

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072452.D
 Acq On : 28 Mar 2022 18:51
 Operator : VA/SY
 Sample : N2103-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-2001

Quant Time: Mar 29 01:31:29 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)

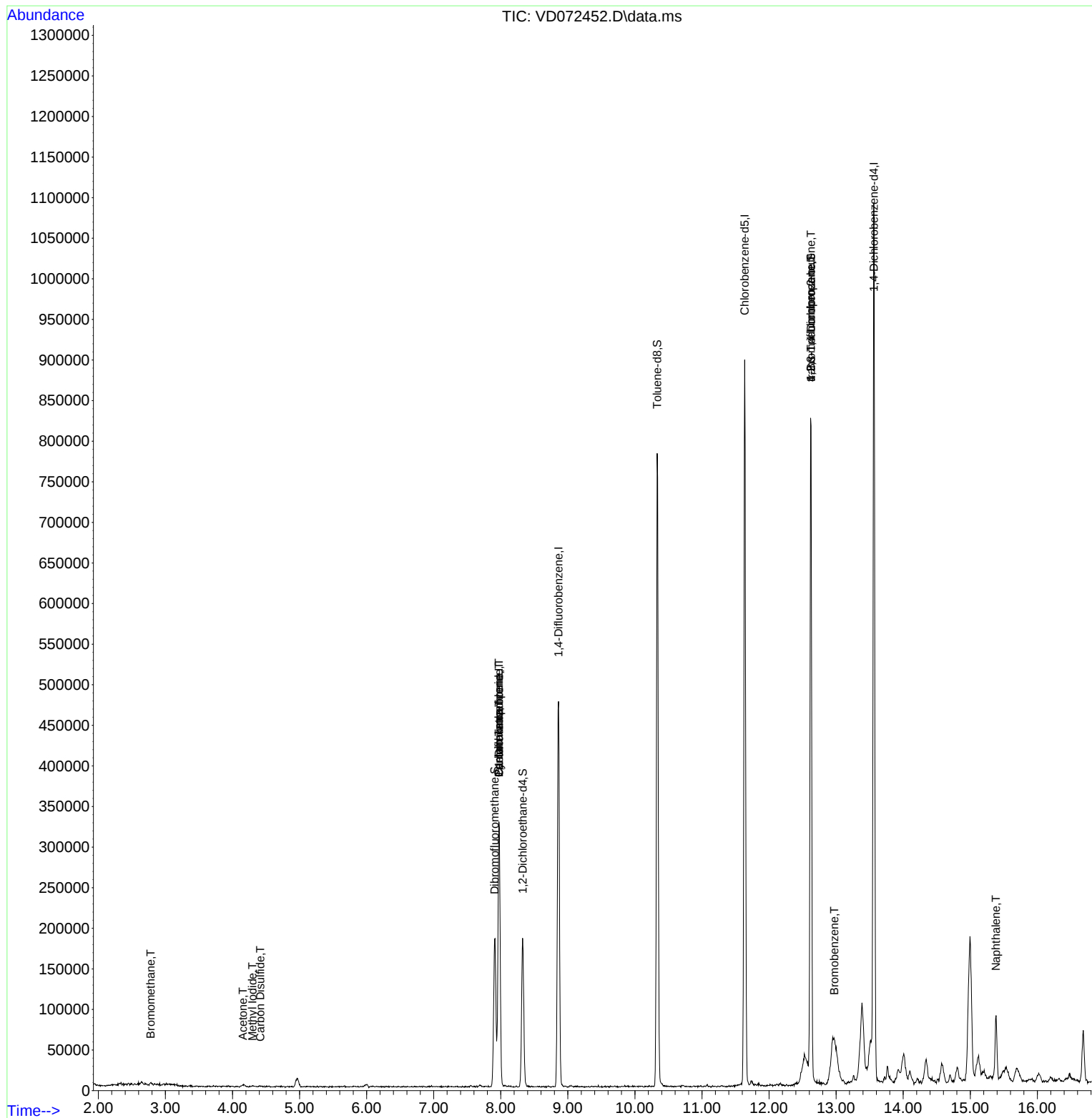
Internal Standards						
1) Pentafluorobenzene	7.973	168	242863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	411242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	509818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147102	54.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.700%	
35) Dibromofluoromethane	7.908	113	135030	46.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.320%	
50) Toluene-d8	10.332	98	524700	49.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.626	95	279812	68.055	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.100%	
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1292	1.030	ug/l #	55
10) Methyl Iodide	4.297	142	1326	2.736	ug/l #	67
16) Acetone	4.156	43	4418	7.518	ug/l	93
17) Carbon Disulfide	4.414	76	920	1.672	ug/l #	74
20) Methylene Chloride	4.961	84	8507	Below Cal	#	73
31) Cyclohexane	7.973	56	5583	1.320	ug/l #	3
36) 1,1-Dichloropropene	7.973	75	20040	4.936	ug/l #	51
38) Carbon Tetrachloride	7.973	117	25065	5.431	ug/l #	19
76) 1,2,3-Trichloropropane	12.626	75	143986	45.782	ug/l #	100
77) Bromobenzene	12.973	156	69609	13.688	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	143986	113.590	ug/l #	7
95) Naphthalene	15.384	128	70466	6.645	ug/l	98

