

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072039.D
 Acq On : 21 Feb 2022 18:23
 Operator : VA/SY
 Sample : N1626-10
 Misc : 4.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B5

Quant Time: Feb 22 01:07:39 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)

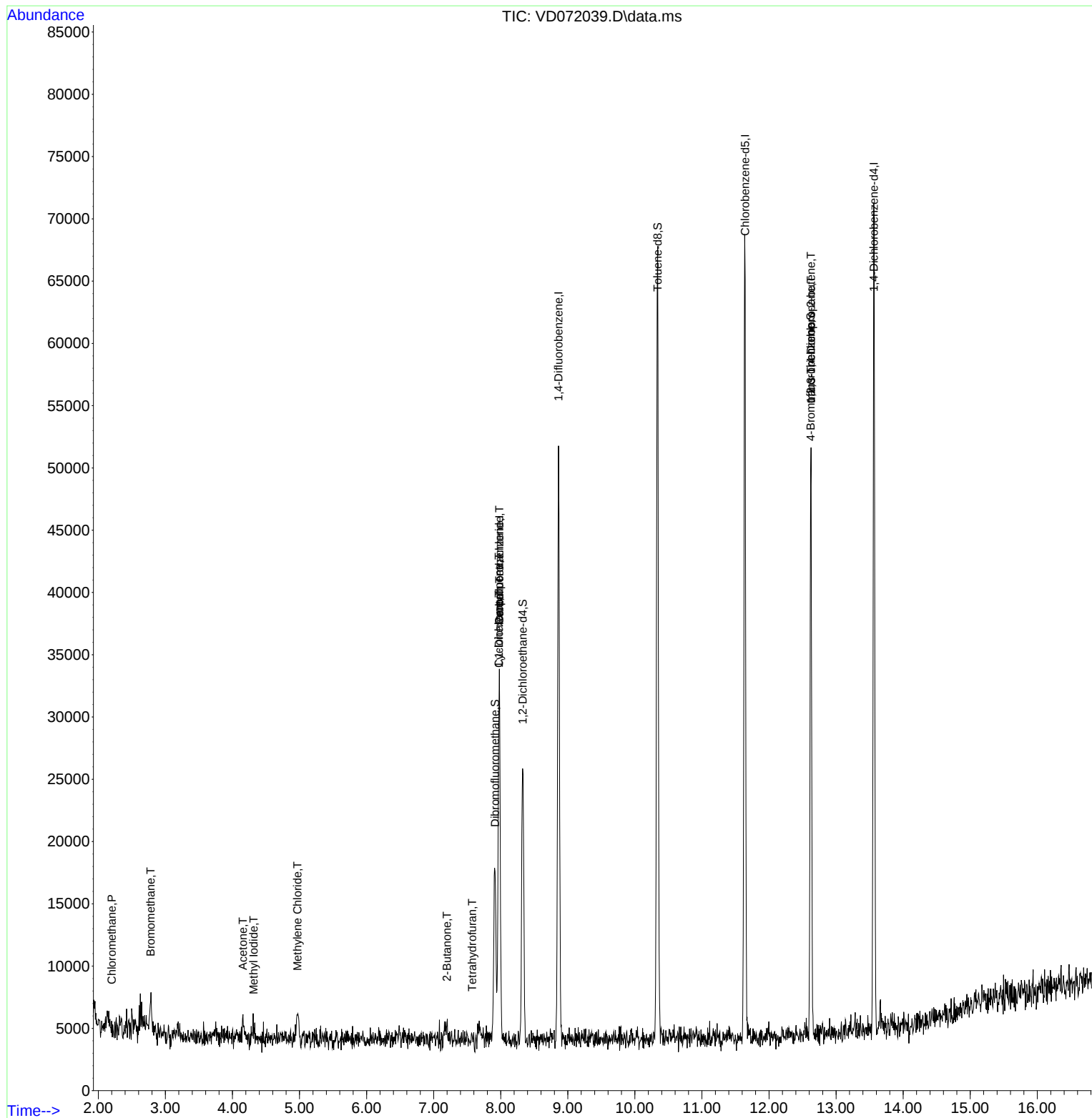
Internal Standards						
1) Pentafluorobenzene	7.979	168	21685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	37667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	37803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	17567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18145	80.667	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 161.340%			
35) Dibromofluoromethane	7.914	113	10661	46.715	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.440%			
50) Toluene-d8	10.338	98	43730	51.671	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.340%			
62) 4-Bromofluorobenzene	12.620	95	15522	49.930	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.860%			
Target Compounds						Qvalue
3) Chloromethane	2.203	50	510	3.017	ug/l #	43
5) Bromomethane	2.779	94	1195	8.561	ug/l #	75
10) Methyl Iodide	4.315	142	725	5.697	ug/l #	40
16) Acetone	4.156	43	3607	74.198	ug/l #	31
20) Methylene Chloride	4.967	84	344	1.422	ug/l #	35
25) 2-Butanone	7.197	43	71	1.057	ug/l #	50
29) Tetrahydrofuran	7.573	42	62	1.446	ug/l #	35
31) Cyclohexane	7.973	56	672	1.691	ug/l #	24
36) 1,1-Dichloropropene	7.973	75	1927	5.574	ug/l #	41
38) Carbon Tetrachloride	7.979	117	2094	5.910	ug/l #	12
76) 1,2,3-Trichloropropane	12.626	75	8760	52.645	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	8760	131.834	ug/l #	10

