

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072064.D
 Acq On : 22 Feb 2022 18:25
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

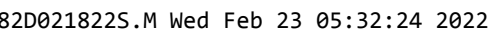
Quant Time: Feb 23 05:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

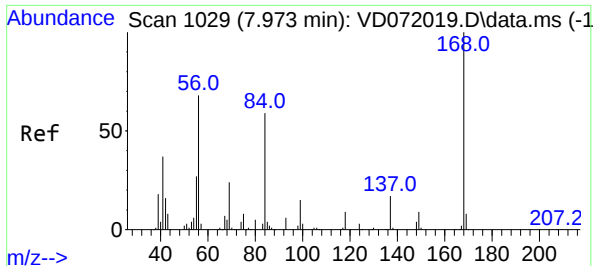
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	413081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	723410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	682499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	316512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244047	56.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.920%	
35) Dibromofluoromethane	7.914	113	221174	50.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.338	98	787861	48.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.626	95	268889	45.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.080%	
Target Compounds						
5) Bromomethane	2.768	94	279	Below Cal	Qvalue 95	
10) Methyl Iodide	4.303	142	888	3.102	ug/l #	56
11) Tert butyl alcohol	5.197	59	401	1.640	ug/l #	80
16) Acetone	4.162	43	17254	18.632	ug/l #	88
18) Methyl Acetate	4.709	43	54	Below Cal	# 52	
20) Methylene Chloride	4.962	84	14711	3.192	ug/l	95
25) 2-Butanone	7.232	43	5421	4.236	ug/l #	76
31) Cyclohexane	7.979	56	9261	1.224	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	34528	5.201	ug/l #	50
38) Carbon Tetrachloride	7.973	117	43442	6.384	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	139336	46.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	139336	116.384	ug/l #	10

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

Quant Time: Feb 23 05:32:18 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

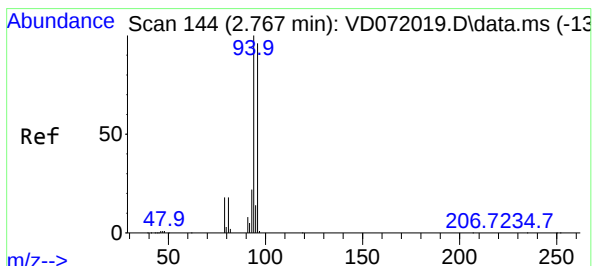
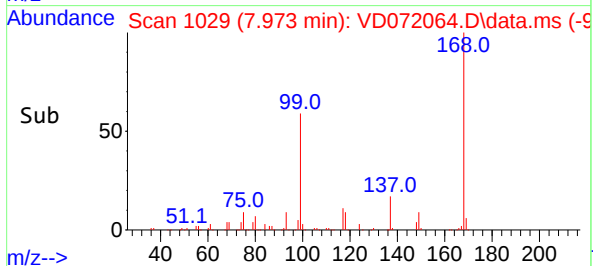
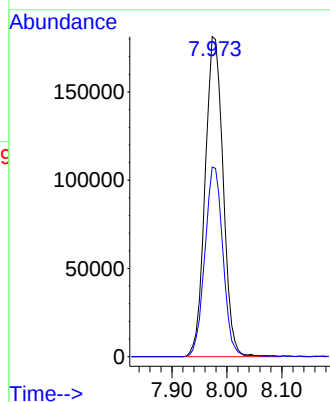
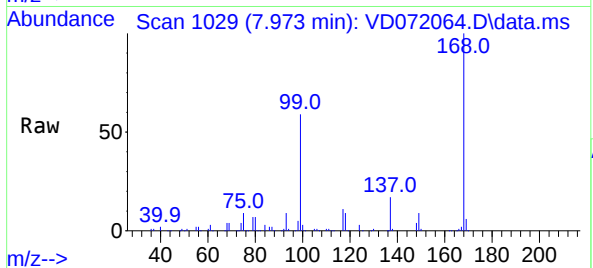




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

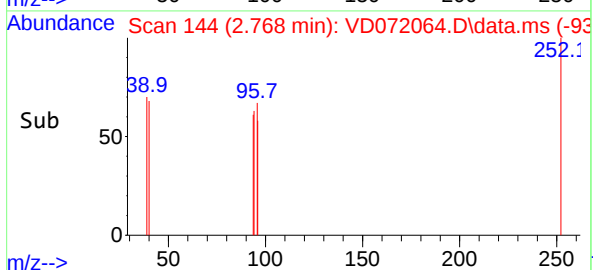
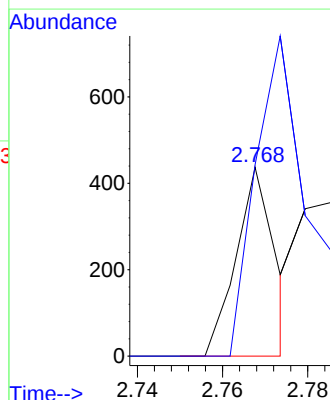
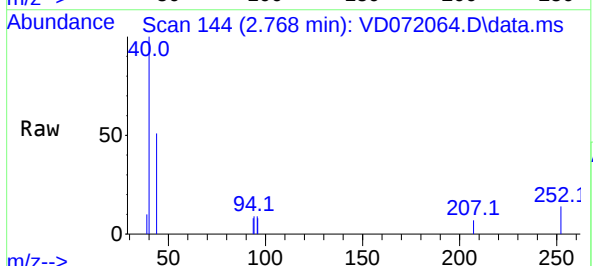
Instrument :
MSVOA_D
ClientSampleId :