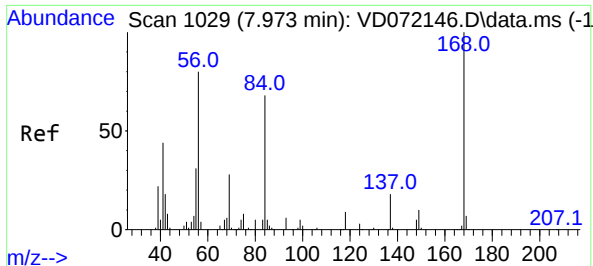
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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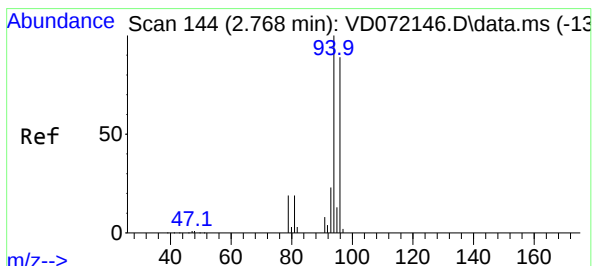
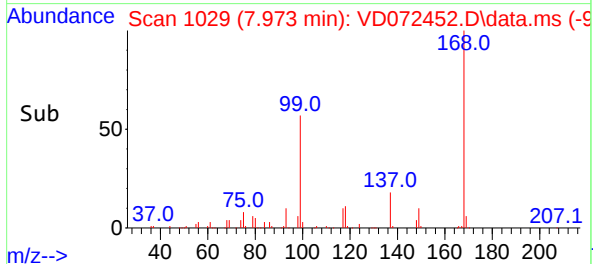
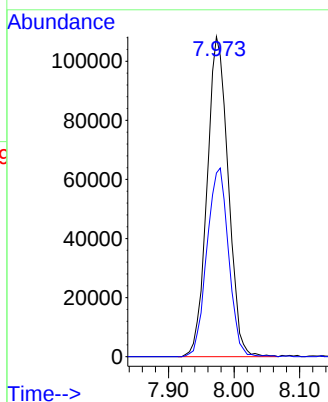
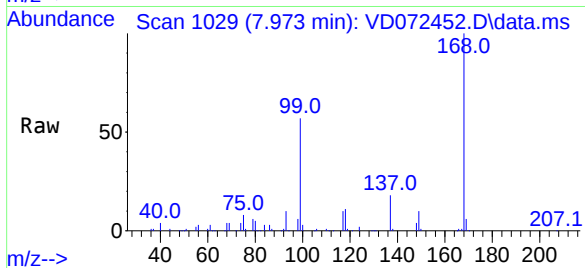




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

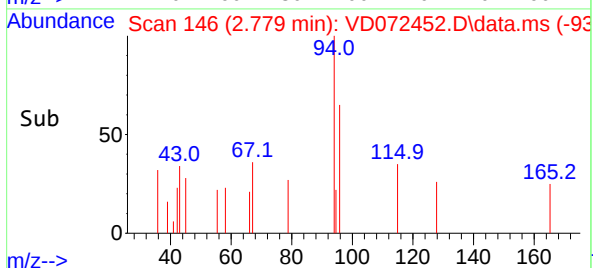
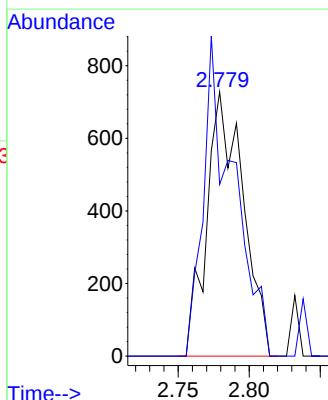
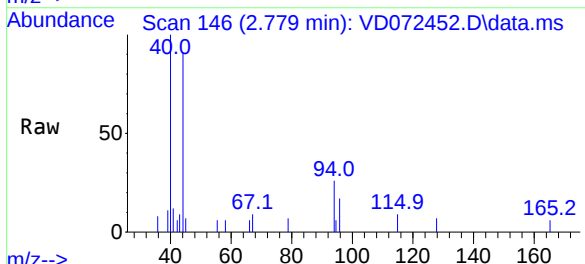
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

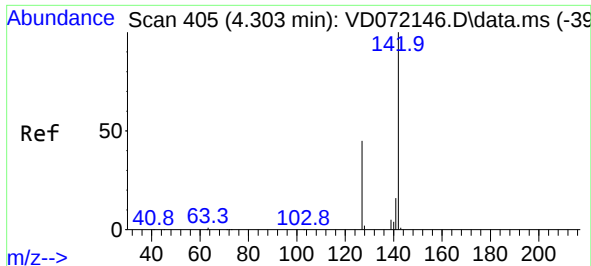
Tgt Ion:168 Resp: 242863
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#5
Bromomethane
Concen: 1.030 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion: 94 Resp: 1292
Ion Ratio Lower Upper
94 100
96 53.1 77.6 116.4#

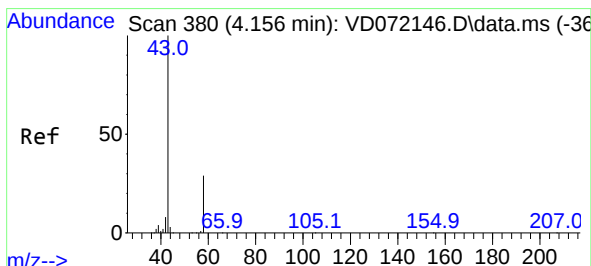
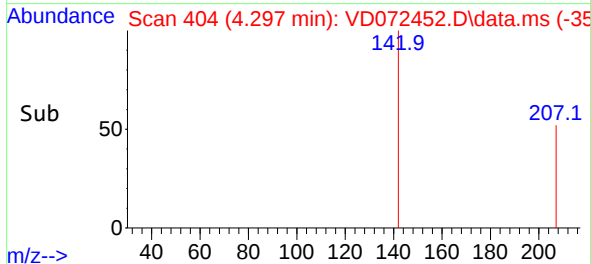
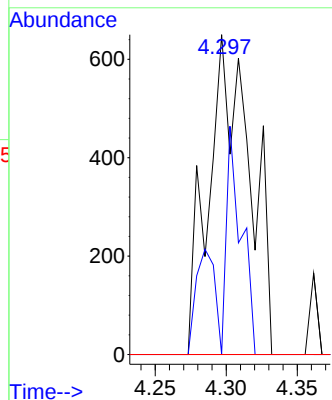
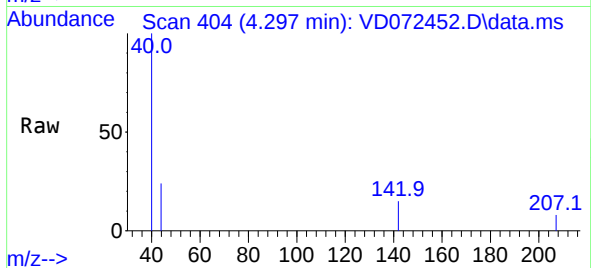




