

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072052.D
 Acq On : 22 Feb 2022 12:46
 Operator : VA/SY
 Sample : N1626-15
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

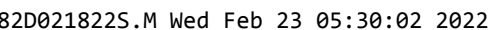
Quant Time: Feb 23 05:29:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

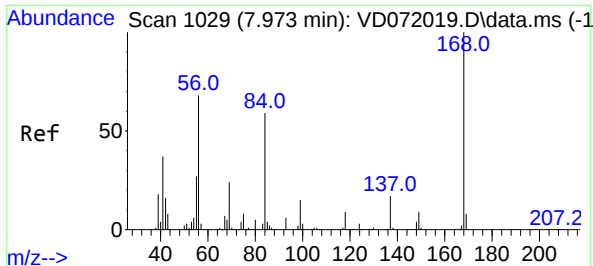
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	538903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	941288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	908701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	414768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	275707	49.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.640%		
35) Dibromofluoromethane	7.908	113	158072	27.717	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	55.440%		
50) Toluene-d8	10.338	98	1164024	55.039	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	110.080%		
62) 4-Bromofluorobenzene	12.620	95	425025	54.710	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	109.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	341	Below Cal	#	52
10) Methyl Iodide	4.309	142	677	3.028	ug/l #	53
16) Acetone	4.162	43	25668	21.247	ug/l	100
17) Carbon Disulfide	4.409	76	5908	1.087	ug/l #	74
18) Methyl Acetate	4.750	43	145	Below Cal	#	52
20) Methylene Chloride	4.973	84	10609	1.764	ug/l	86
25) 2-Butanone	7.208	43	4436	2.657	ug/l	96
31) Cyclohexane	7.973	56	12900	1.307	ug/l #	16
36) 1,1-Dichloropropene	7.979	75	41515	4.806	ug/l #	50
38) Carbon Tetrachloride	7.979	117	53904	6.088	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	227973	58.026	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	227973	145.311	ug/l #	10

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

Quant Time: Feb 23 05:29:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

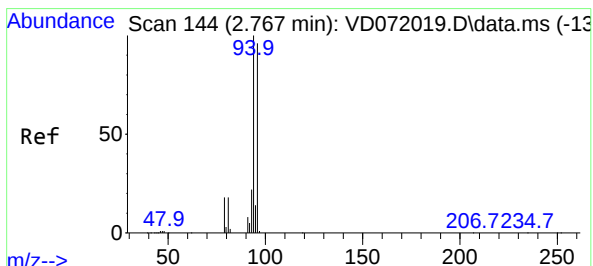
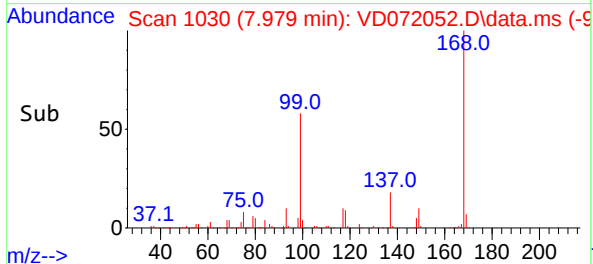
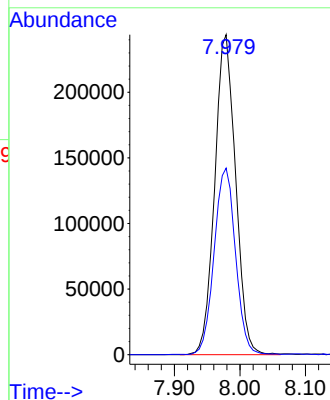
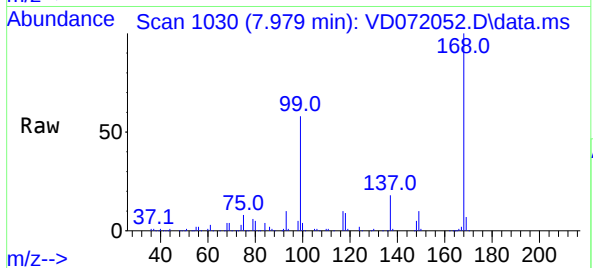




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

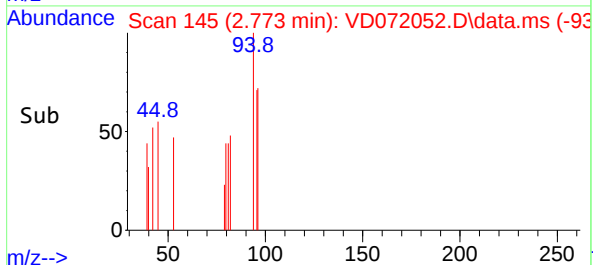
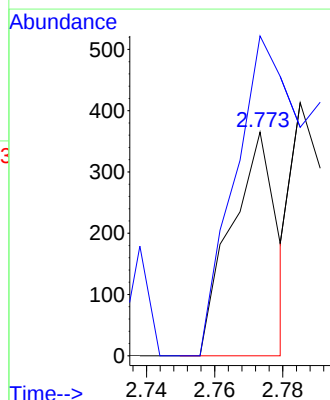
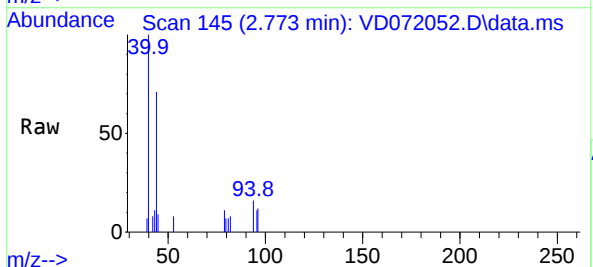
Instrument :
MSVOA_D
ClientSampleId :