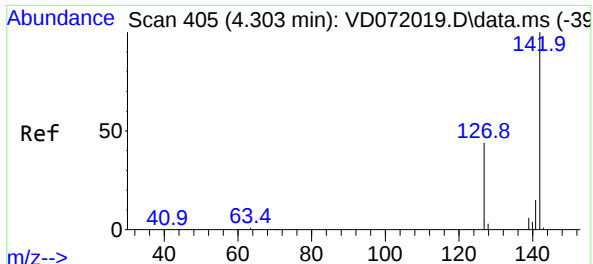
Tgt Ion:168 Resp: 413081
Ion Ratio Lower Upper
168 100
99 59.2 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. 0.001 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

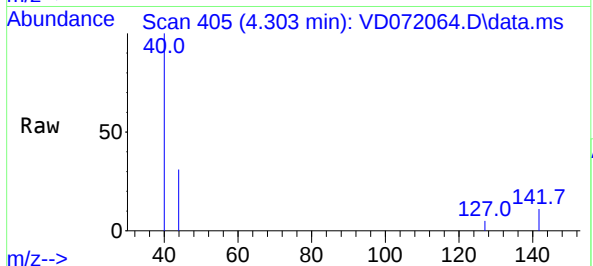
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 101.4 76.8 115.2



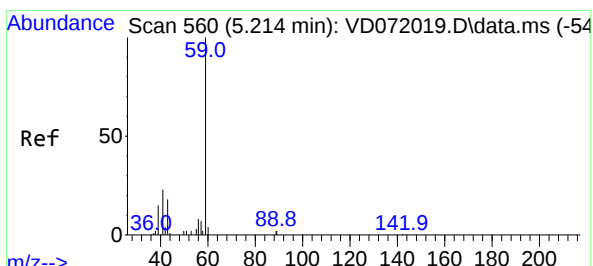
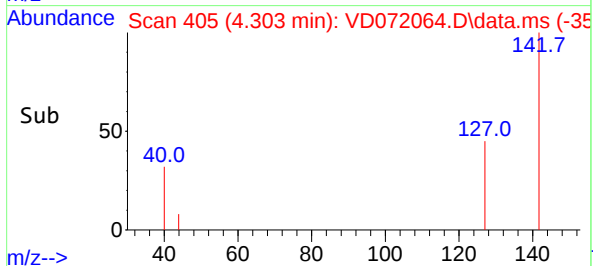
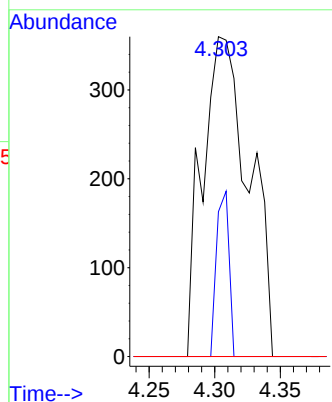


#10
Methyl Iodide
Concen: 3.102 ug/l
RT: 4.303 min Scan# 40
Delta R.T. -0.000 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Instrument :
MSVOA_D
ClientSampleId :

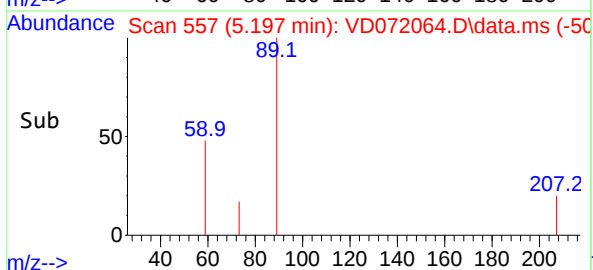
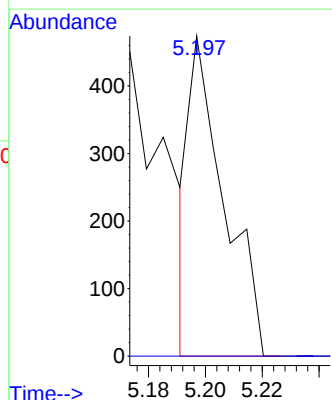
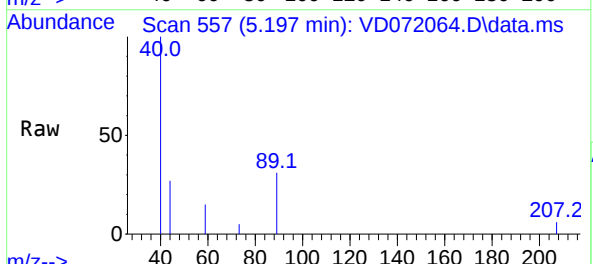


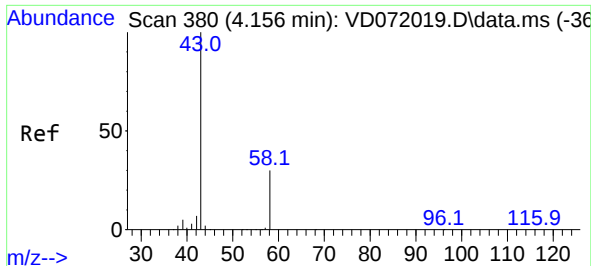
Tgt Ion:142 Resp: 888
Ion Ratio Lower Upper
142 100
127 13.9 35.8 53.8#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.640 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.017 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#