#10
Methyl Iodide
Concen: 2.736 ug/l
RT: 4.297 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

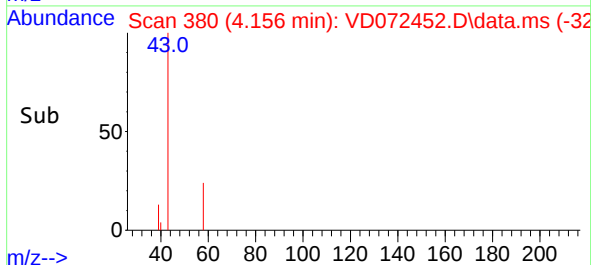
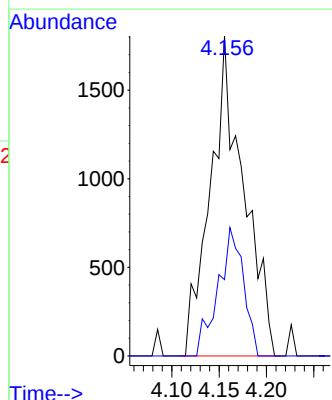
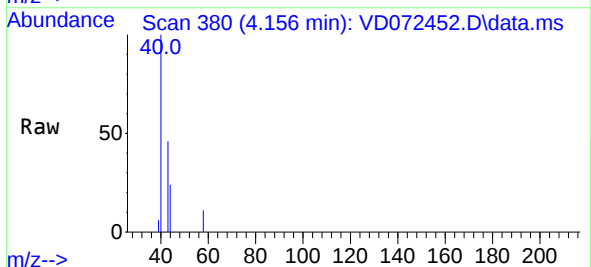
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

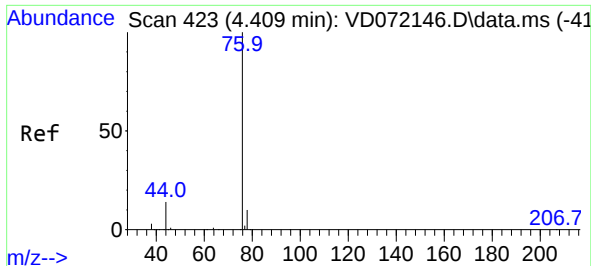
Tgt Ion:142 Resp: 1326
Ion Ratio Lower Upper
142 100
127 25.3 37.3 55.9#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 7.518 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion: 43 Resp: 4418
Ion Ratio Lower Upper
43 100
58 23.9 22.1 33.1





#17

Carbon Disulfide

Concen: 1.672 ug/l

RT: 4.414 min Scan# 41

Delta R.T. 0.005 min

Lab File: VD072452.D

Acq: 28 Mar 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

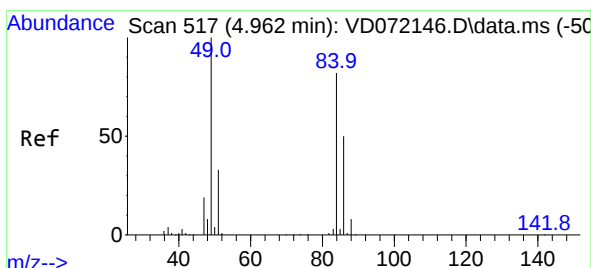
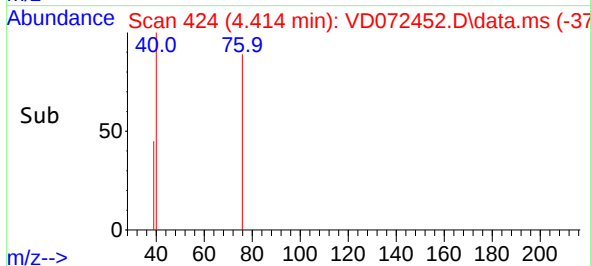
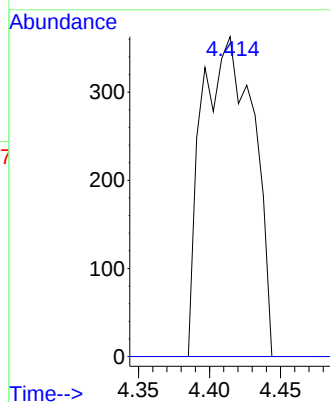
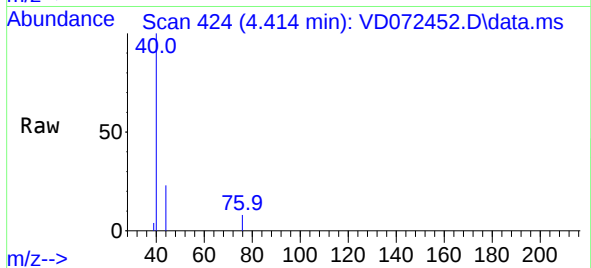
CHRT-2001

Tgt Ion: 76 Resp: 920

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD072452.D

Acq: 28 Mar 2022 18:51

Tgt Ion: 84 Resp: 8507

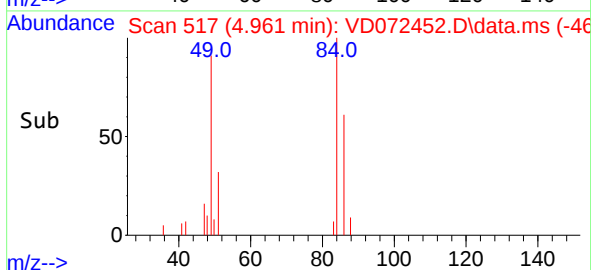
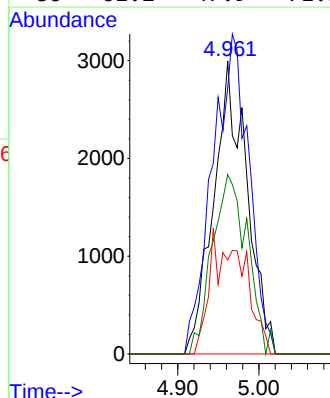
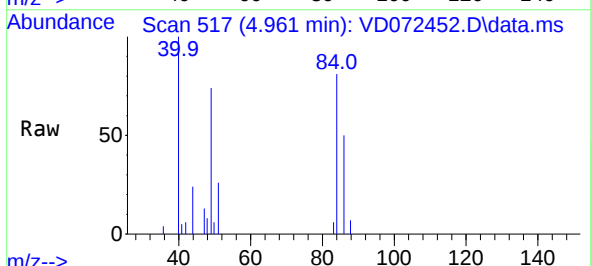
Ion Ratio Lower Upper

