

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072477.D
 Acq On : 30 Mar 2022 14:20
 Operator : VA/SY
 Sample : N2103-09
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20019RE

Quant Time: Mar 31 03:08:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

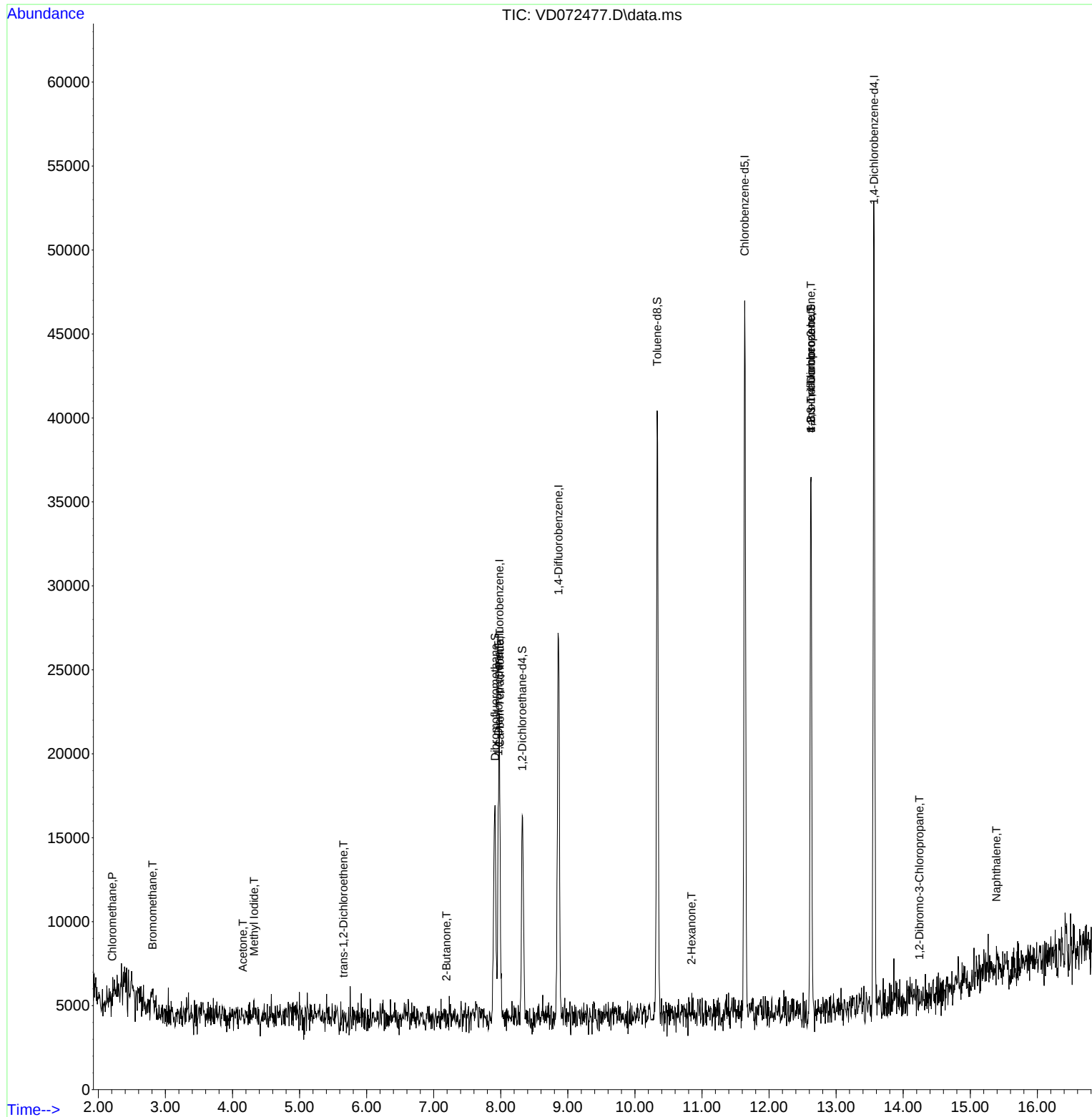
Internal Standards						
1) Pentafluorobenzene	7.979	168	12505	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	20210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	11270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9663	63.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.760%	
35) Dibromofluoromethane	7.914	113	9166	58.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.720%	
50) Toluene-d8	10.332	98	25385	46.497	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.000%	
62) 4-Bromofluorobenzene	12.626	95	11535	54.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	613	6.678	ug/l	# 40
5) Bromomethane	2.809	94	805	11.380	ug/l	# 68
10) Methyl Iodide	4.320	142	550	7.532	ug/l	# 38
16) Acetone	4.156	43	208	7.374	ug/l	# 47
21) trans-1,2-Dichloroethene	5.656	96	59	1.178	ug/l	# 1
25) 2-Butanone	7.191	43	70	1.794	ug/l	# 52
36) 1,1-Dichloropropene	7.967	75	1230	7.114	ug/l	# 54
38) Carbon Tetrachloride	7.985	117	1330	6.147	ug/l	# 13
59) 2-Hexanone	10.844	43	66	1.133	ug/l	# 27
76) 1,2,3-Trichloropropane	12.626	75	5344	43.476	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	5344	106.683	ug/l	# 7
92) 1,2-Dibromo-3-Chloropr...	14.243	75	58	2.275	ug/l	# 6
95) Naphthalene	15.390	128	855	1.904	ug/l	# 70