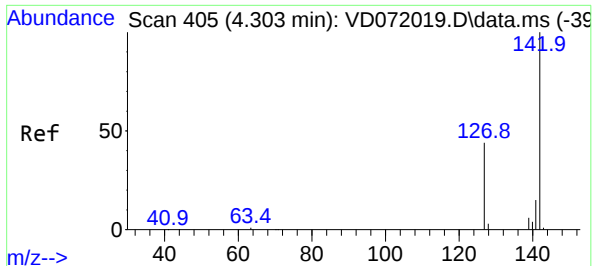
Tgt Ion:168 Resp: 538903
Ion Ratio Lower Upper
168 100
99 58.2 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

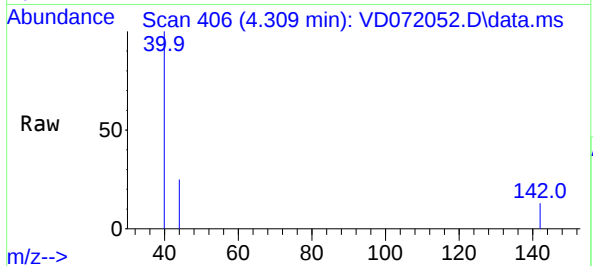
Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 143.0 76.8 115.2#



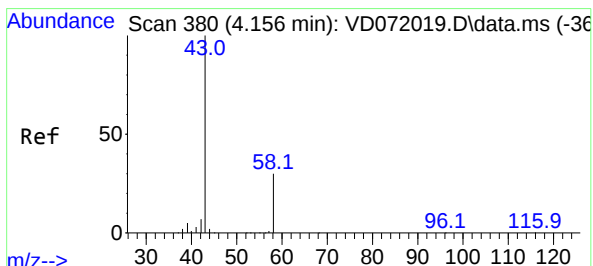
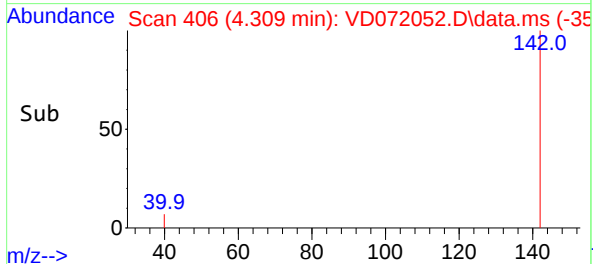
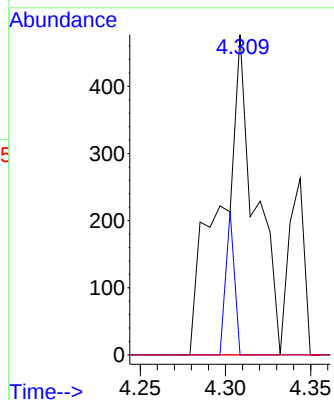


#10
Methyl Iodide
Concen: 3.028 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Instrument :
MSVOA_D
ClientSampleId :

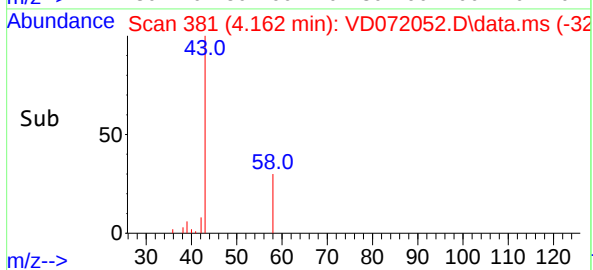
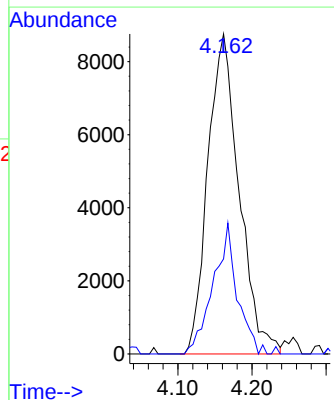
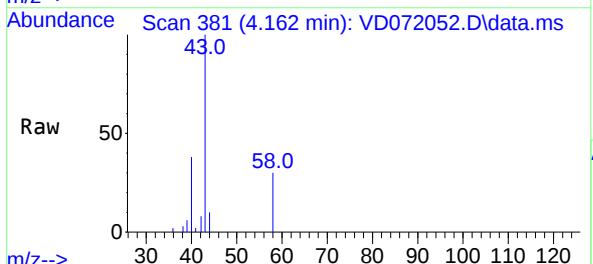


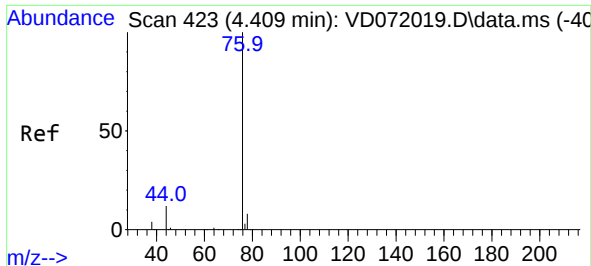
Tgt Ion:142 Resp: 677
Ion Ratio Lower Upper
142 100
127 11.2 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 21.247 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Tgt Ion: 43 Resp: 25668
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6