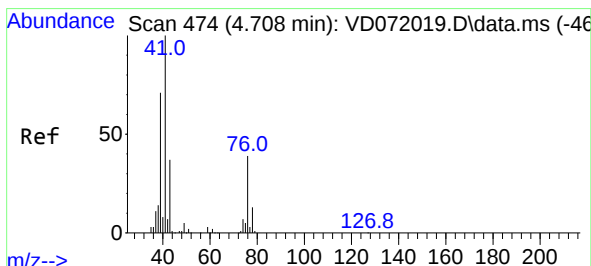
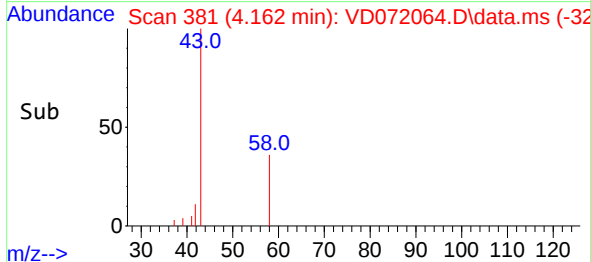
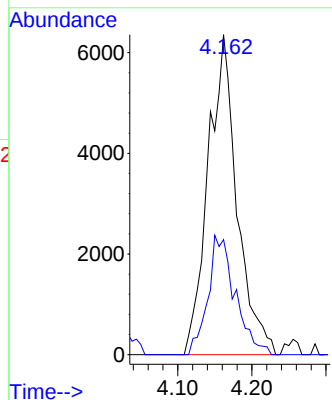
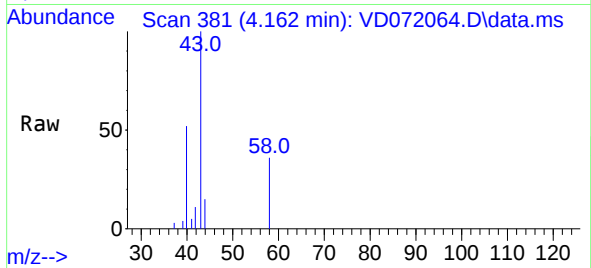




#16
Acetone
Concen: 18.632 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

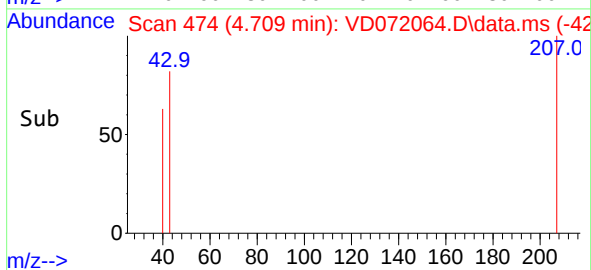
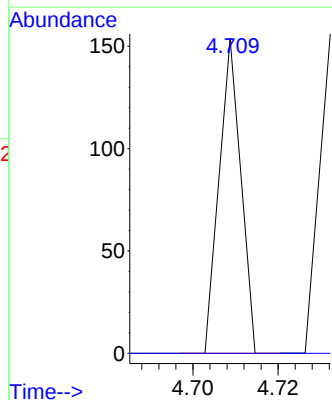
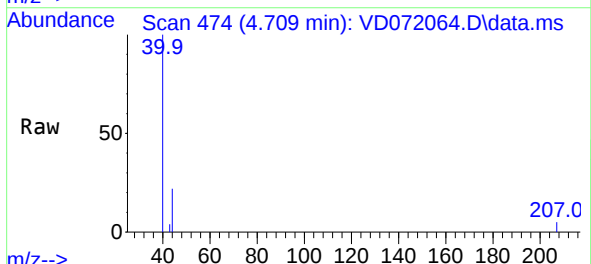
Instrument :
MSVOA_D
ClientSampleId :

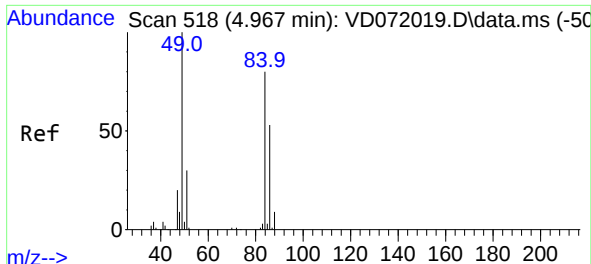
Tgt Ion: 43 Resp: 17254
Ion Ratio Lower Upper
43 100
58 35.9 23.8 35.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. 0.001 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

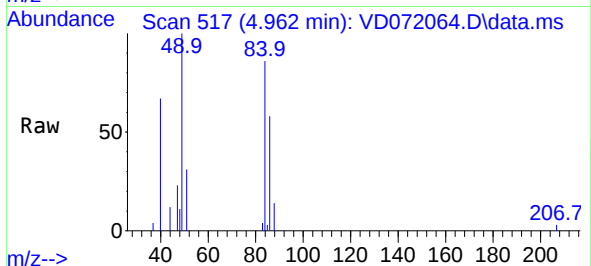
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#





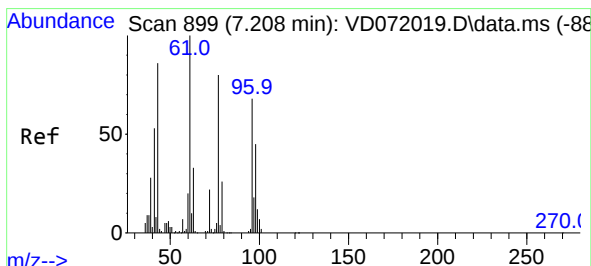
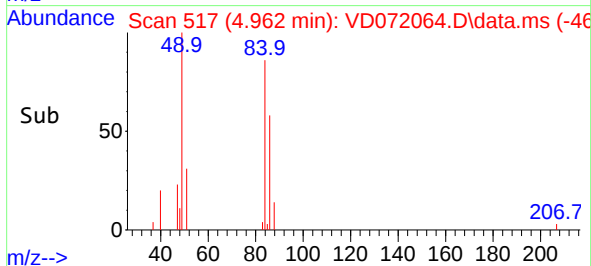
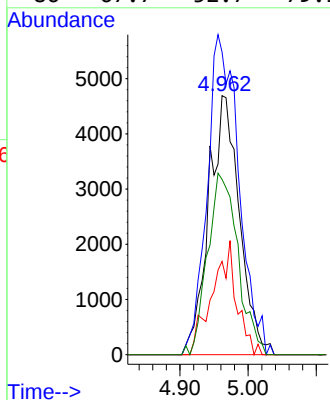
#20
Methylene Chloride
Concen: 3.192 ug/l
RT: 4.962 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 14711