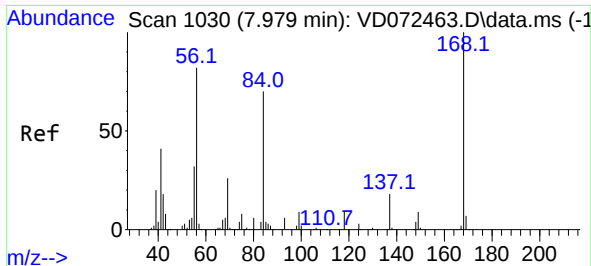
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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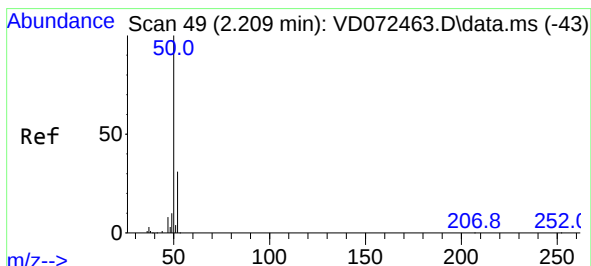
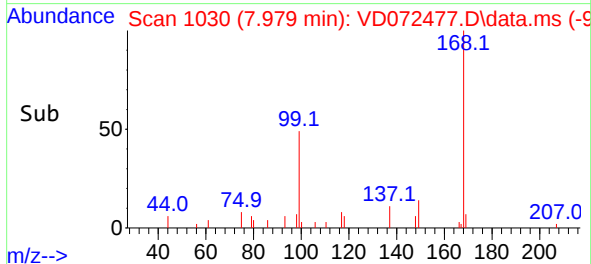
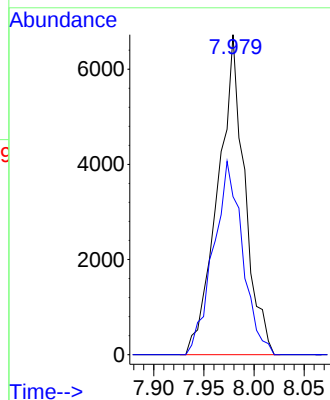
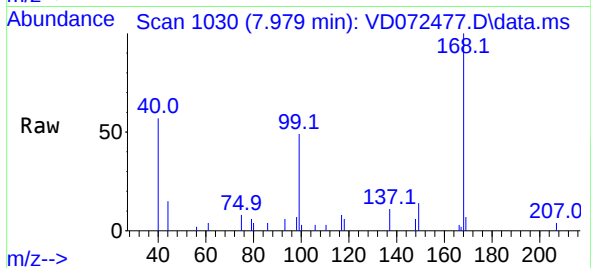




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

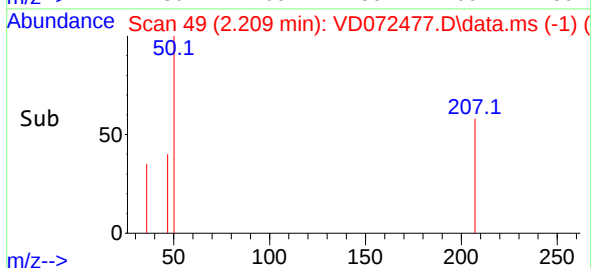
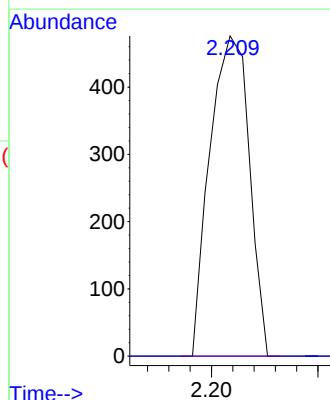
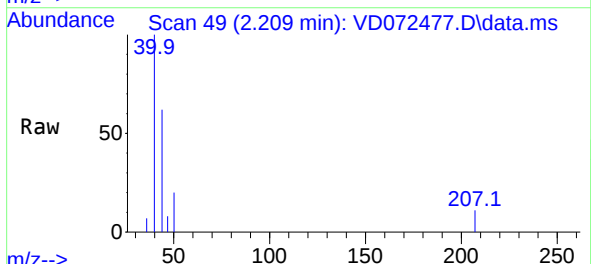
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20019RE

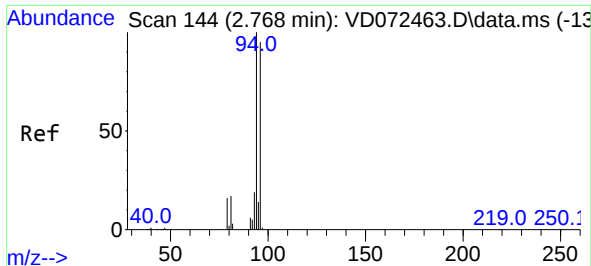
Tgt Ion:168 Resp: 12505
Ion Ratio Lower Upper
168 100
99 49.4 49.8 74.6#



#3
Chloromethane
Concen: 6.678 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

Tgt Ion: 50 Resp: 613
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

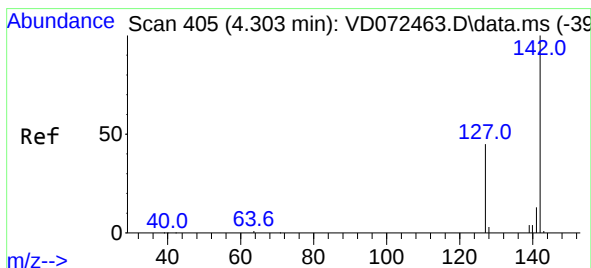
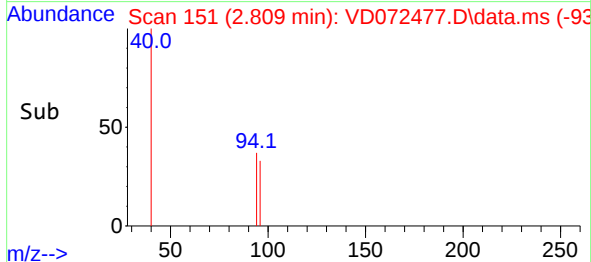
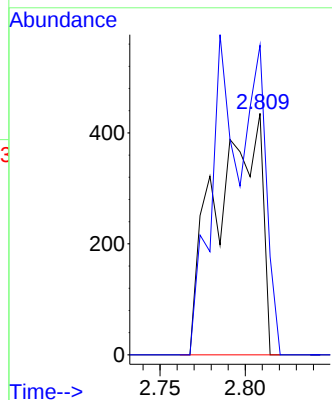
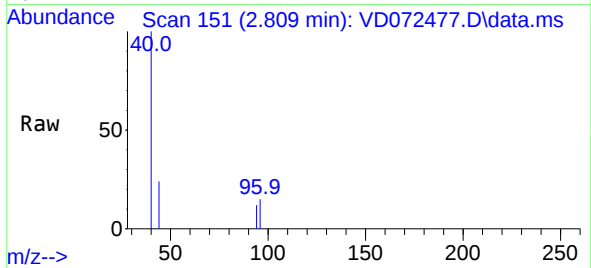




#5
Bromomethane
Concen: 11.380 ug/l
RT: 2.809 min Scan# 11
Delta R.T. 0.041 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