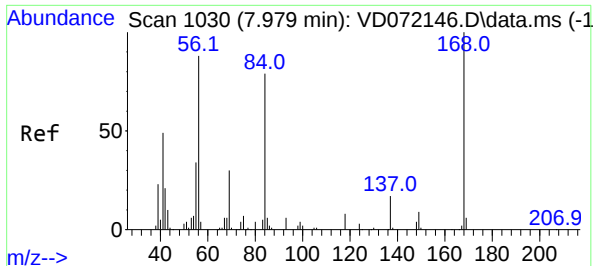
84 100

49 90.9 112.8 169.2#

51 32.1 32.6 48.8#

86 61.2 47.9 71.9

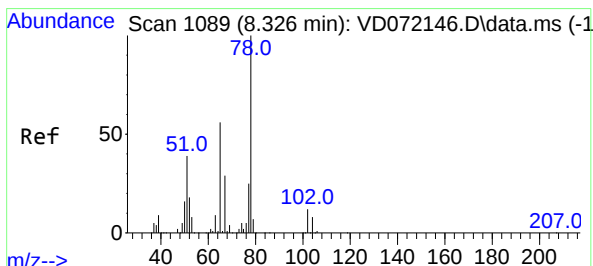
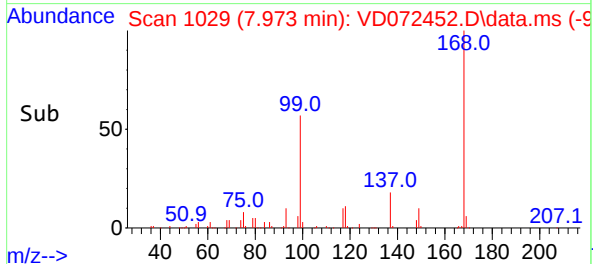
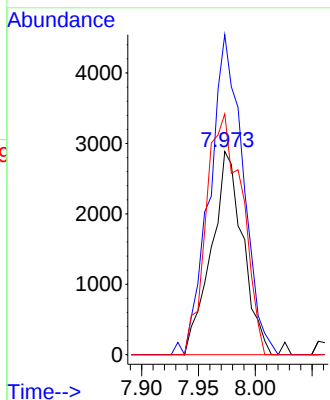
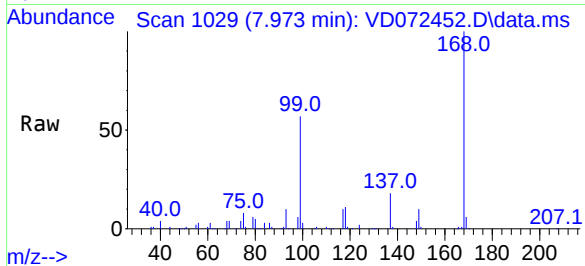




#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

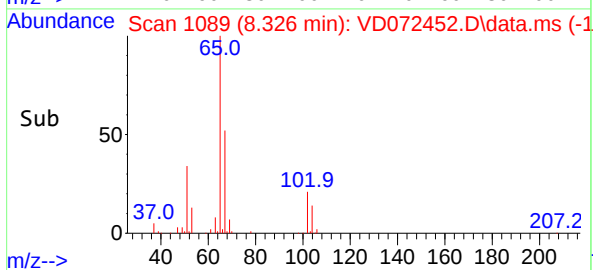
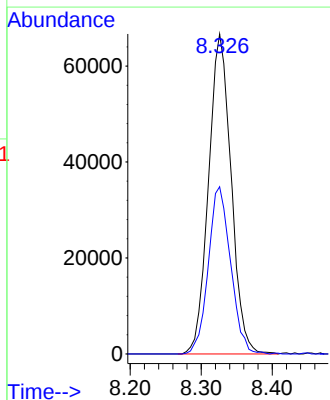
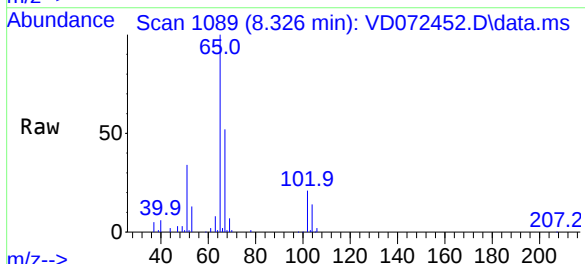
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

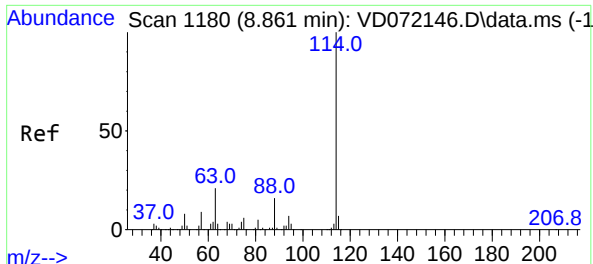
Tgt Ion: 56 Resp: 5583
Ion Ratio Lower Upper
56 100
69 157.5 25.4 38.2#
84 118.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 54.350 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion: 65 Resp: 147102
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4



