
Tgt Ion:114 Resp: 643808

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.530 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072810.D

Acq: 05 May 2022 15:16

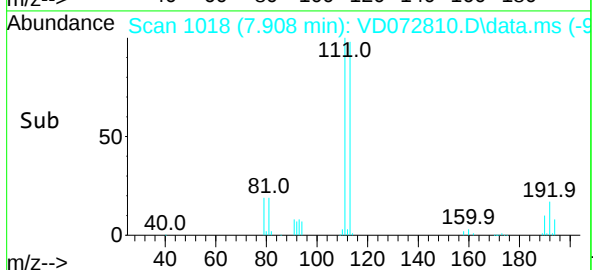
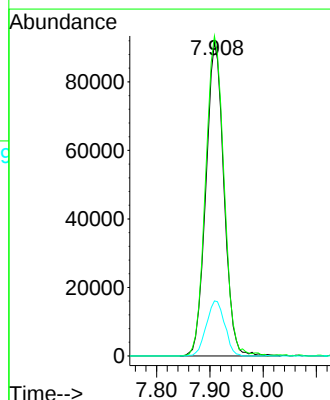
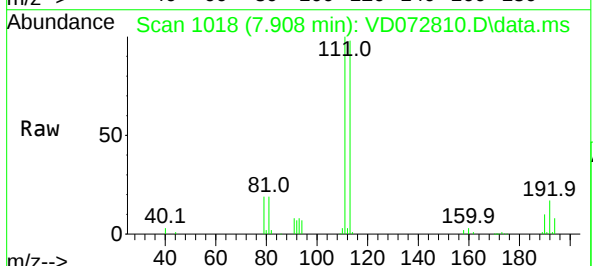
Tgt Ion:113 Resp: 214910

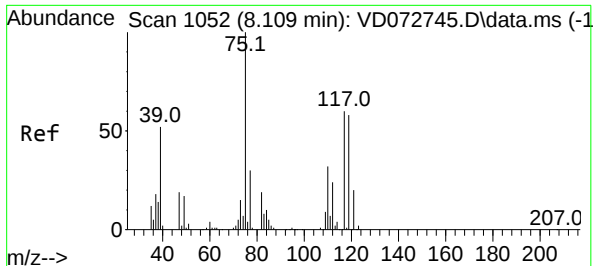
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 17.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.200 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072810.D

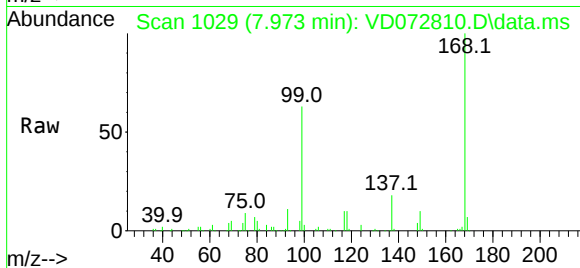
Acq: 05 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

03



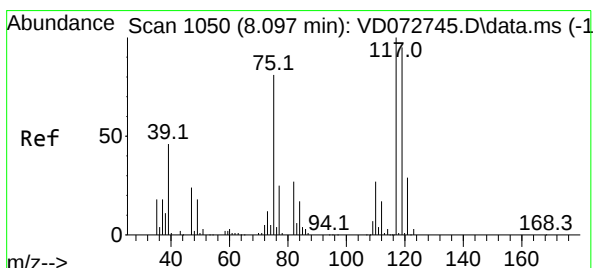
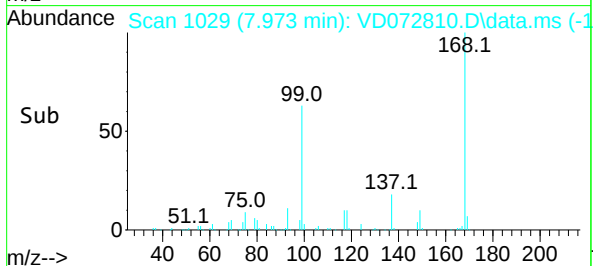
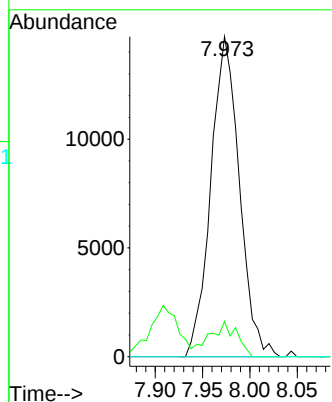
Tgt Ion: 75 Resp: 30878