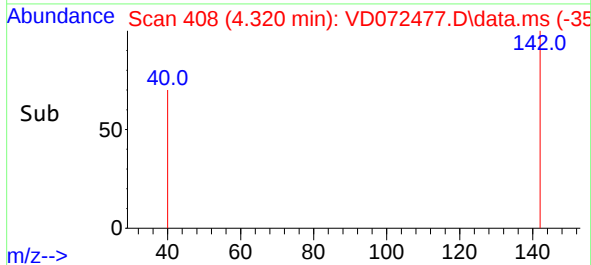
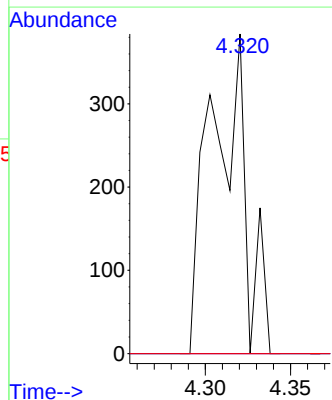
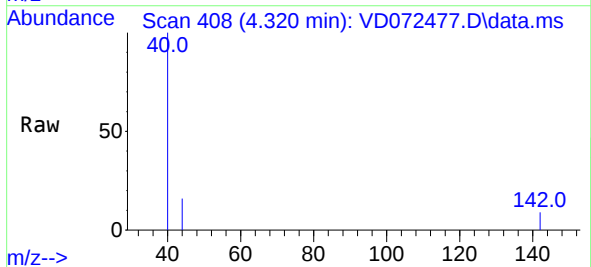
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20019RE

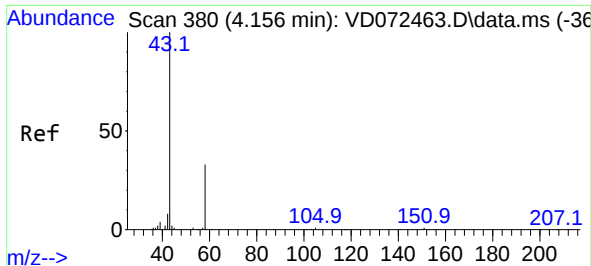
Tgt Ion: 94 Resp: 805
Ion Ratio Lower Upper
94 100
96 128.3 77.6 116.4#



#10
Methyl Iodide
Concen: 7.532 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

Tgt Ion:142 Resp: 550
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

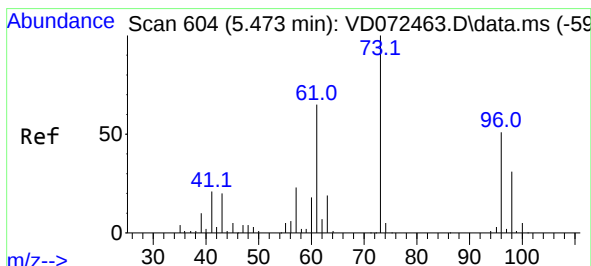
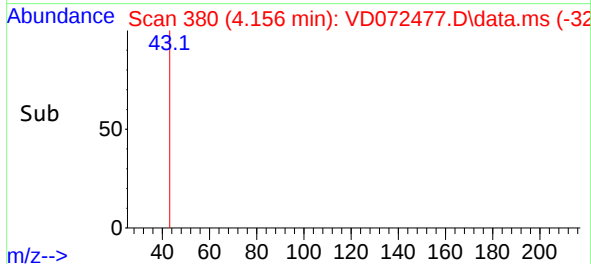
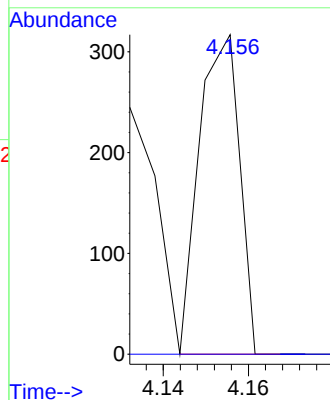
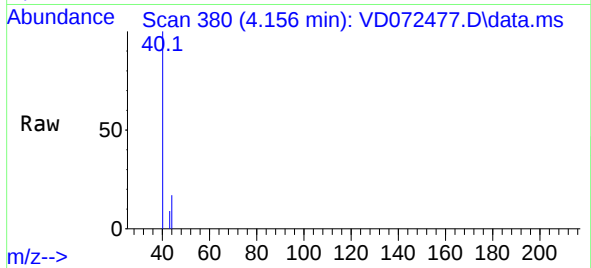




#16
Acetone
Concen: 7.374 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

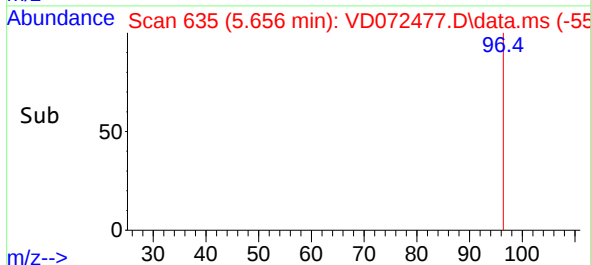
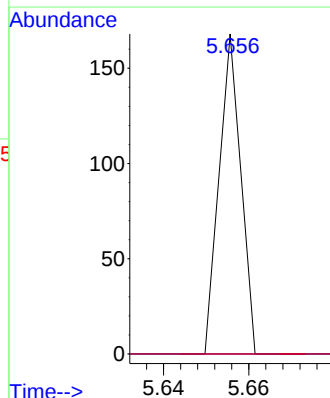
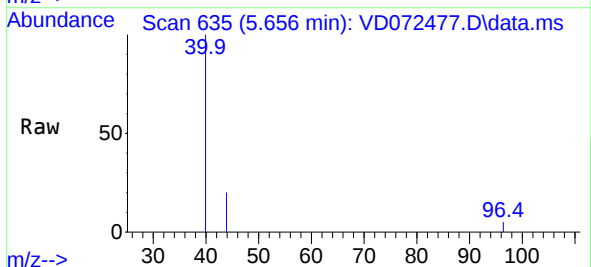
Instrument :
MSVOA_D
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CHRT-20019RE

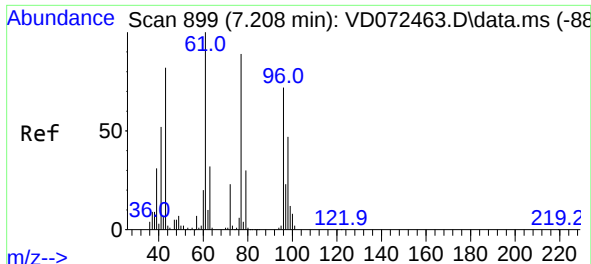
Tgt Ion: 43 Resp: 208
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#21
trans-1,2-Dichloroethene
Concen: 1.178 ug/l
RT: 5.656 min Scan# 635
Delta R.T. 0.183 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