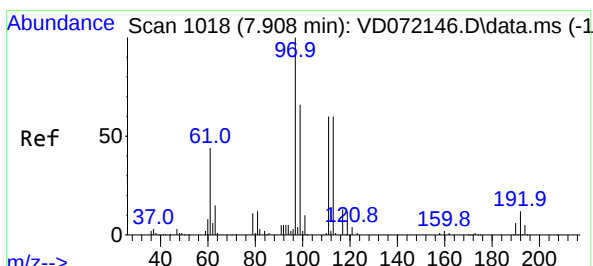
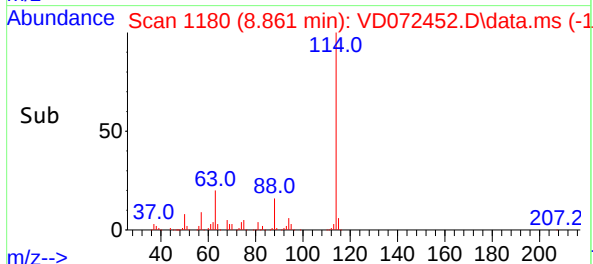
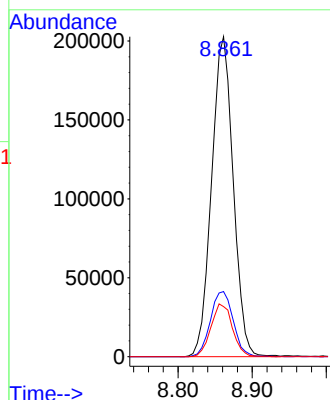
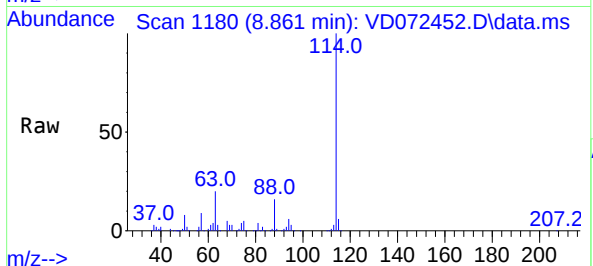


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

Tgt Ion:114 Resp: 411242

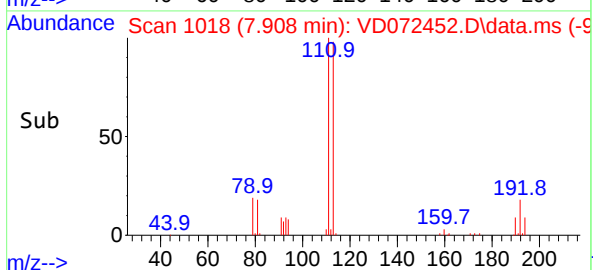
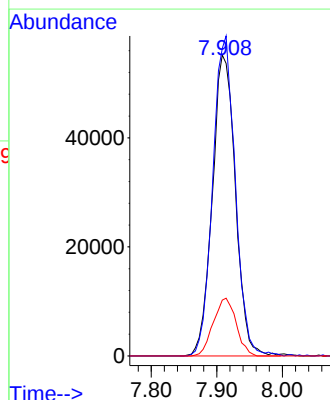
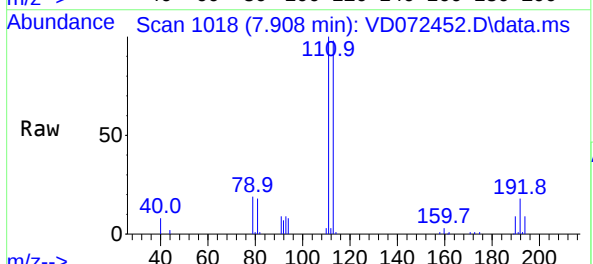
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	46.6
88	15.7	0.0	33.2

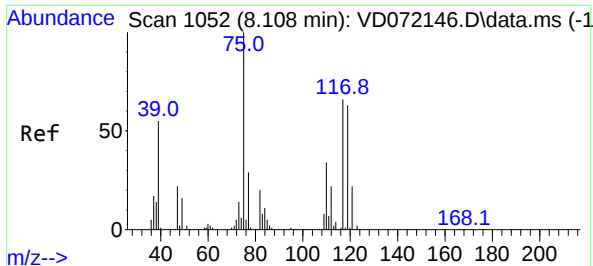


#35
Dibromofluoromethane
Concen: 46.660 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion:113 Resp: 135030

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	19.0	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.936 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072452.D

Acq: 28 Mar 2022 18:51

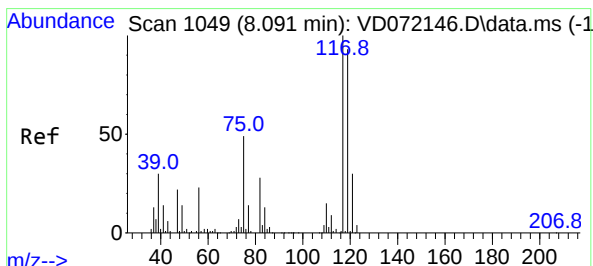
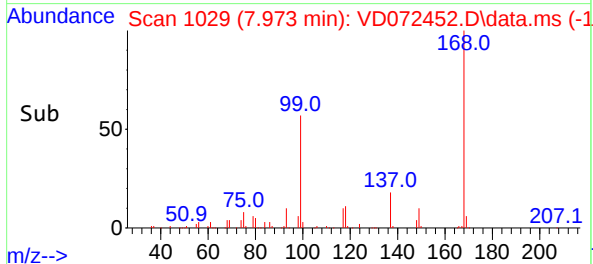
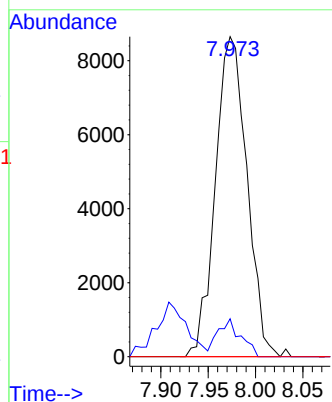
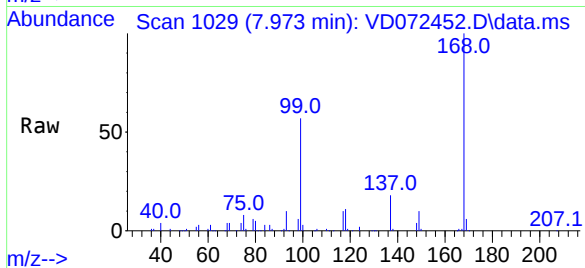
Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:	75	Resp:	20040
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.431 ug/l