Ion Ratio Lower Upper

75 100

110 10.4 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.965 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072810.D

Acq: 05 May 2022 15:16

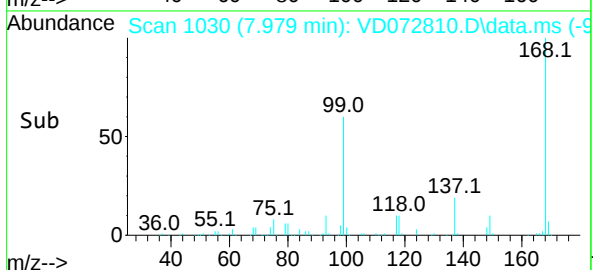
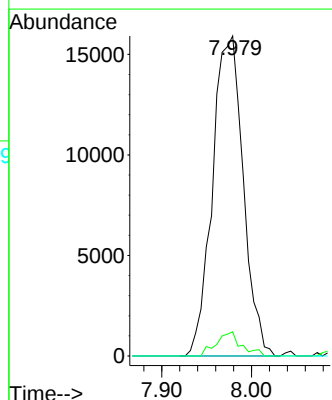
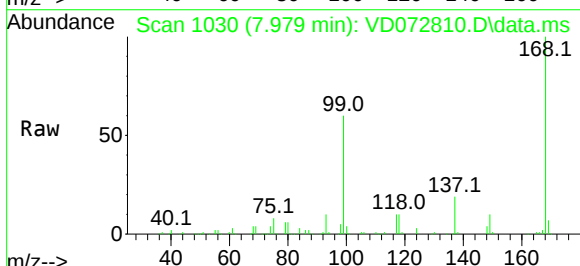
Tgt Ion: 117 Resp: 37895

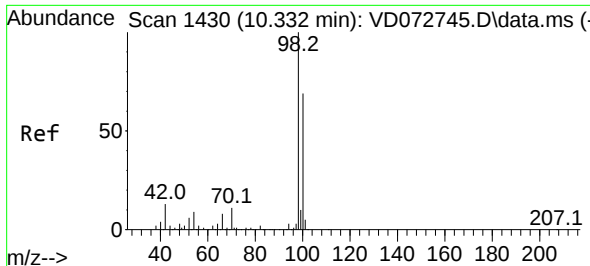
Ion Ratio Lower Upper

117 100

119 7.5 75.8 113.6#

121 0.0 24.5 36.7#

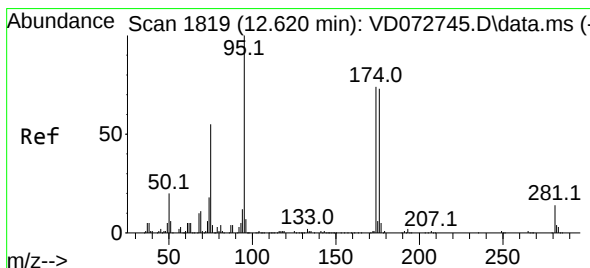
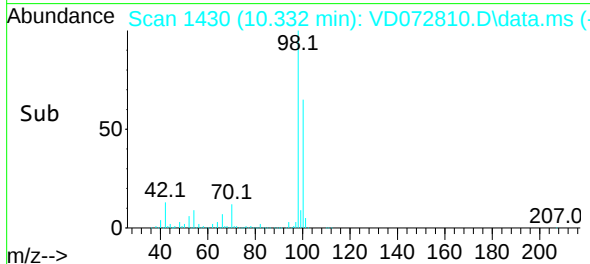
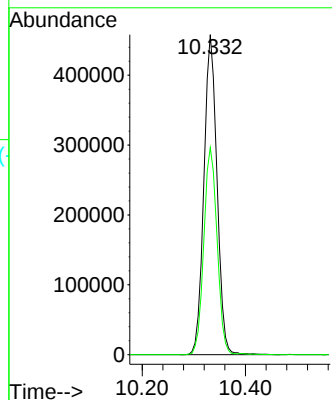
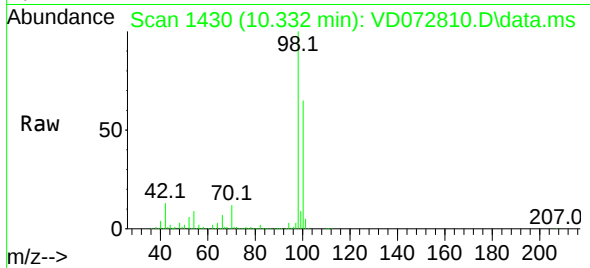




#50
Toluene-d8
Concen: 49.699 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