Tgt Ion: 96 Resp: 59
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#

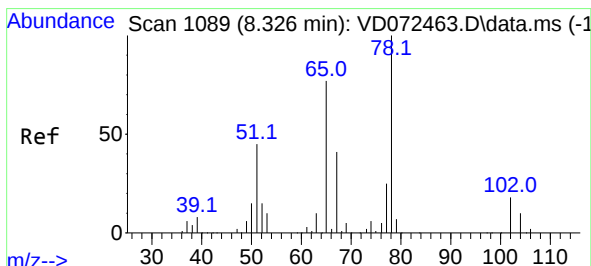
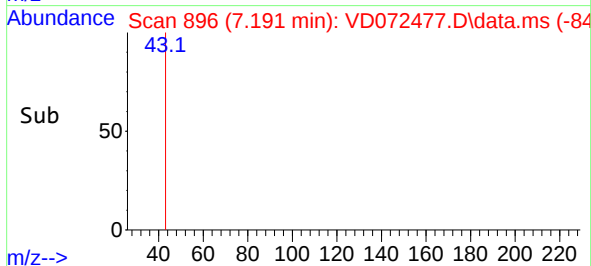
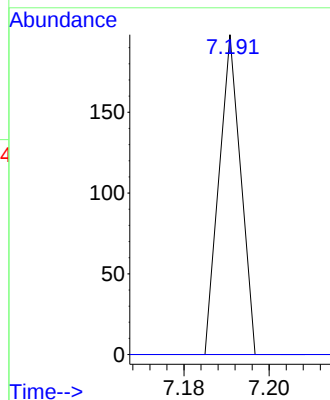
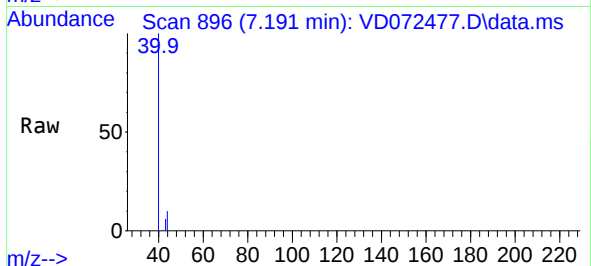




#25
2-Butanone
Concen: 1.794 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.018 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

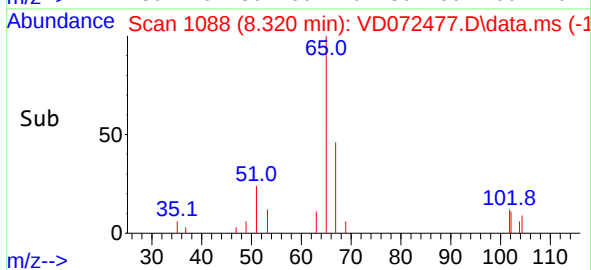
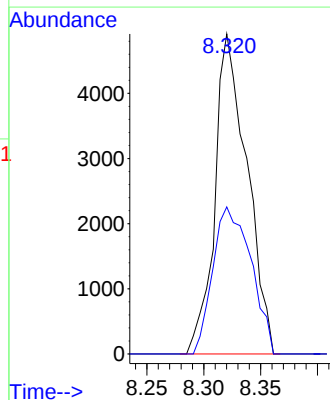
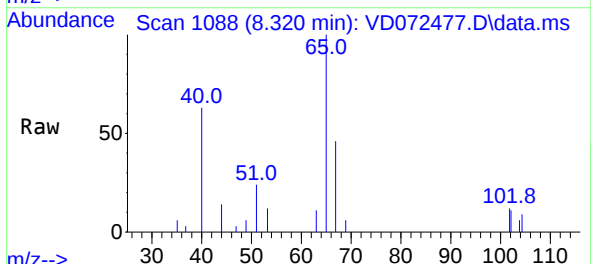
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20019RE

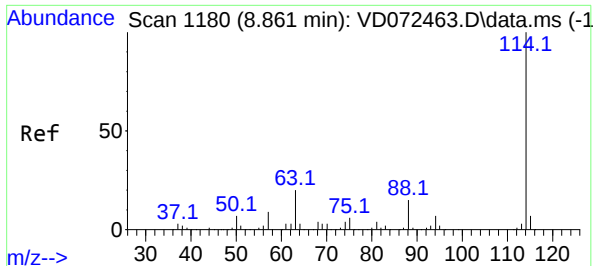
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#33
1,2-Dichloroethane-d4
Concen: 63.878 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

Tgt Ion: 65 Resp: 9663
Ion Ratio Lower Upper
65 100
67 54.6 0.0 101.4

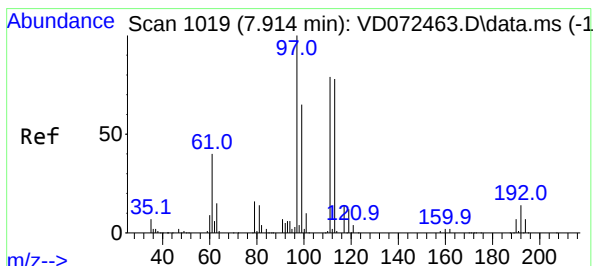
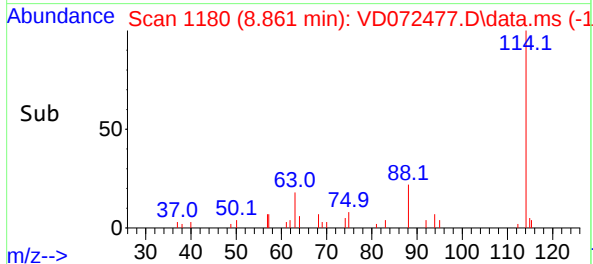
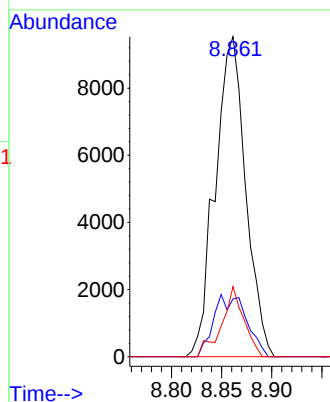
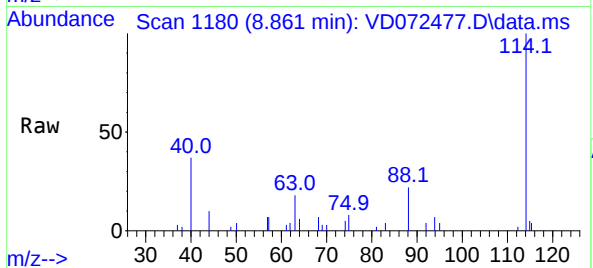