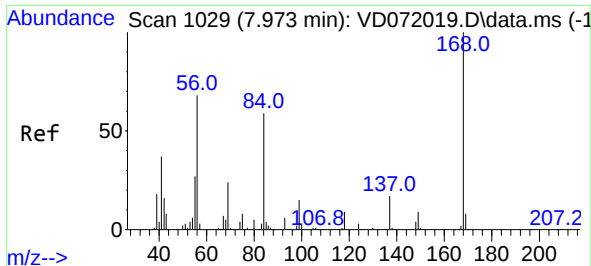
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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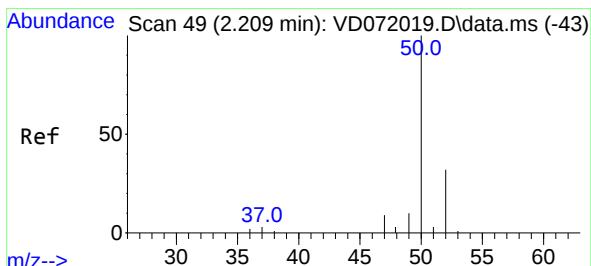
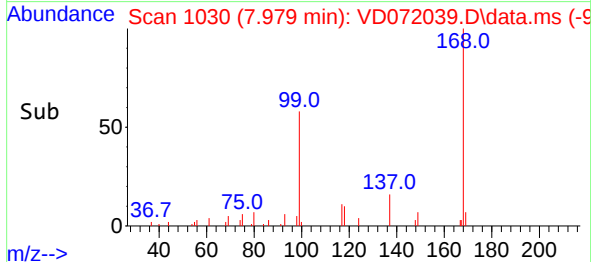
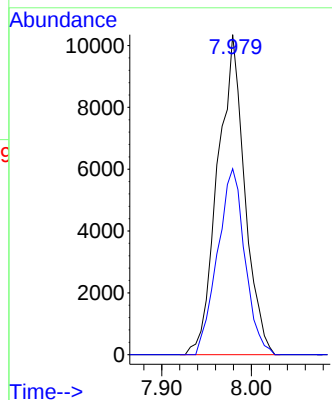
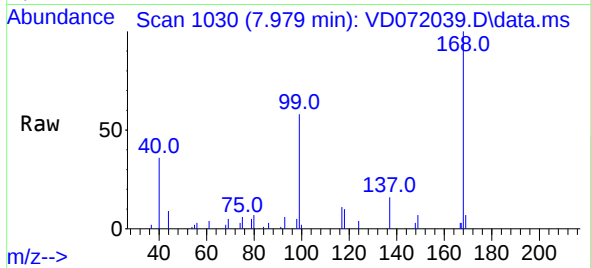