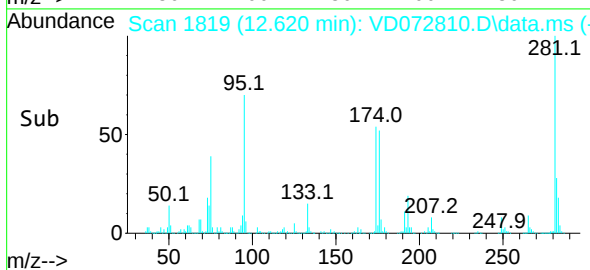
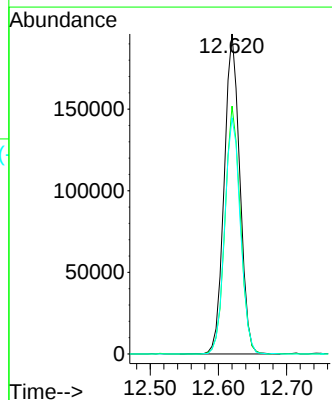
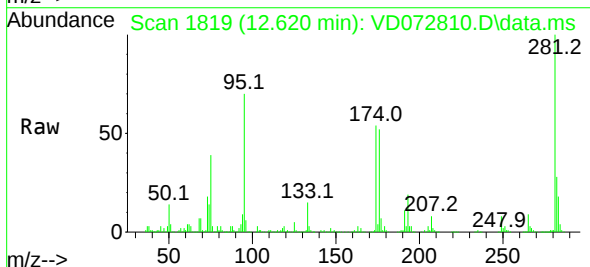
Instrument :
MSVOA_D
ClientSampleId :
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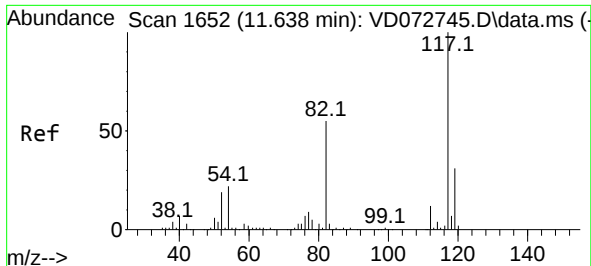
Tgt Ion: 98 Resp: 806073
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.645 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

Tgt Ion: 95 Resp: 312332
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 74.5 0.0 145.4

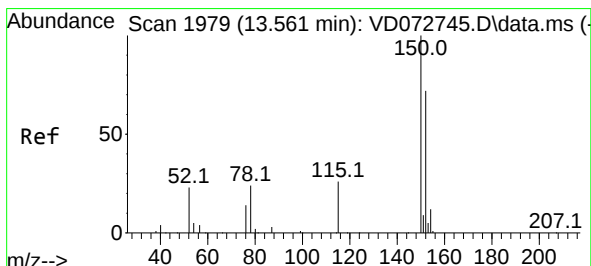
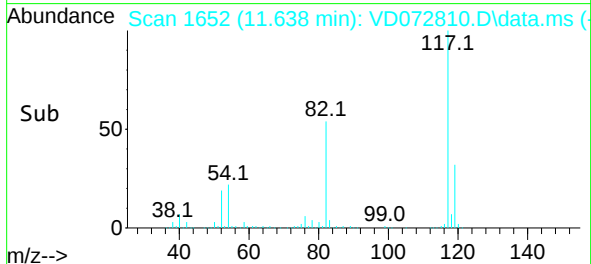
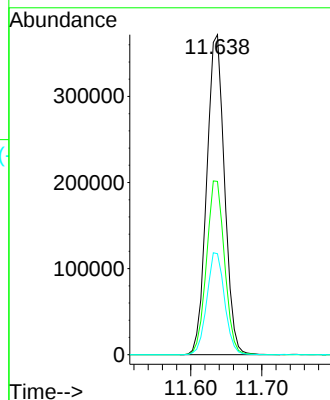
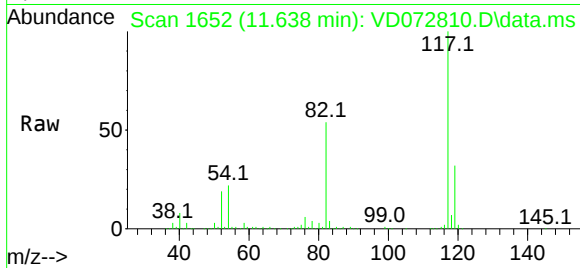