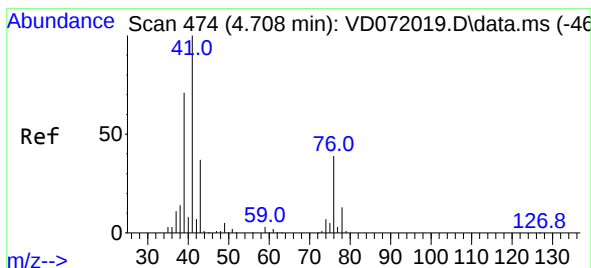
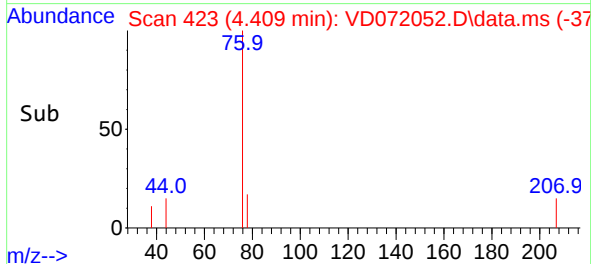
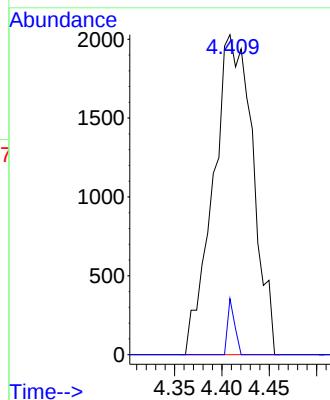
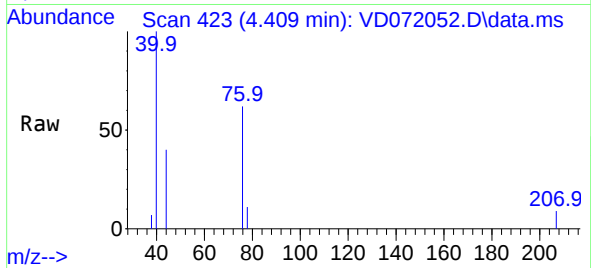




#17
Carbon Disulfide
Concen: 1.087 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

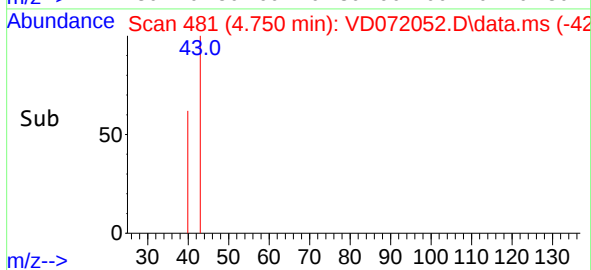
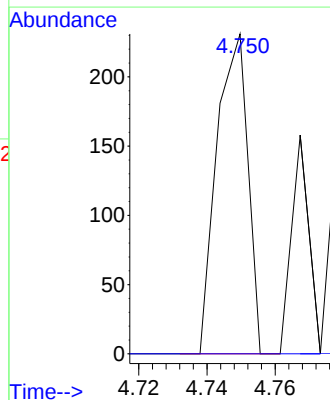
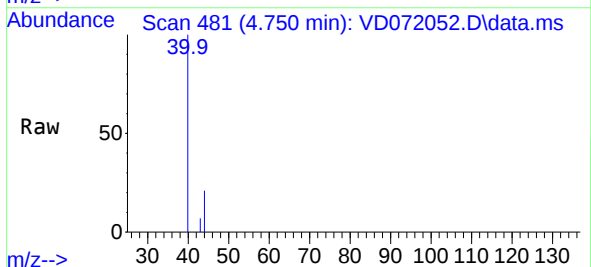
Instrument :
MSVOA_D
ClientSampleId :

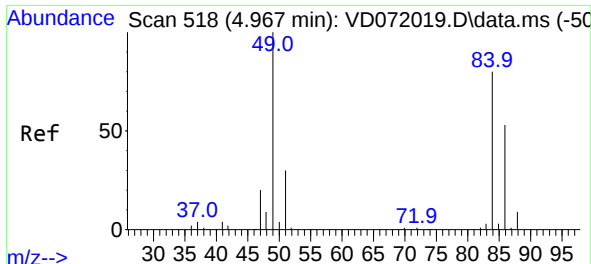
Tgt Ion: 76 Resp: 5908
Ion Ratio Lower Upper
76 100
78 17.5 6.7 10.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.750 min Scan# 481
Delta R.T. 0.042 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

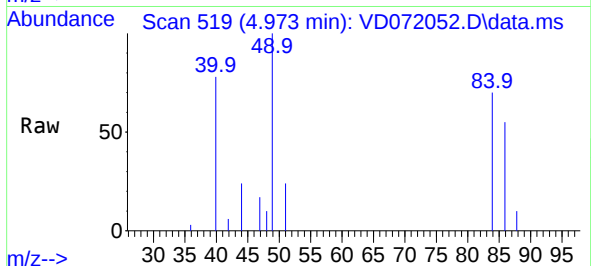
Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#





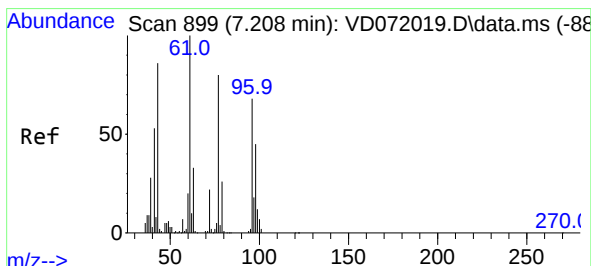
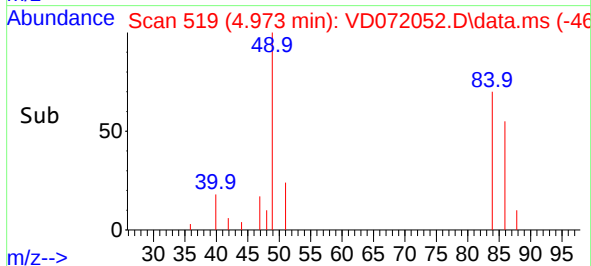
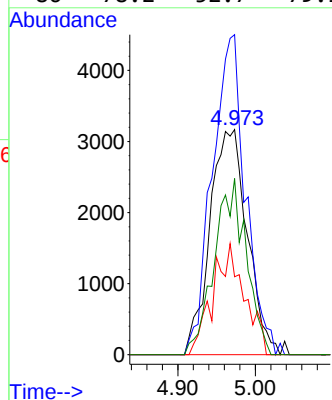
#20
Methylene Chloride
Concen: 1.764 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 10609