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

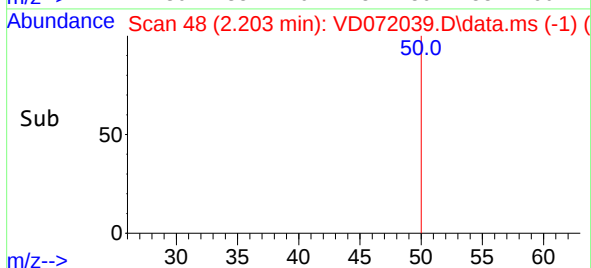
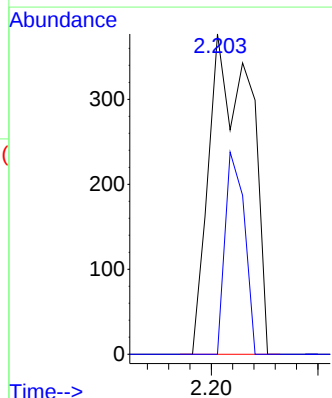
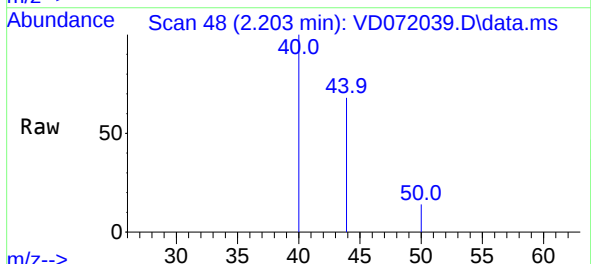
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

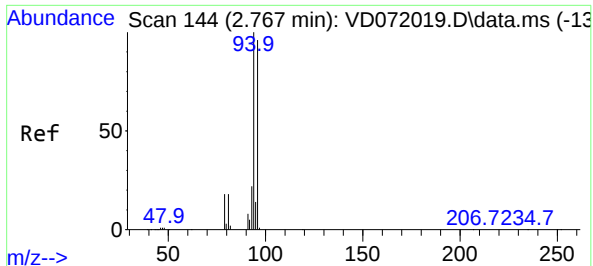
Tgt Ion:168 Resp: 21685
Ion Ratio Lower Upper
168 100
99 58.1 47.1 70.7



#3
Chloromethane
Concen: 3.017 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

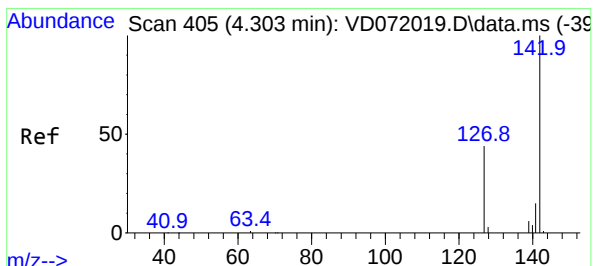
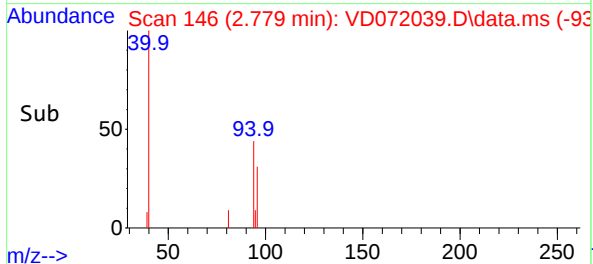
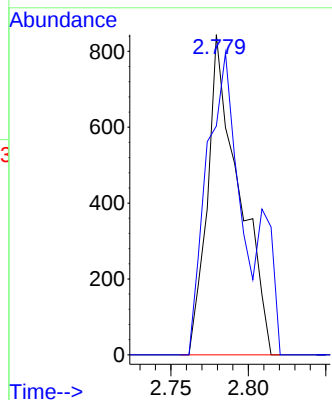
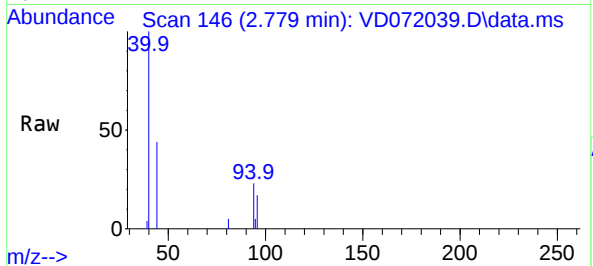




#5
Bromomethane
Concen: 8.561 ug/l
RT: 2.779 min Scan# 144
Delta R.T. 0.012 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