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

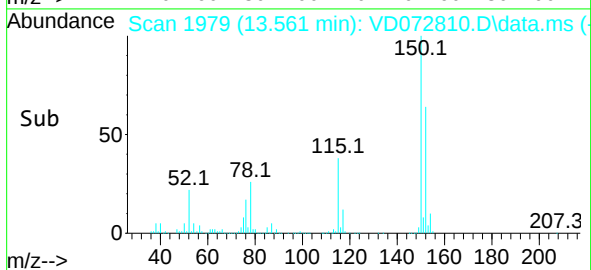
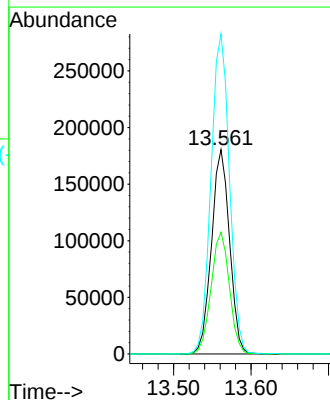
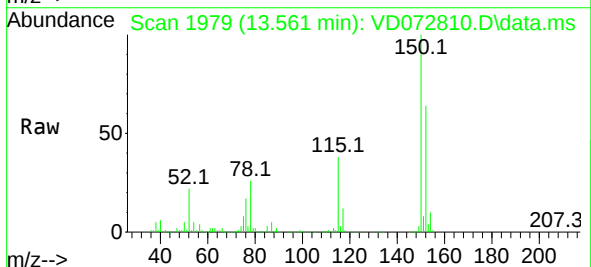
Instrument :
MSVOA_D
ClientSampleId :
03

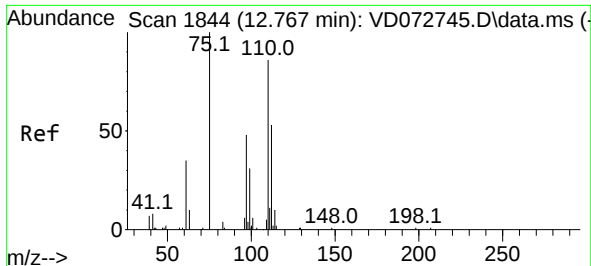
Tgt Ion:117 Resp: 646350
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

Tgt Ion:152 Resp: 292373
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 159.9 0.0 348.6

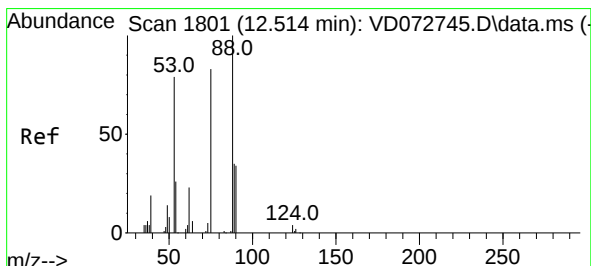
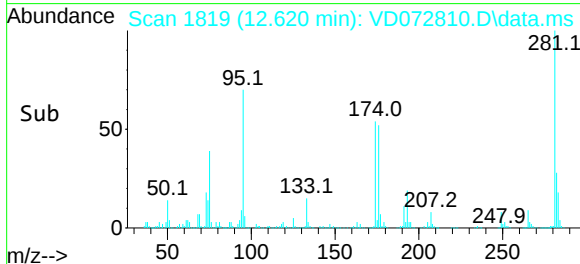
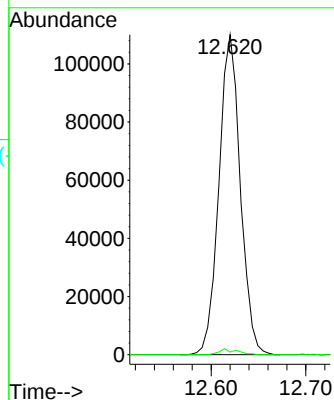
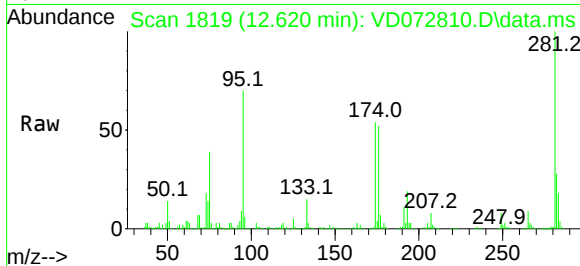




#76
1,2,3-Trichloropropane
Concen: 52.982 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
03

Tgt Ion: 75 Resp: 172728
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.836 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

Tgt Ion: 75 Resp: 172728
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 2.3 33.9 50.9#