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

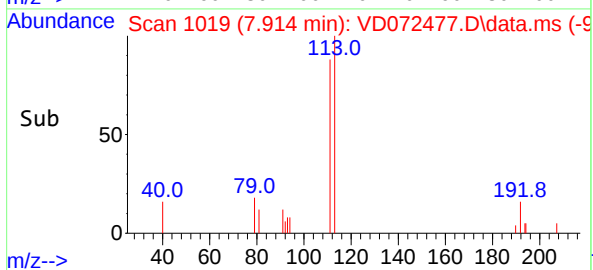
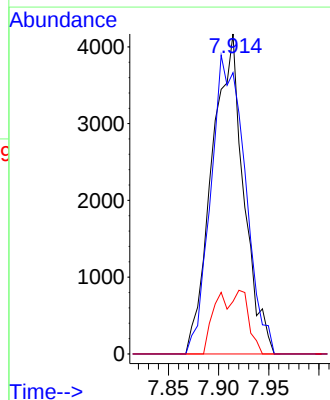
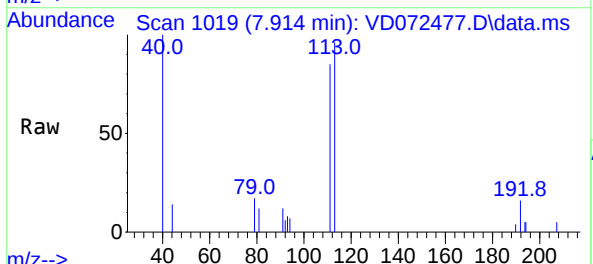
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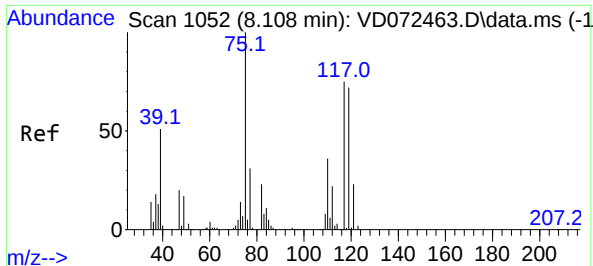
Tgt Ion:114	Resp:	20210
Ion Ratio	Lower	Upper
114	100	
63	18.1	0.0 46.6
88	21.9	0.0 33.2



#35
Dibromofluoromethane
Concen: 58.360 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

Tgt Ion:113	Resp:	9166
Ion Ratio	Lower	Upper
113	100	
111	100.5	83.8 125.6
192	9.4	14.6 21.8#





#36

1,1-Dichloropropene

Concen: 7.114 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD072477.D

Acq: 30 Mar 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

CHRT-20019RE

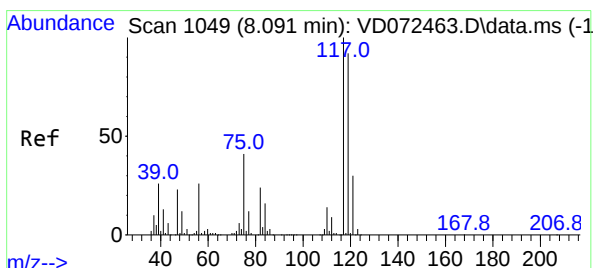
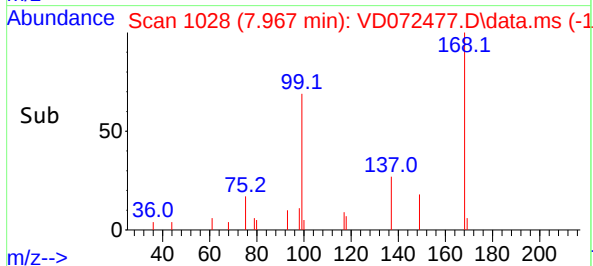
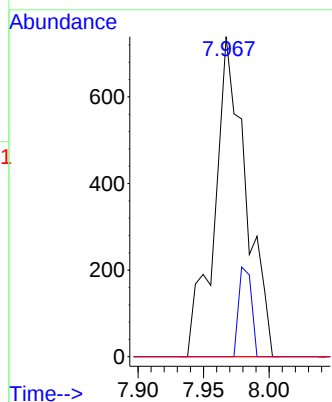
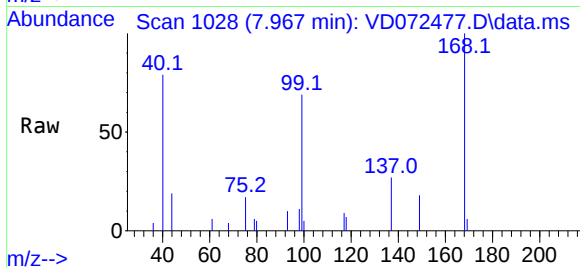
Tgt Ion: 75 Resp: 1230

Ion Ratio Lower Upper

75 100

110 11.4 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.147 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.106 min

Lab File: VD072477.D

Acq: 30 Mar 2022 14:20

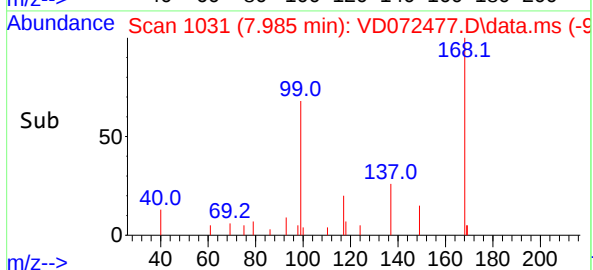
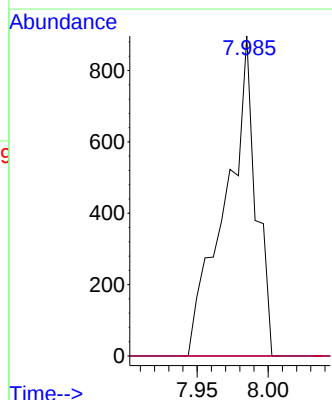
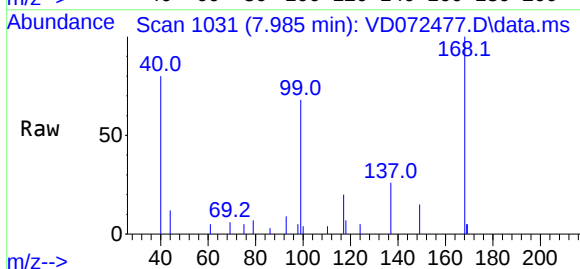
Tgt Ion: 117 Resp: 1330