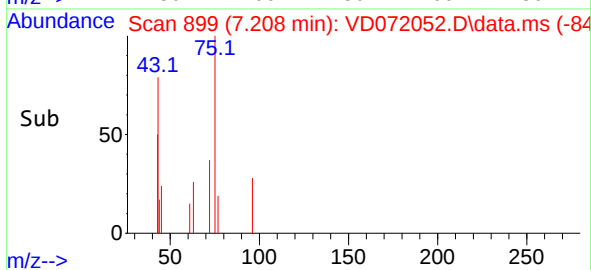
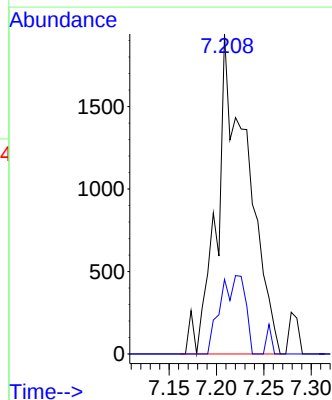
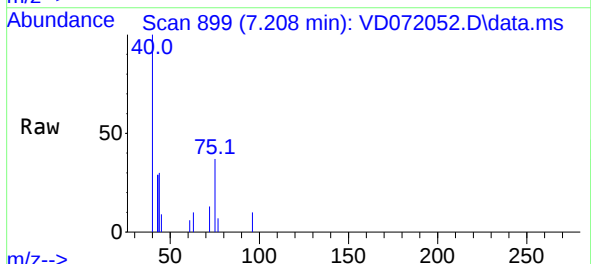
Ion	Ratio	Lower	Upper
84	100		
49	142.1	100.0	150.0
51	34.6	30.2	45.4
86	78.2	52.7	79.1

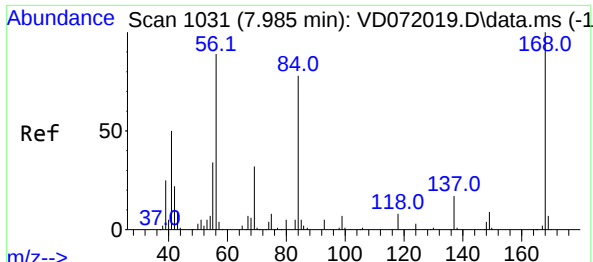


#25
2-Butanone
Concen: 2.657 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Tgt Ion: 43 Resp: 4436

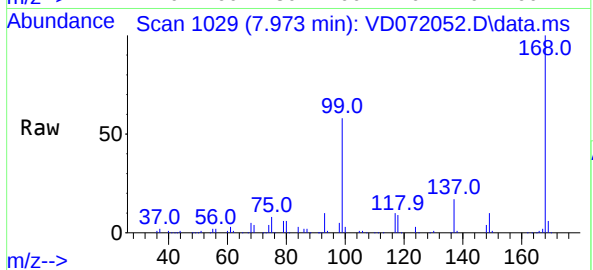
Ion	Ratio	Lower	Upper
43	100		
72	23.3	20.3	30.5



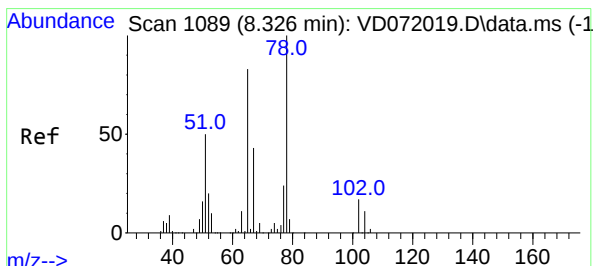
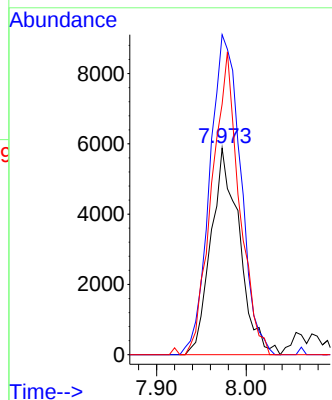
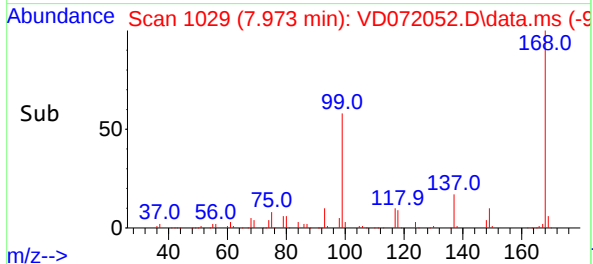


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Instrument :
MSVOA_D
ClientSampleId :