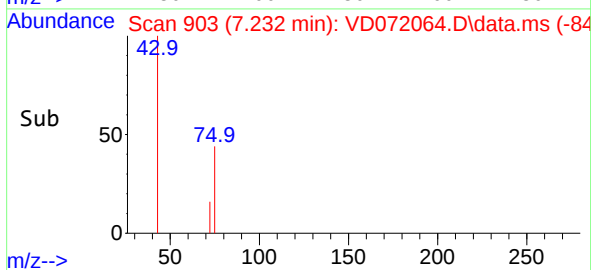
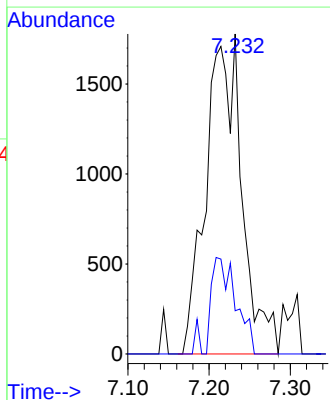
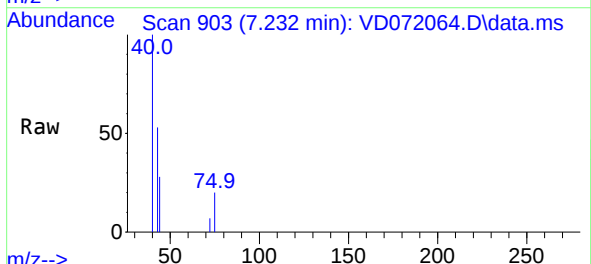
Ion	Ratio	Lower	Upper
84	100		
49	116.8	100.0	150.0
51	36.0	30.2	45.4
86	67.7	52.7	79.1

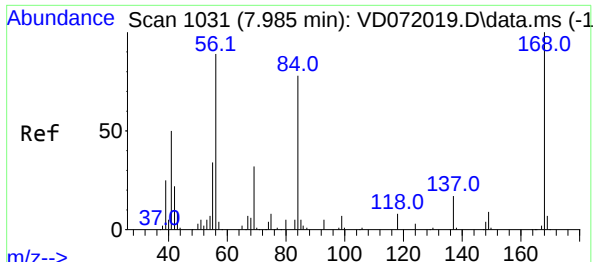


#25
2-Butanone
Concen: 4.236 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.024 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Tgt Ion: 43 Resp: 5421

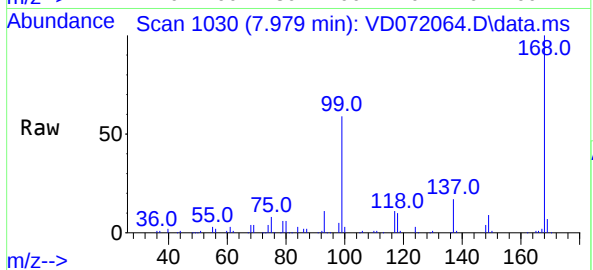
Ion	Ratio	Lower	Upper
43	100		
72	13.5	20.3	30.5



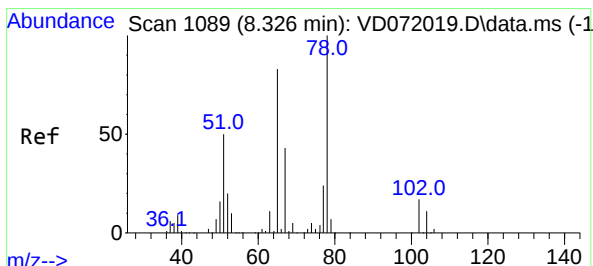
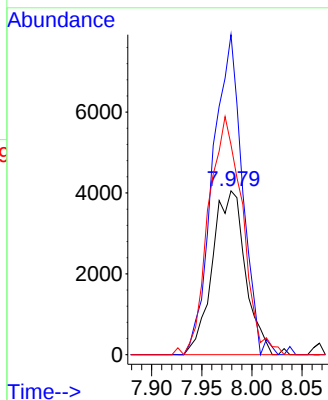
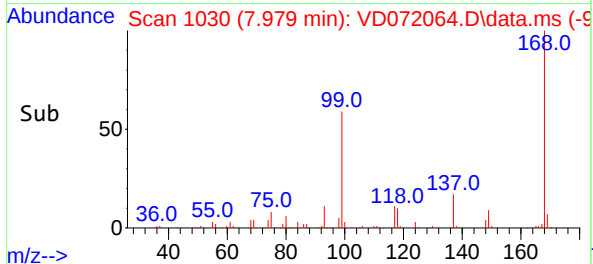