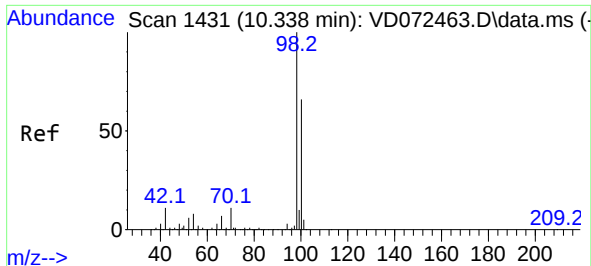
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#

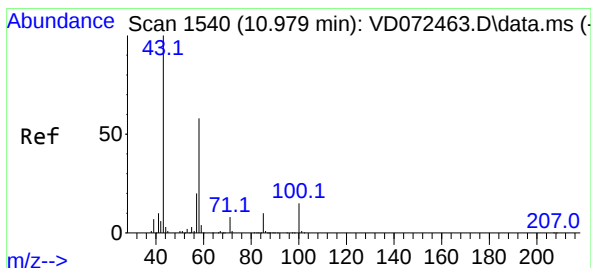
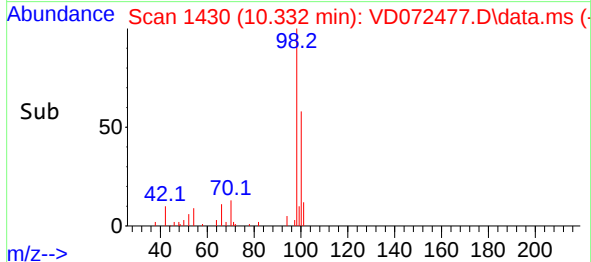
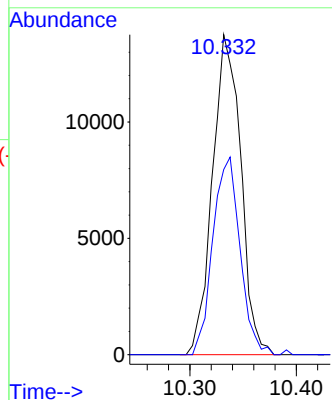
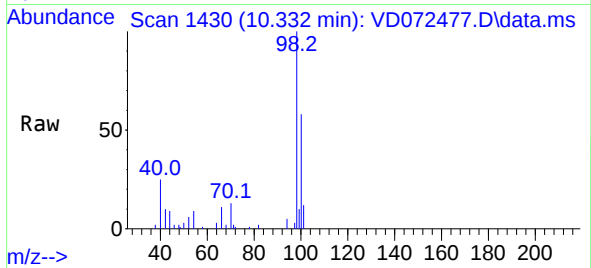




#50
Toluene-d8
Concen: 46.497 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

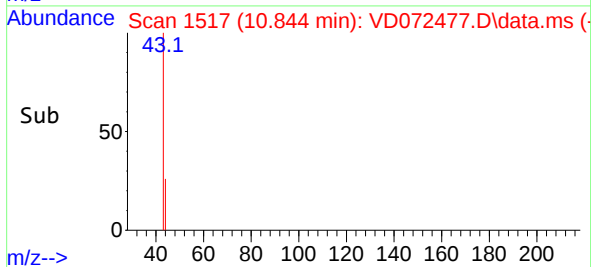
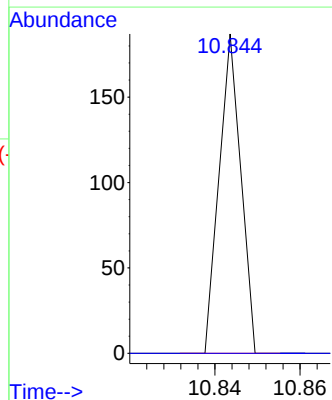
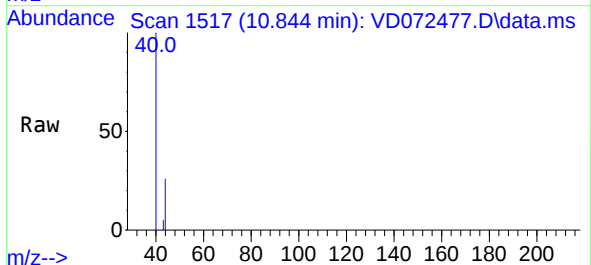
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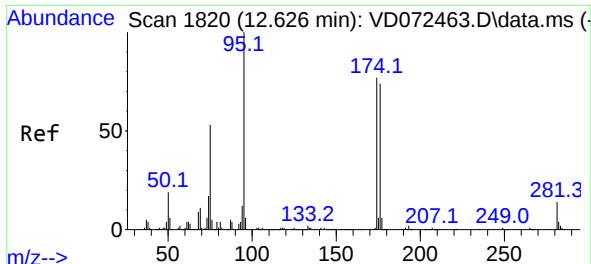
Tgt Ion: 98 Resp: 25385
Ion Ratio Lower Upper
98 100
100 59.3 52.4 78.6



#59
2-Hexanone
Concen: 1.133 ug/l
RT: 10.844 min Scan# 1517
Delta R.T. -0.135 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

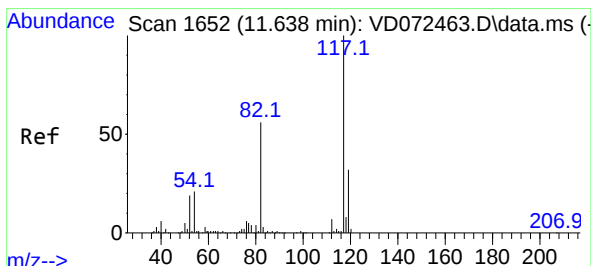
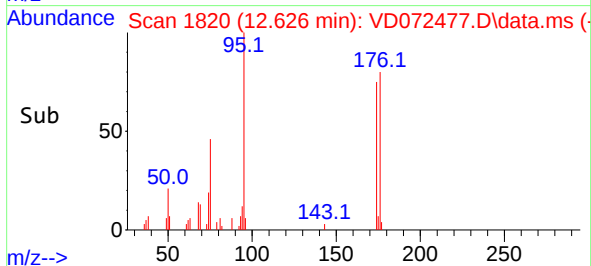
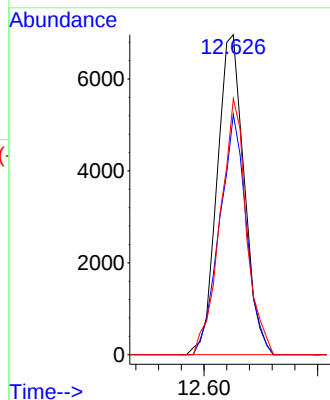
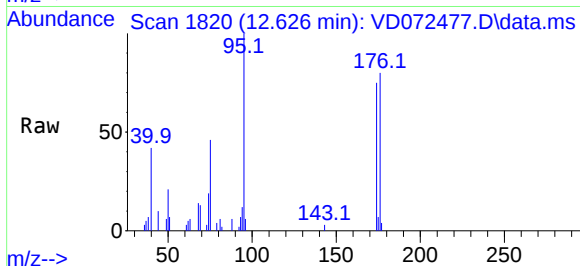