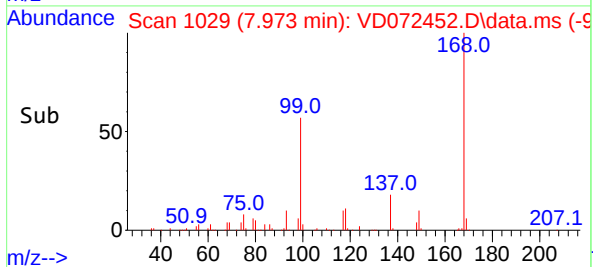
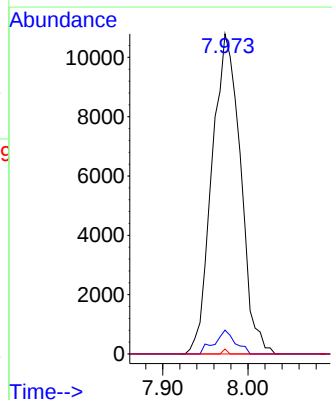
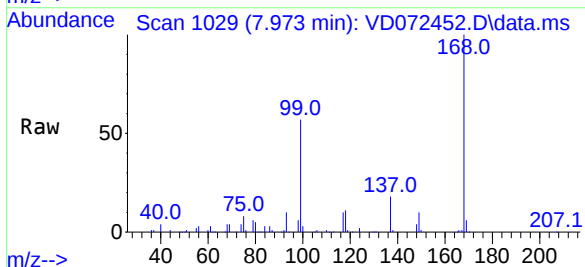
RT: 7.973 min Scan# 1029

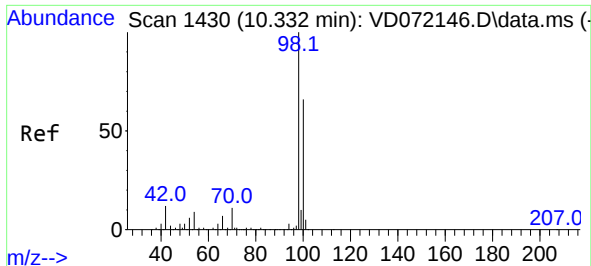
Delta R.T. -0.118 min

Lab File: VD072452.D

Acq: 28 Mar 2022 18:51

Tgt Ion:	117	Resp:	25065
Ion	Ratio	Lower	Upper
117	100		
119	7.5	75.8	113.6#
121	1.5	24.5	36.7#

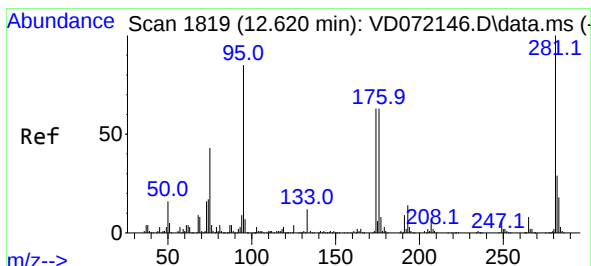
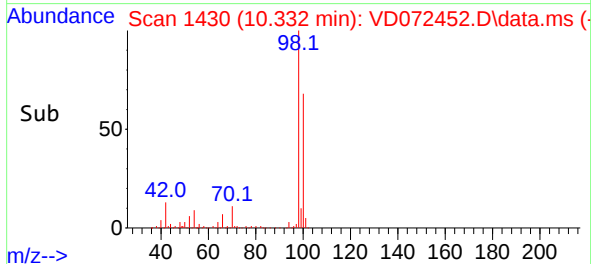
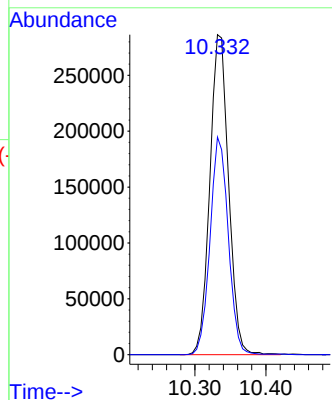
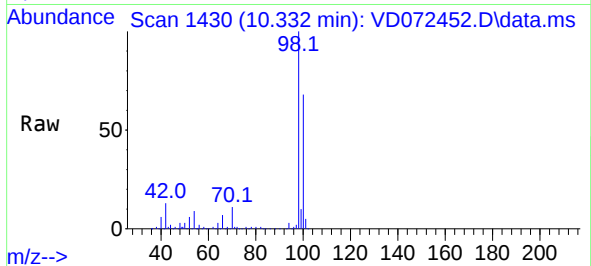




#50
Toluene-d8
Concen: 49.585 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

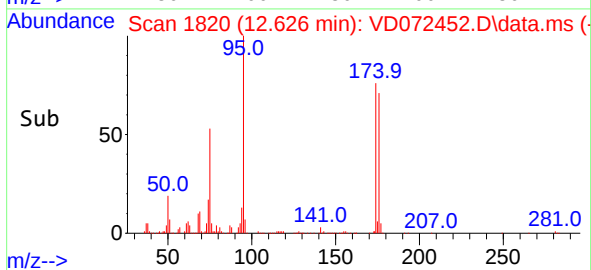
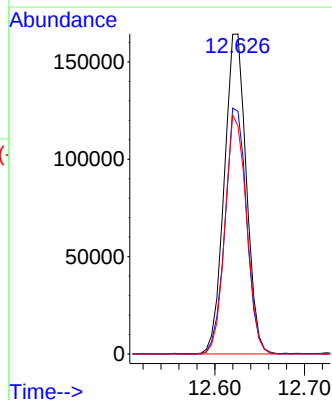
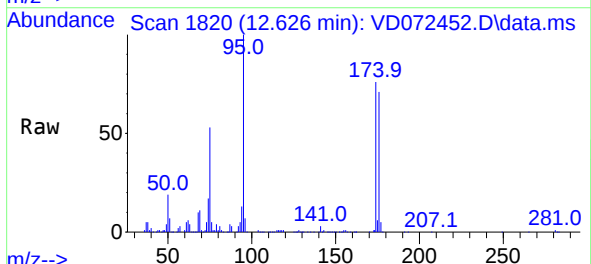
Instrument :
MSVOA_D
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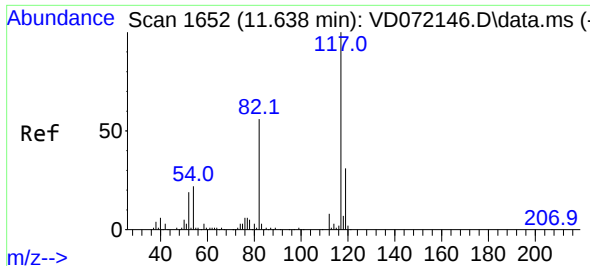
Tgt Ion: 98 Resp: 524700
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 68.055 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion: 95 Resp: 279812
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 73.1 0.0 145.4