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

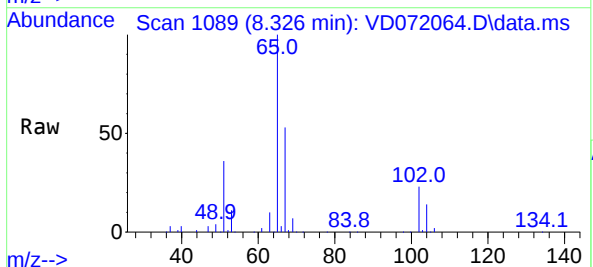
Instrument :
MSVOA_D
ClientSampleId :



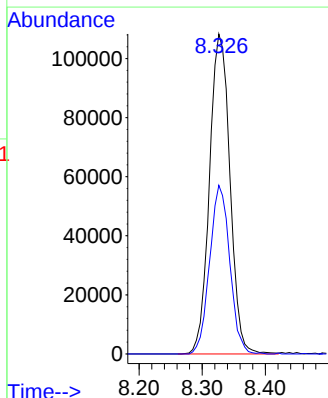
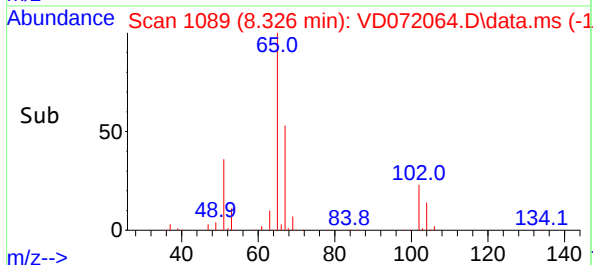
Tgt Ion: 56 Resp: 9261
Ion Ratio Lower Upper
56 100
69 195.2 28.9 43.3#
84 123.9 70.6 105.8#

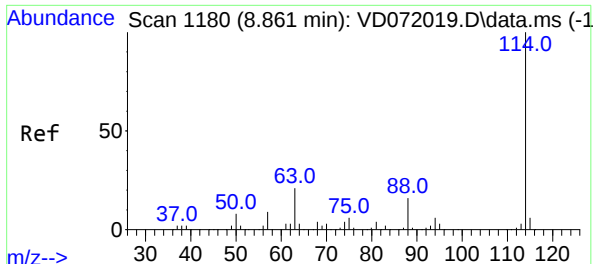


#33
1,2-Dichloroethane-d4
Concen: 56.956 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25



Tgt Ion: 65 Resp: 244047
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6

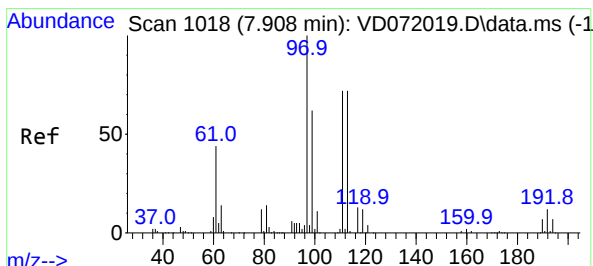
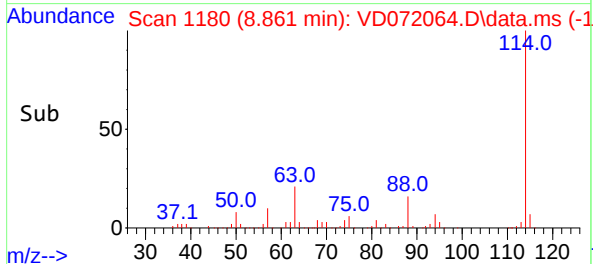
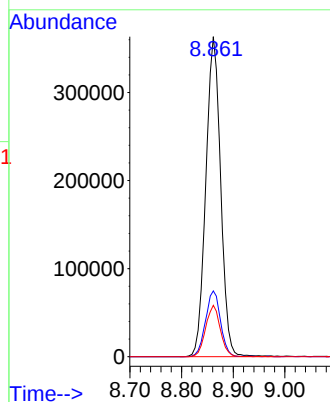
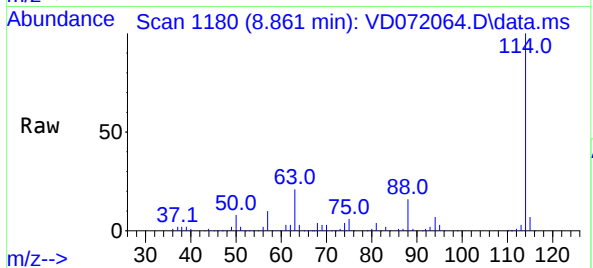




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

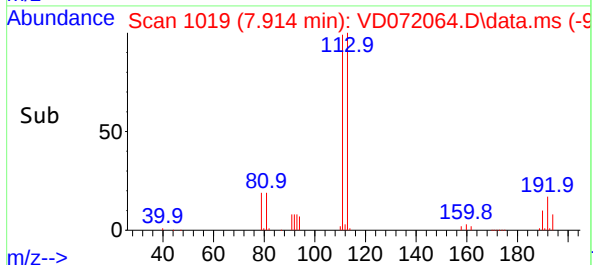
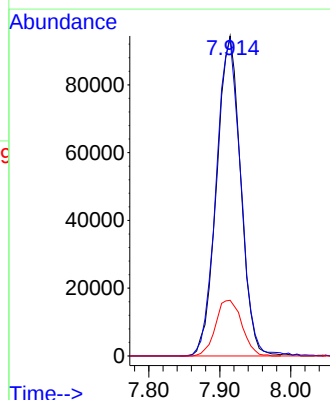
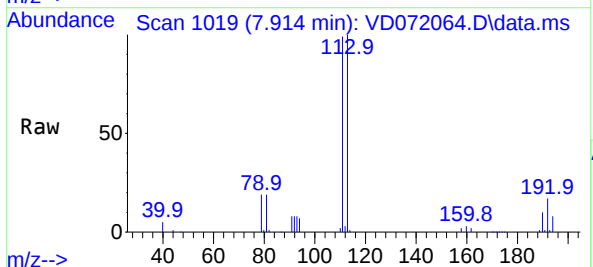
Instrument :
MSVOA_D
ClientSampleId :