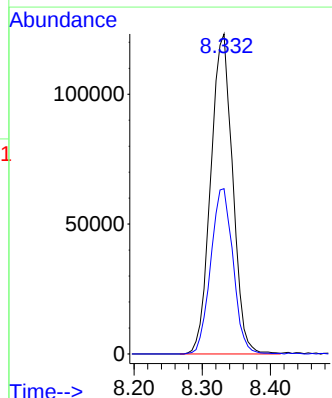
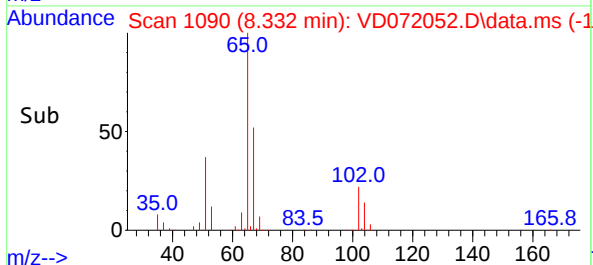
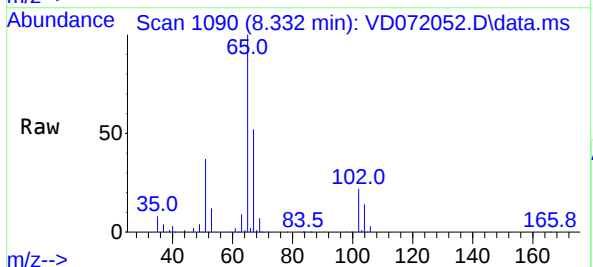


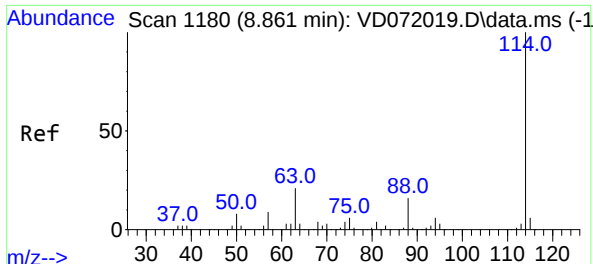
Tgt Ion: 56 Resp: 12900
Ion Ratio Lower Upper
56 100
69 155.0 28.9 43.3#
84 121.4 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 49.321 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Tgt Ion: 65 Resp: 275707
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6

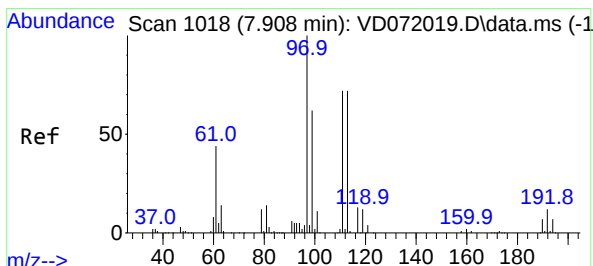
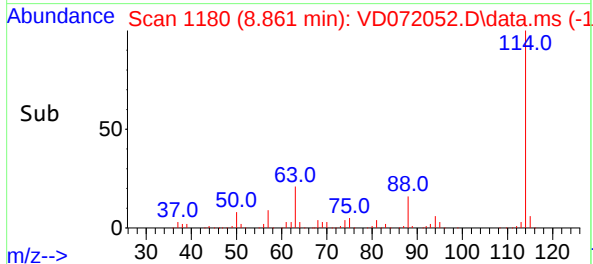
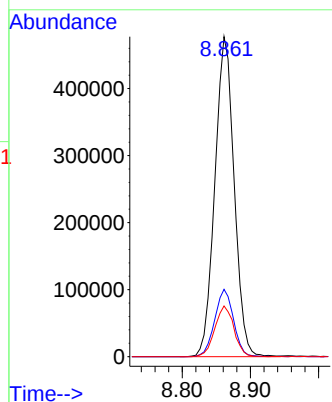
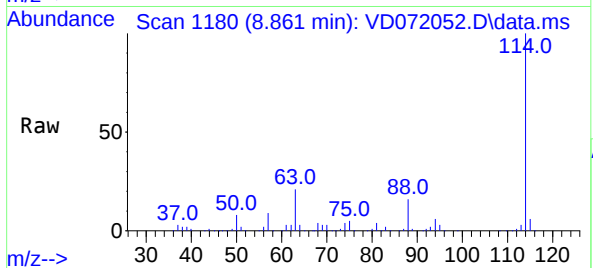




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

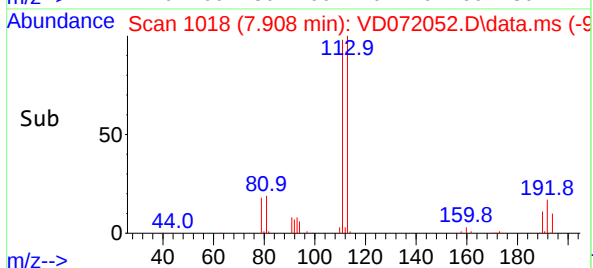
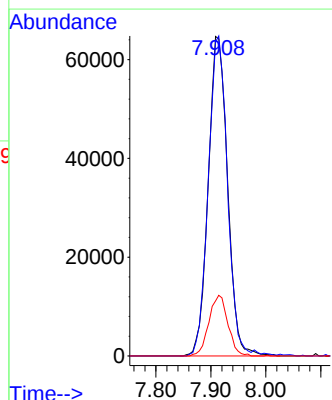
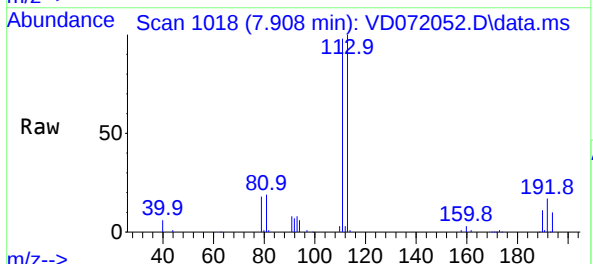
Instrument :
MSVOA_D
ClientSampleId :