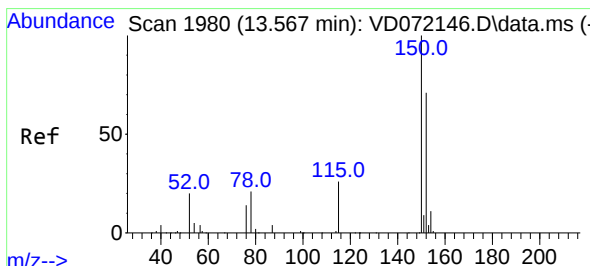
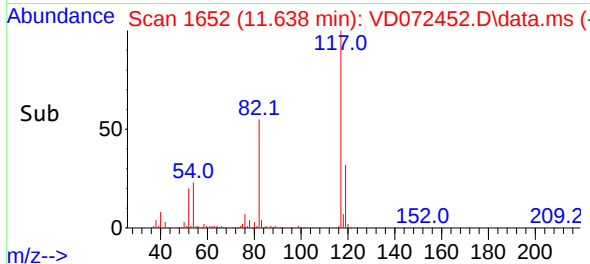
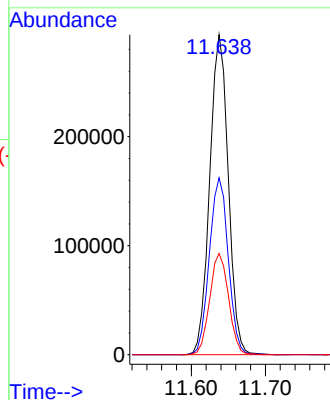
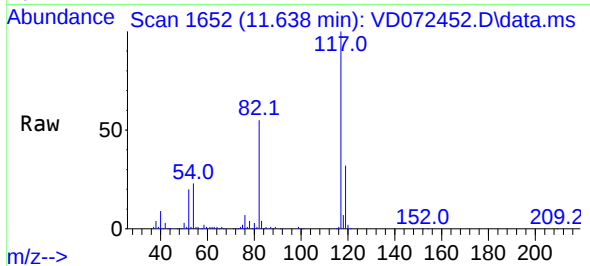




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

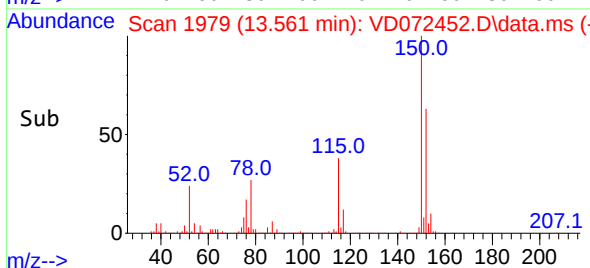
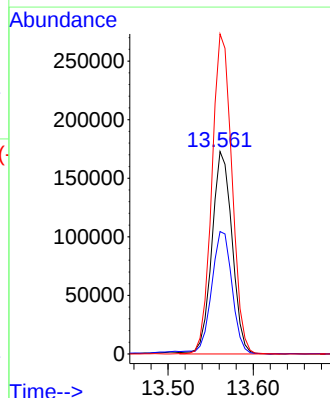
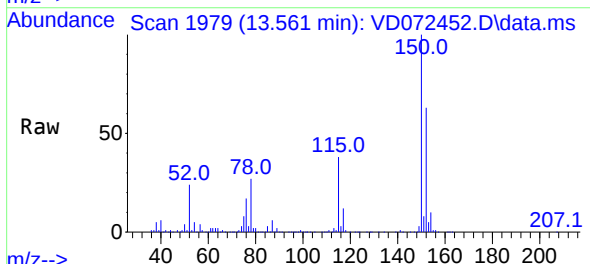
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

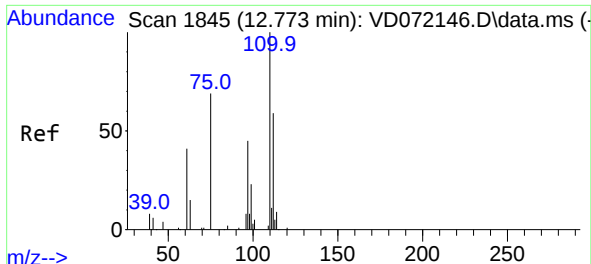
Tgt Ion:117 Resp: 509818
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion:152 Resp: 285112
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 157.1 0.0 348.6