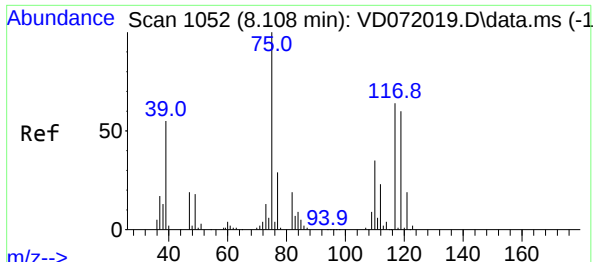
Tgt Ion:114 Resp: 723410
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 16.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.463 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

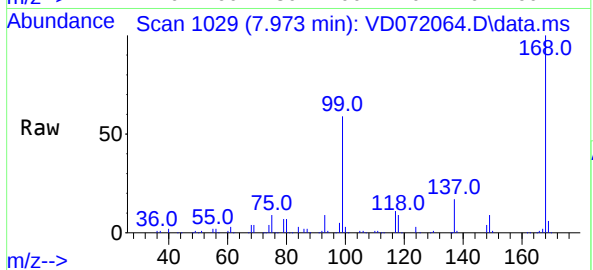
Tgt Ion:113 Resp: 221174
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 19.1 15.3 22.9



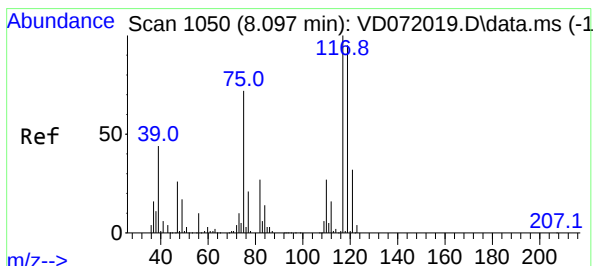
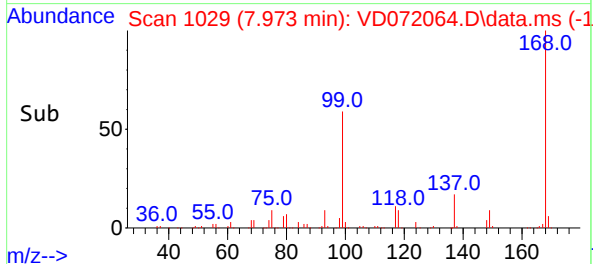
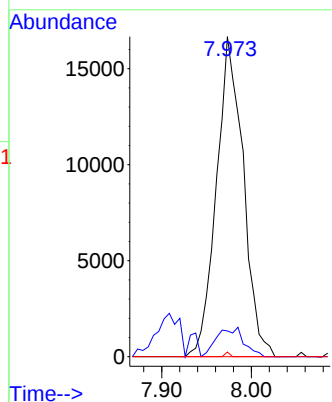


#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Instrument :
MSVOA_D
ClientSampleId :

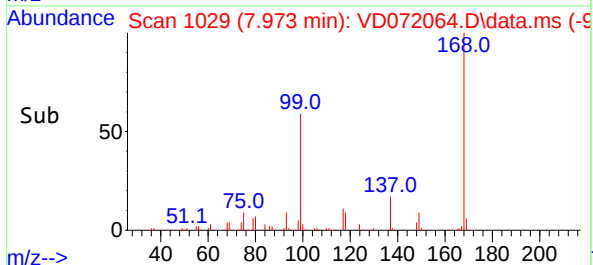
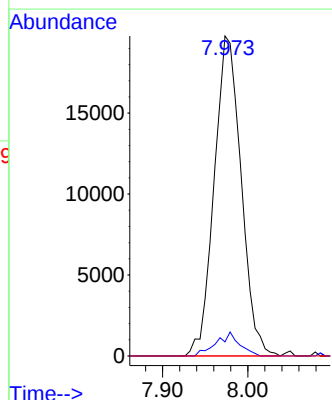
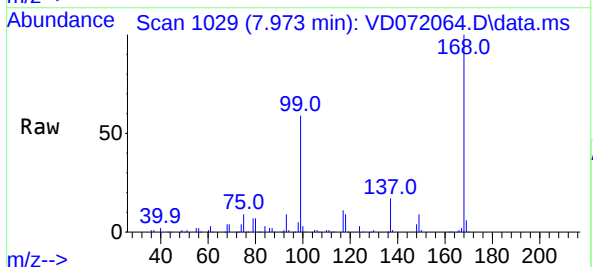


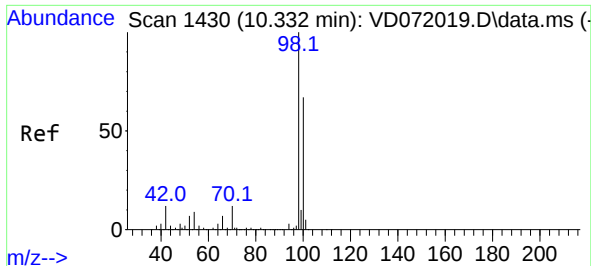
Tgt Ion: 75 Resp: 34528
Ion Ratio Lower Upper
75 100
110 9.0 17.7 53.1#
77 0.2 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.384 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Tgt Ion: 117 Resp: 43442
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 25.8 38.6#