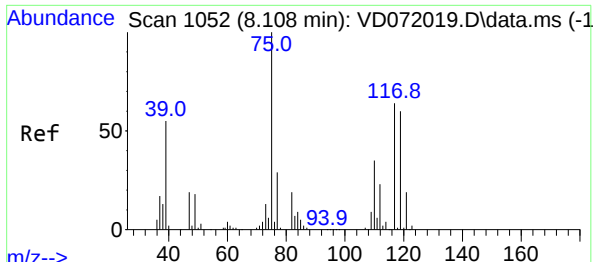
Tgt Ion:114 Resp: 941288
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 15.9 0.0 31.2



#35
Dibromofluoromethane
Concen: 27.717 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Tgt Ion:113 Resp: 158072
Ion Ratio Lower Upper
113 100
111 99.6 83.0 124.4
192 18.7 15.3 22.9

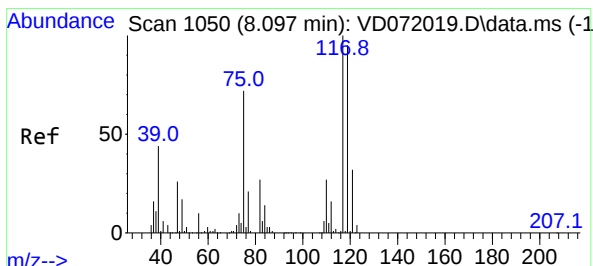
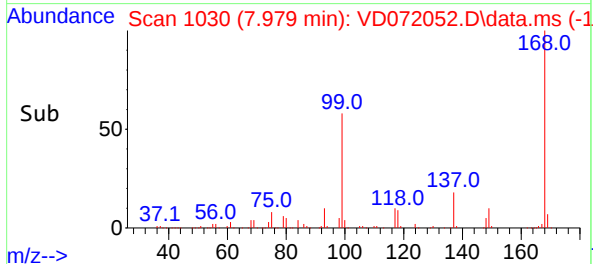
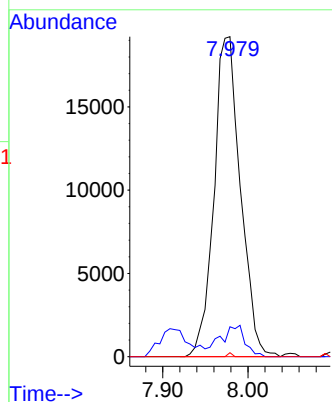
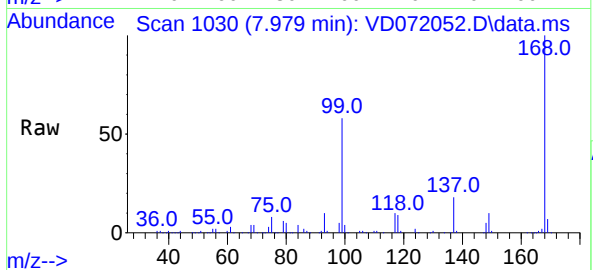




#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

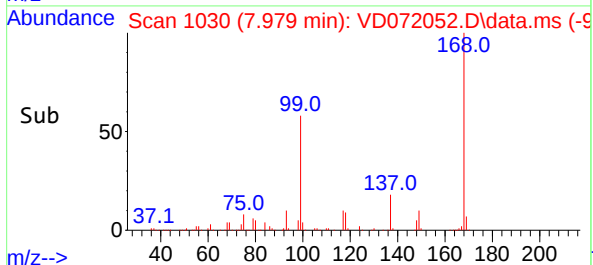
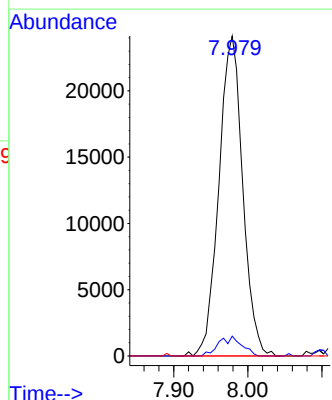
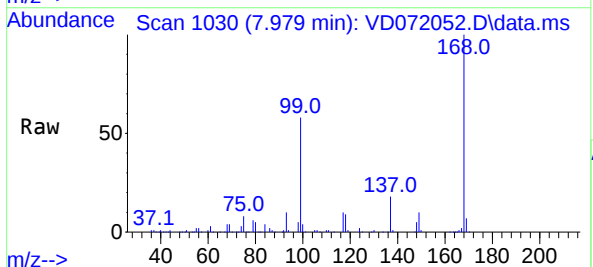
Instrument :
MSVOA_D
ClientSampleId :

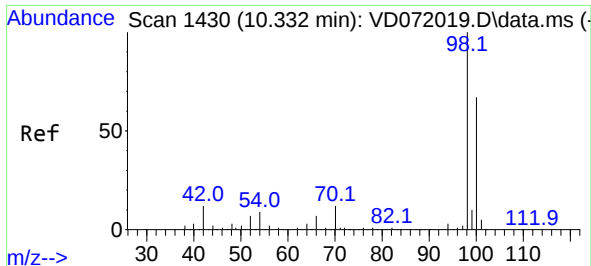
Tgt Ion: 75 Resp: 41515
Ion Ratio Lower Upper
75 100
110 9.2 17.7 53.1#
77 0.2 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.088 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Tgt Ion: 117 Resp: 53904
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 25.8 38.6#