#62
4-Bromofluorobenzene
Concen: 54.100 ug/l
RT: 12.626 min Scan# 11535
Delta R.T. 0.000 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

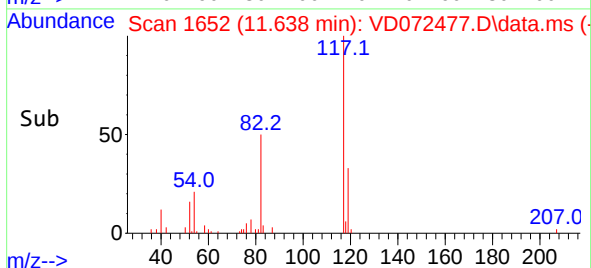
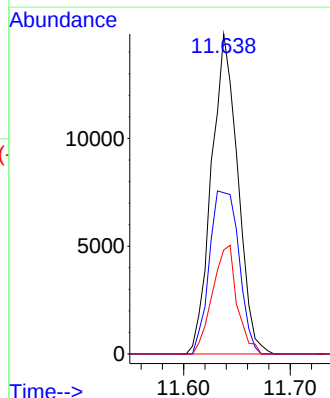
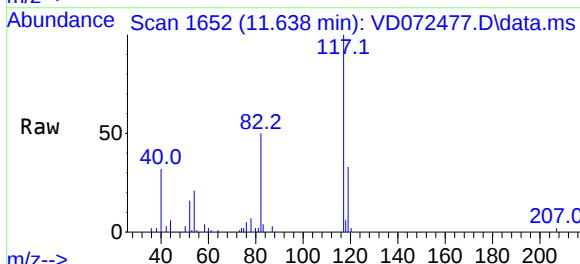
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20019RE

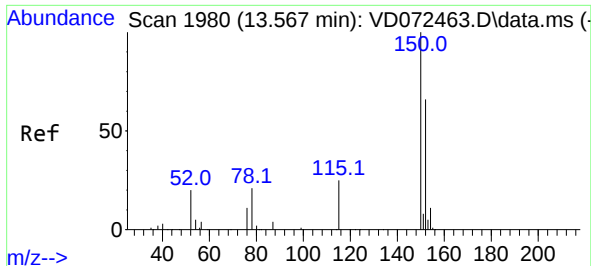
Tgt Ion:	95	Resp:	11535
Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	152.8
176	77.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

Tgt Ion:	117	Resp:	25402
Ion	Ratio	Lower	Upper
117	100		
82	50.4	45.3	67.9
119	32.5	26.6	40.0

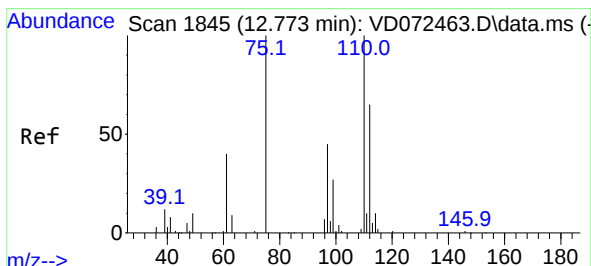
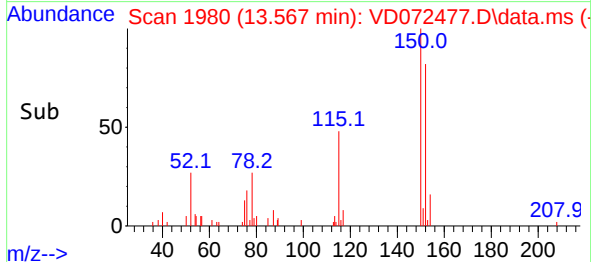
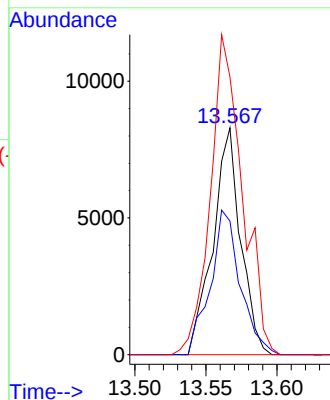
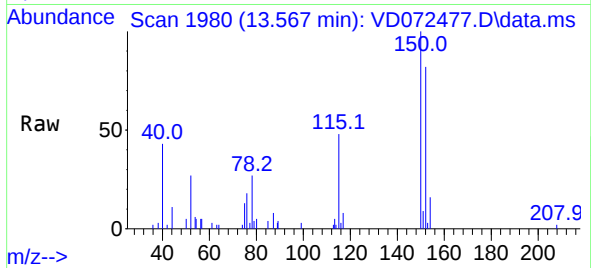




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD072477.D
 Acq: 30 Mar 2022 14:20

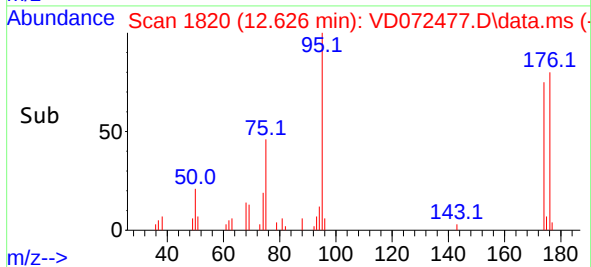
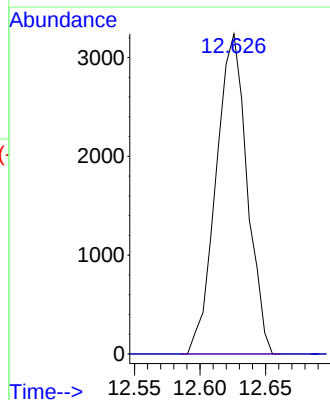
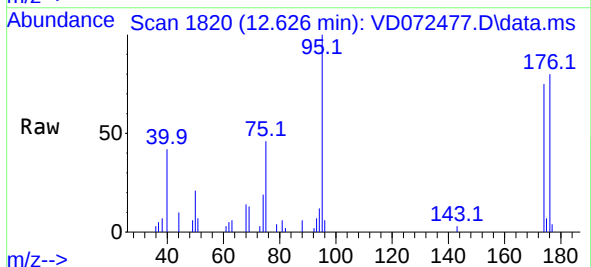
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20019RE