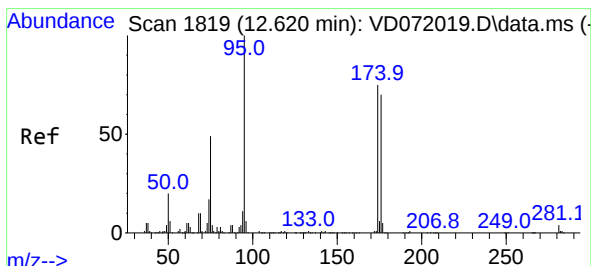
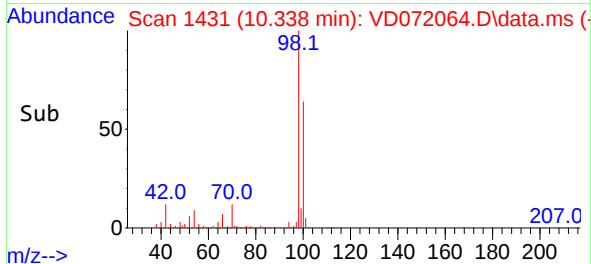
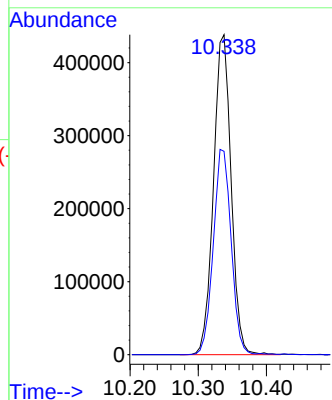
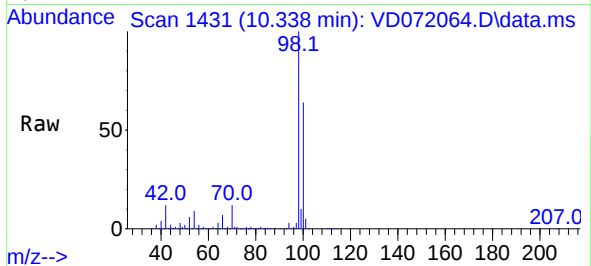




#50
Toluene-d8
Concen: 48.473 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

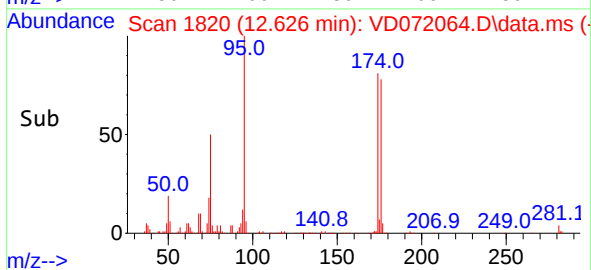
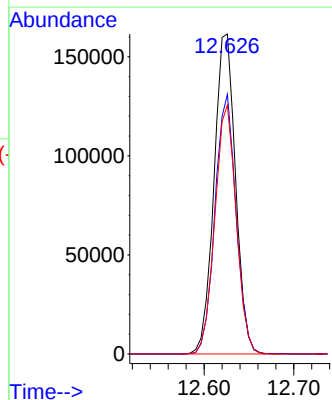
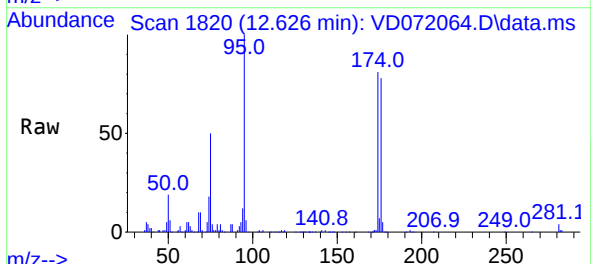
Instrument :
MSVOA_D
ClientSampleId :

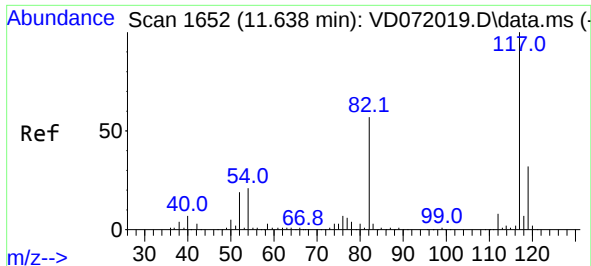
Tgt Ion: 98 Resp: 787861
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 45.037 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Tgt Ion: 95 Resp: 268889
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.0
176 76.8 0.0 148.8

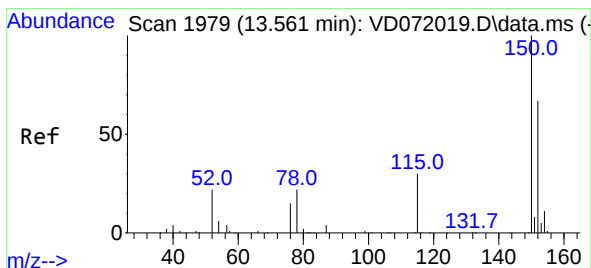
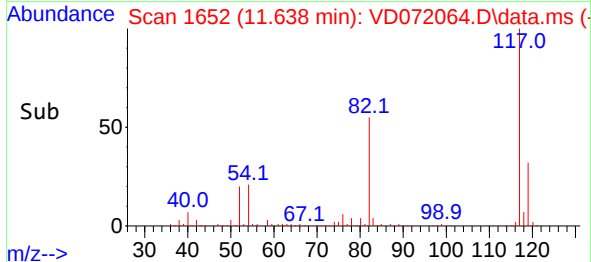
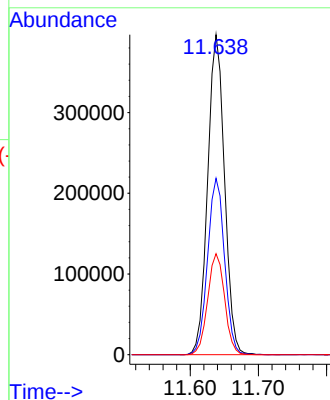
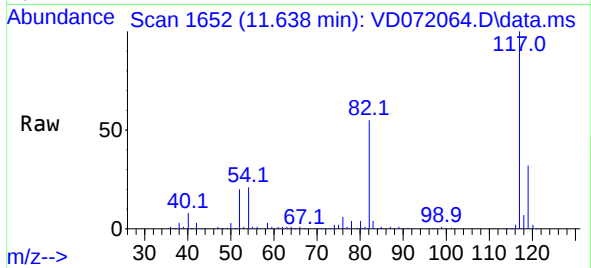