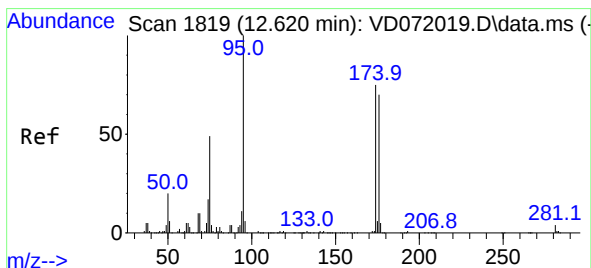
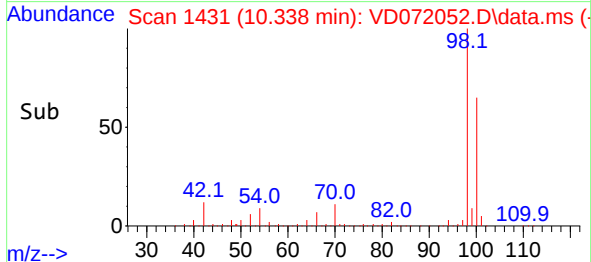
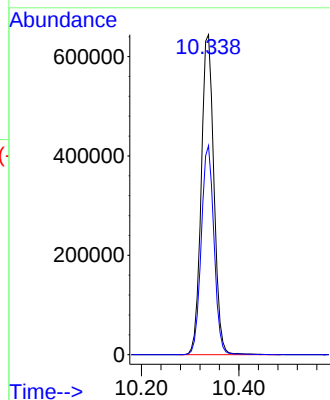
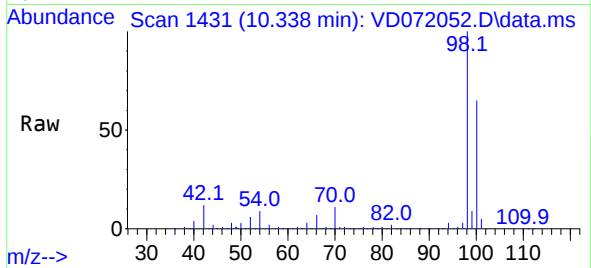




#50
Toluene-d8
Concen: 55.039 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

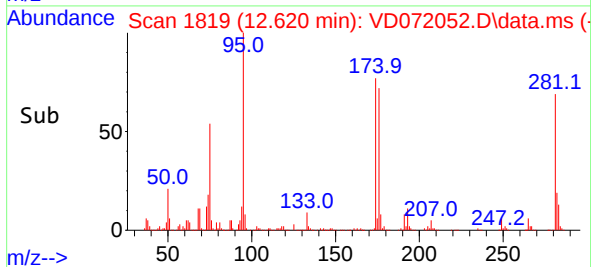
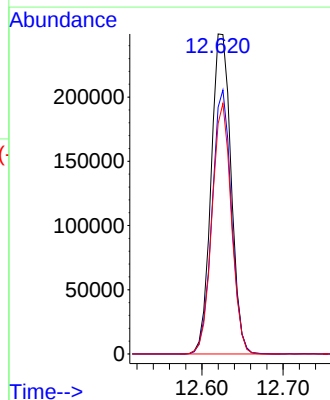
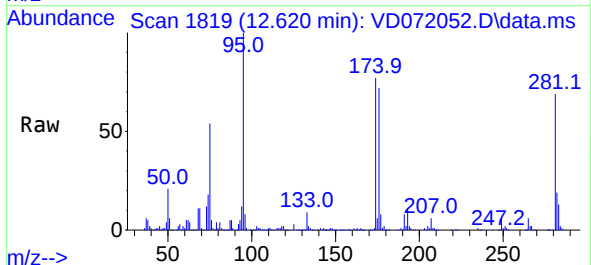
Instrument :
MSVOA_D
ClientSampleId :

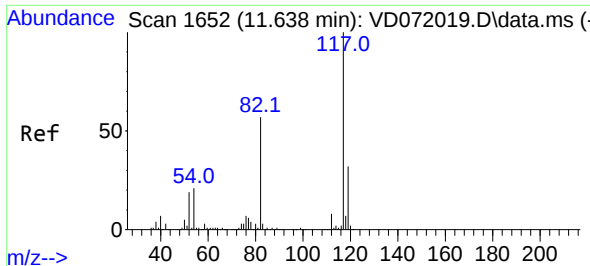
Tgt Ion: 98 Resp: 1164024
Ion Ratio Lower Upper
98 100
100 65.6 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.710 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

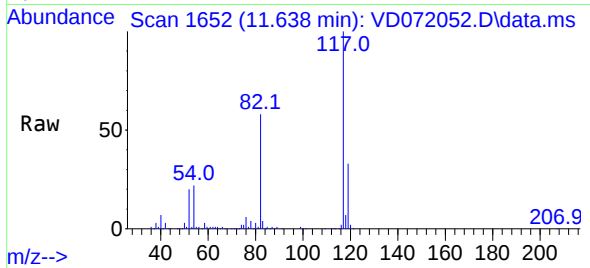
Tgt Ion: 95 Resp: 425025
Ion Ratio Lower Upper
95 100
174 79.9 0.0 155.0
176 75.7 0.0 148.8