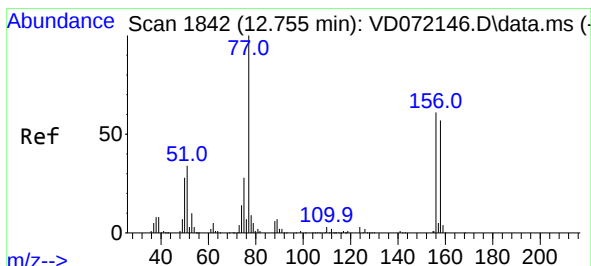
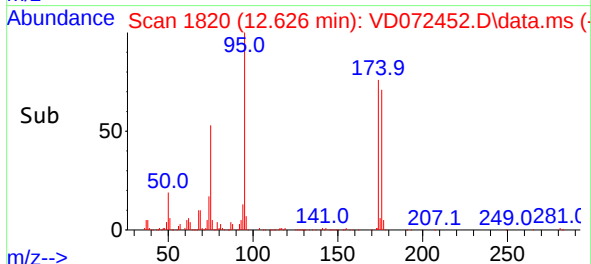
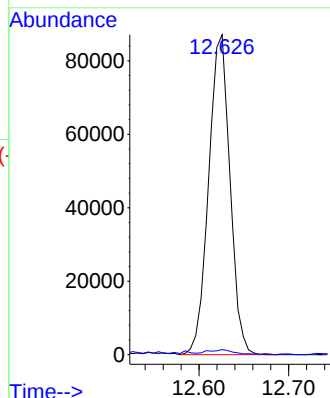
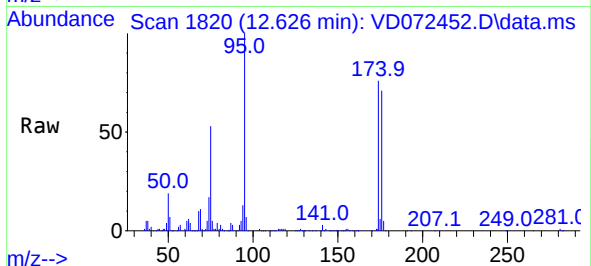




#76
1,2,3-Trichloropropane
Concen: 45.782 ug/l
RT: 12.626 min Scan# 1879
Delta R.T. -0.147 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

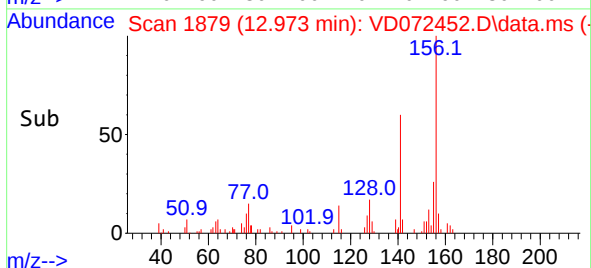
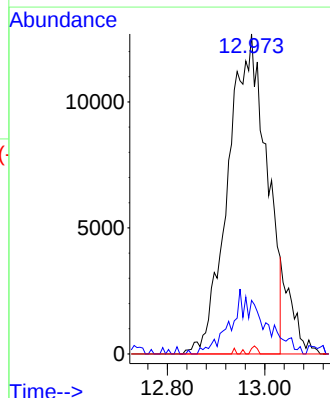
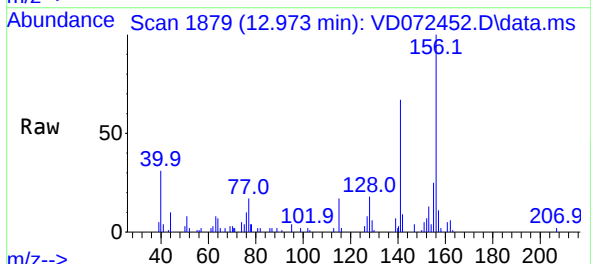
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

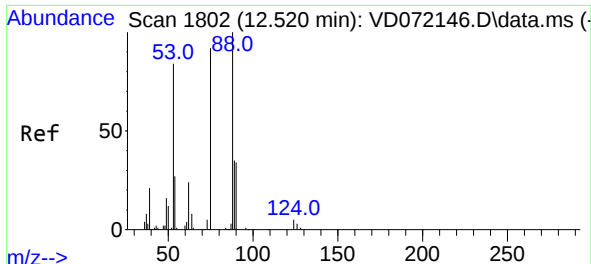
Tgt Ion: 75 Resp: 143986
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#77
Bromobenzene
Concen: 13.688 ug/l
RT: 12.973 min Scan# 1879
Delta R.T. 0.218 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion:156 Resp: 69609
Ion Ratio Lower Upper
156 100
77 0.0 102.8 308.3#
158 0.4 48.7 146.1#

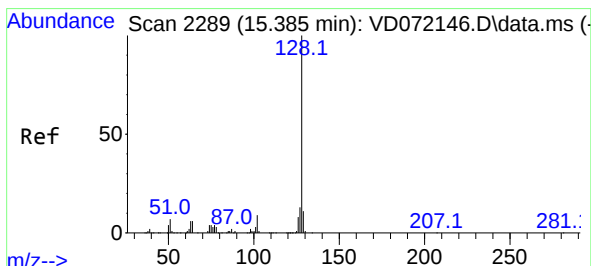
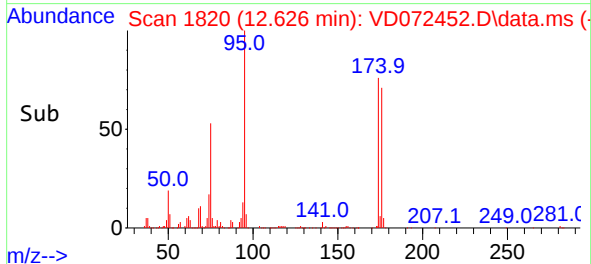
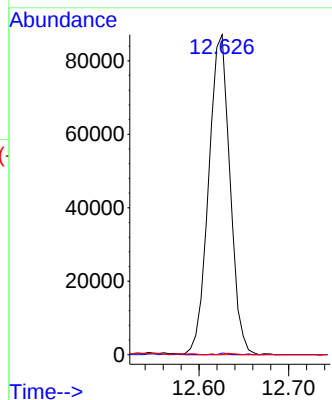
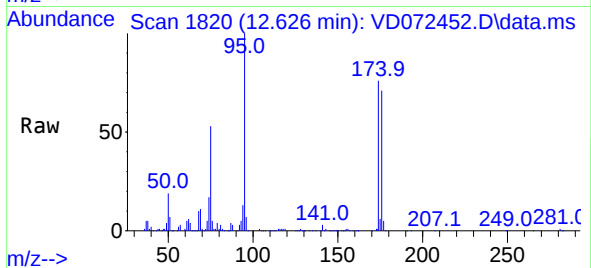




#81
trans-1,4-Dichloro-2-butene
Concen: 113.590 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

Tgt Ion: 75 Resp: 143986
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 6.645 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion:128 Resp: 70466
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.5 8.4 12.6