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

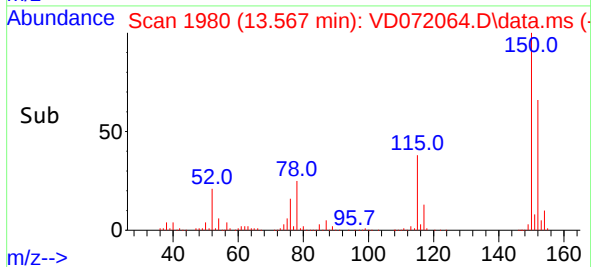
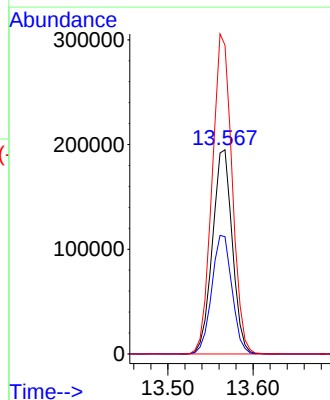
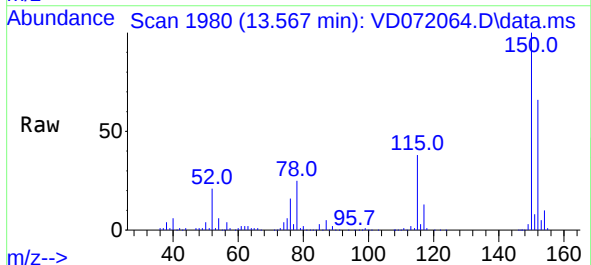
Instrument :
MSVOA_D
ClientSampleId :

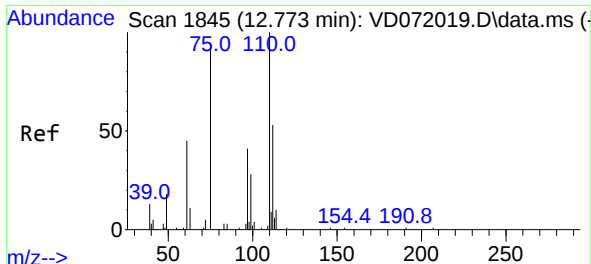
Tgt Ion:117 Resp: 682499
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Tgt Ion:152 Resp: 316512
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 157.2 0.0 347.6

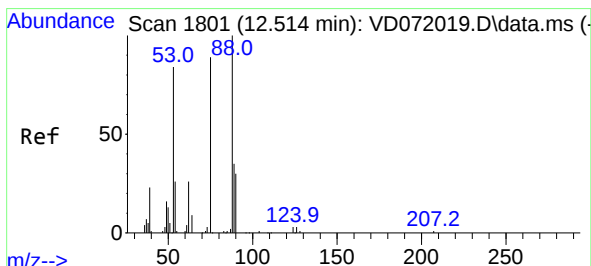
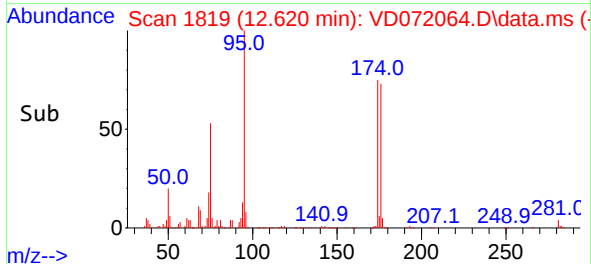
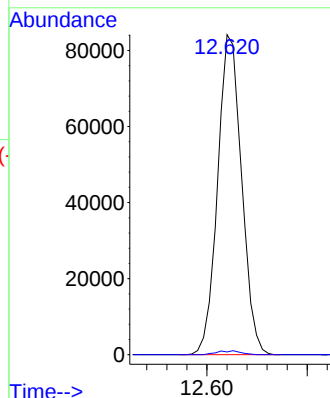
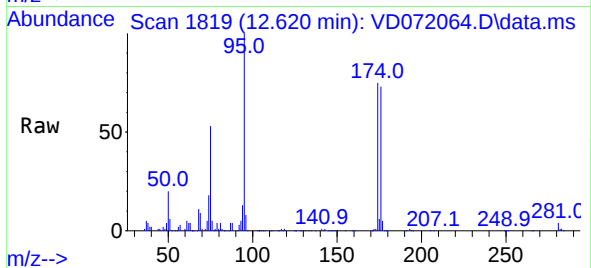




#76
1,2,3-Trichloropropane
Concen: 46.475 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 139336
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.384 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072064.D
Acq: 22 Feb 2022 18:25

Tgt Ion: 75 Resp: 139336
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#