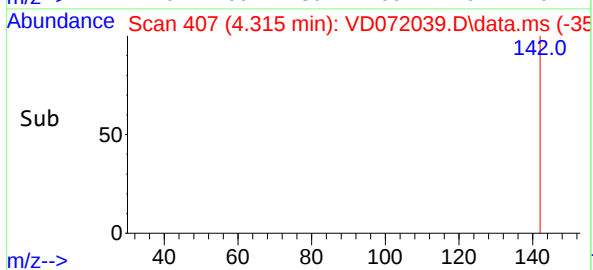
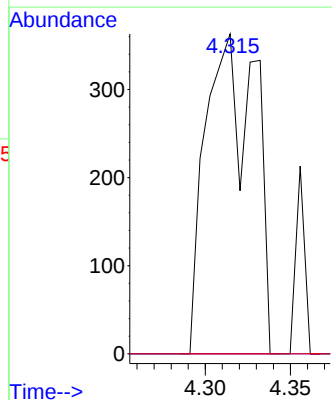
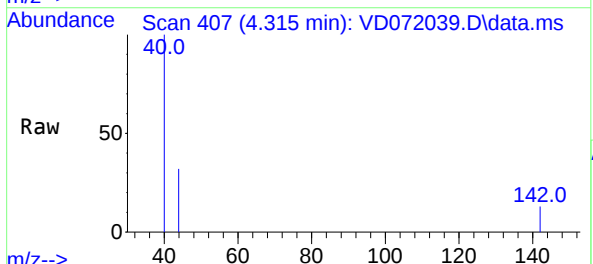
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

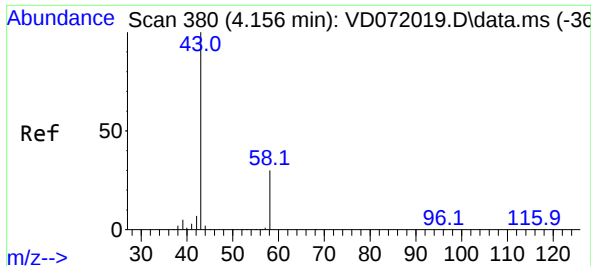
Tgt Ion: 94 Resp: 1195
Ion Ratio Lower Upper
94 100
96 71.4 76.8 115.2#



#10
Methyl Iodide
Concen: 5.697 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Tgt Ion: 142 Resp: 725
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#

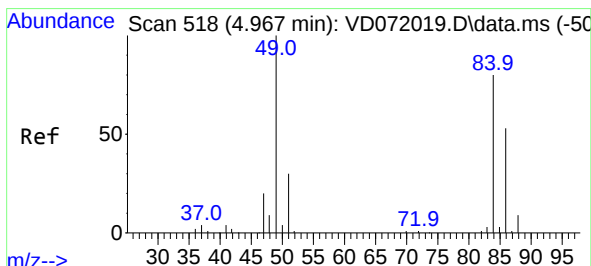
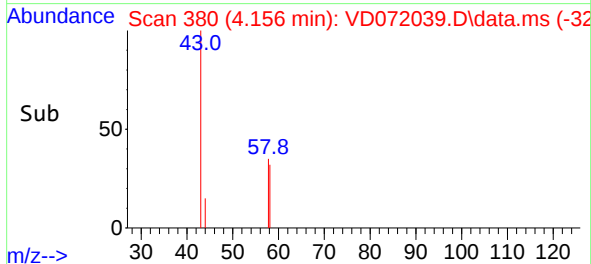
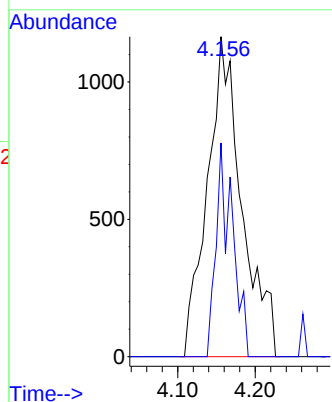
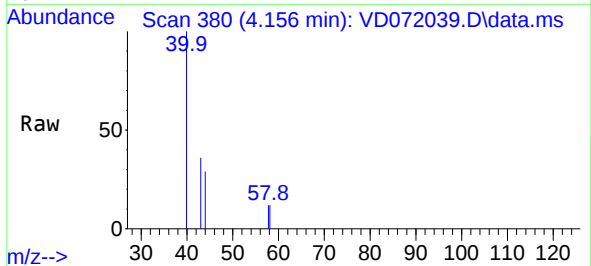