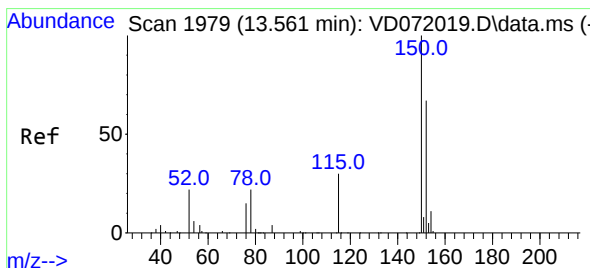
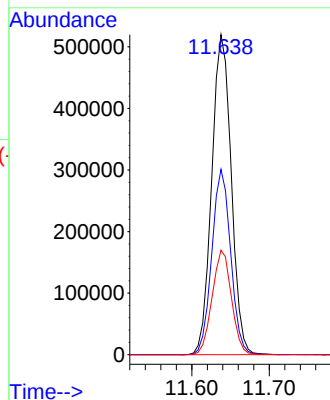
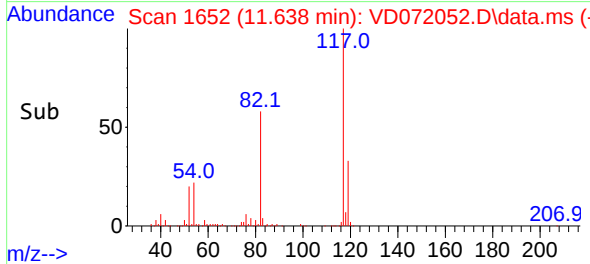


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

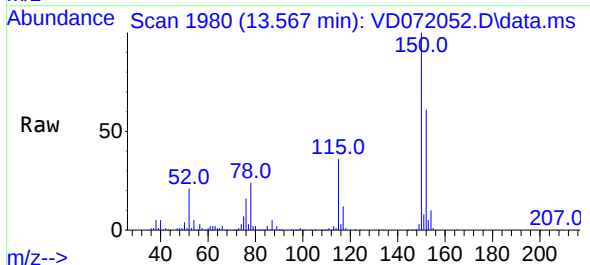
Instrument :
MSVOA_D
ClientSampleId :



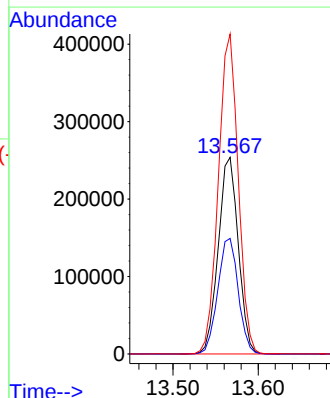
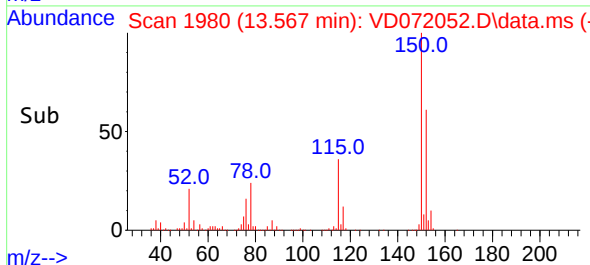
Tgt Ion:117 Resp: 908701
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.6 25.4 38.2

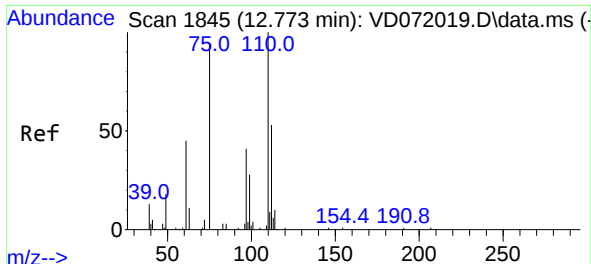


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46



Tgt Ion:152 Resp: 414768
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 160.9 0.0 347.6

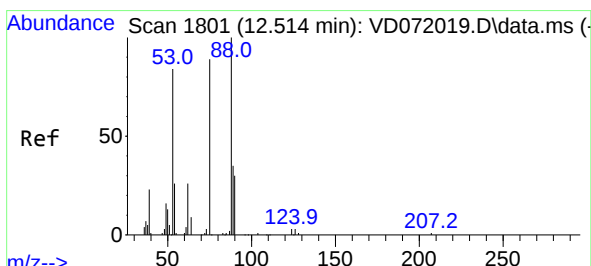
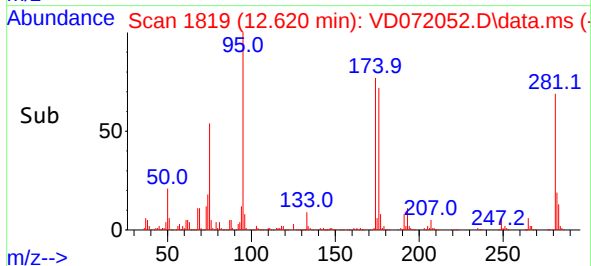
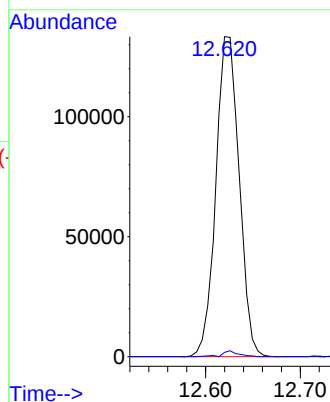
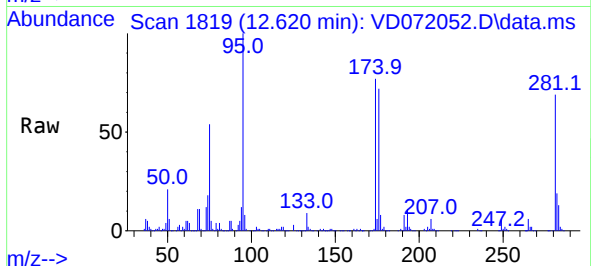




#76
1,2,3-Trichloropropane
Concen: 58.026 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 227973
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.311 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072052.D
Acq: 22 Feb 2022 12:46

Tgt Ion: 75 Resp: 227973
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.9 36.4 54.6#