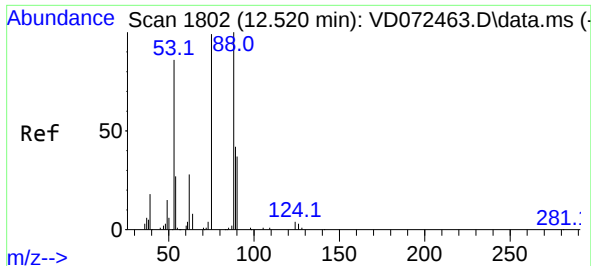
Tgt Ion:152 Resp: 11270
 Ion Ratio Lower Upper
 152 100
 115 68.7 31.3 93.8
 150 163.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 43.476 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072477.D
 Acq: 30 Mar 2022 14:20

Tgt Ion: 75 Resp: 5344
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

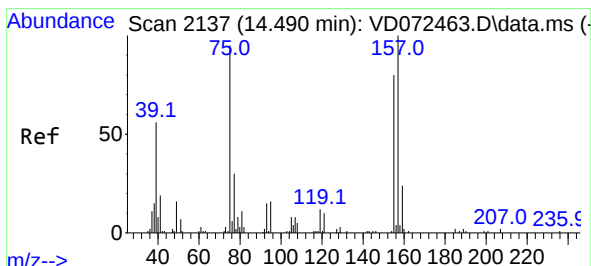
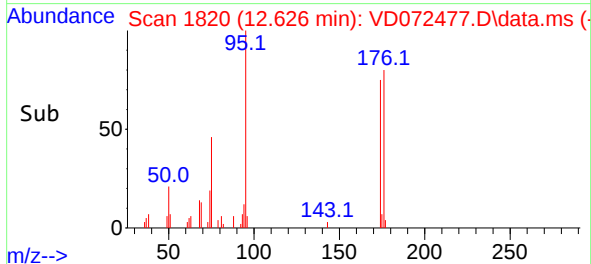
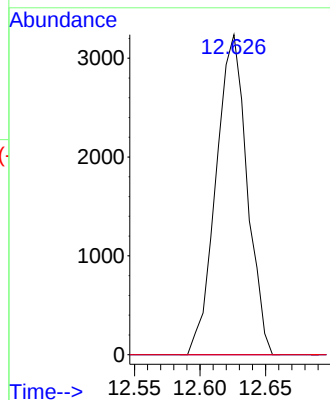
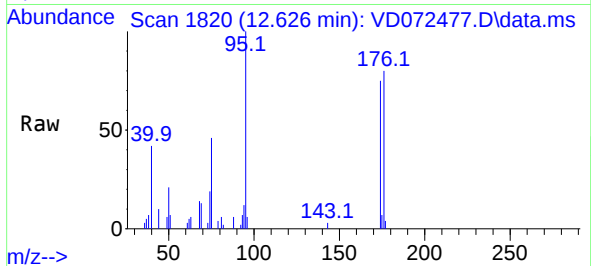




#81
trans-1,4-Dichloro-2-butene
Concen: 106.683 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

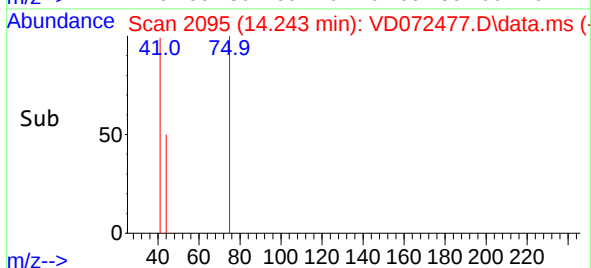
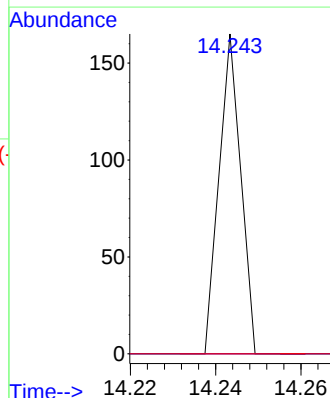
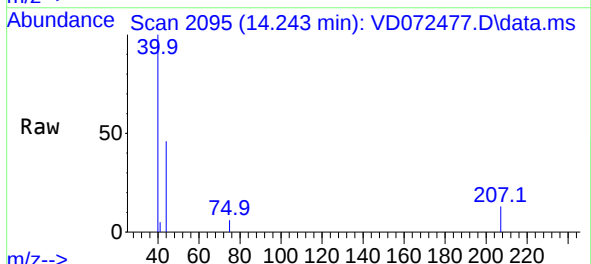
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20019RE

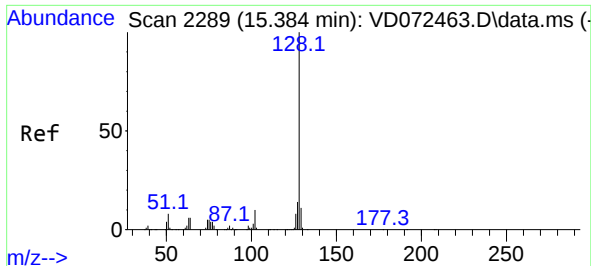
Tgt Ion: 75 Resp: 5344
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.275 ug/l
RT: 14.243 min Scan# 2095
Delta R.T. -0.247 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

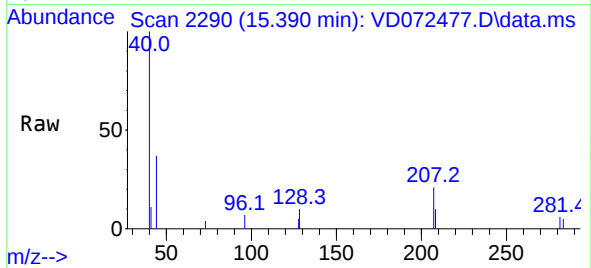
Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#





#95
Naphthalene
Concen: 1.904 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD072477.D
Acq: 30 Mar 2022 14:20

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20019RE



Tgt Ion:128 Resp: 855
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