#16
Acetone
Concen: 74.198 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

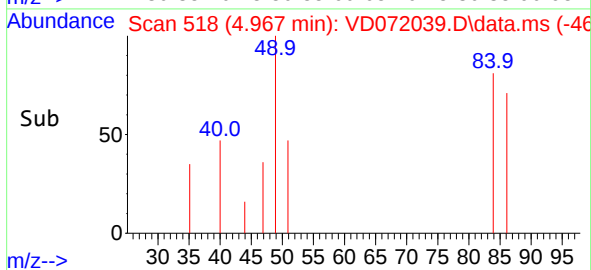
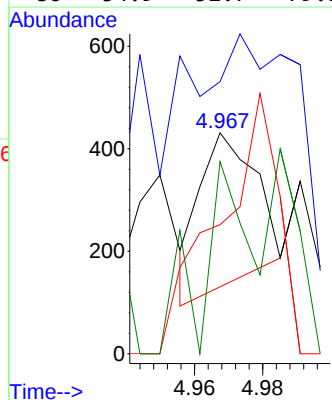
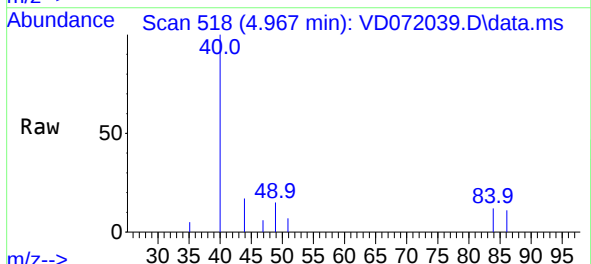
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

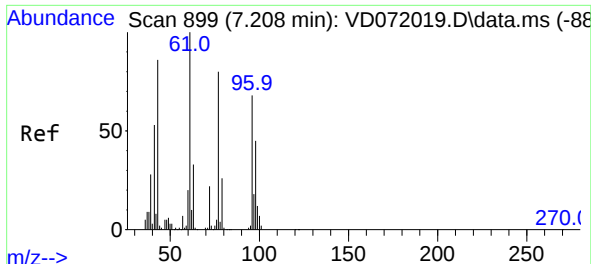
Tgt Ion: 43 Resp: 3607
Ion Ratio Lower Upper
43 100
58 66.8 23.8 35.6#



#20
Methylene Chloride
Concen: 1.422 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Tgt Ion: 84 Resp: 344
Ion Ratio Lower Upper
84 100
49 0.0 100.0 150.0#
51 34.4 30.2 45.4
86 54.9 52.7 79.1

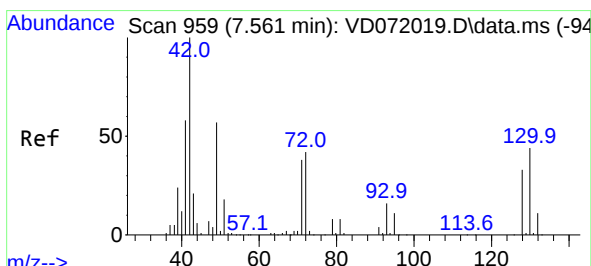
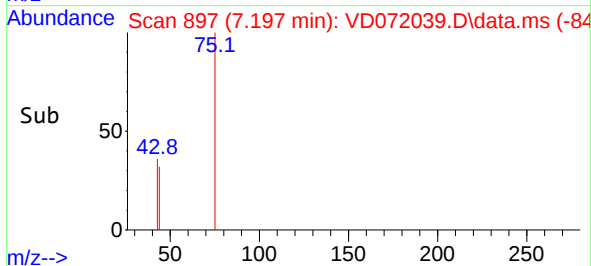
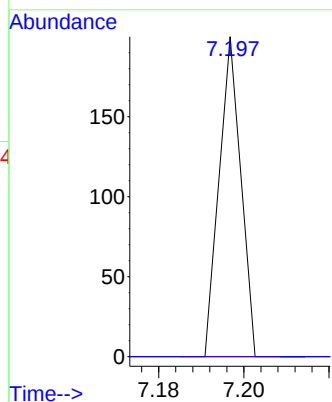
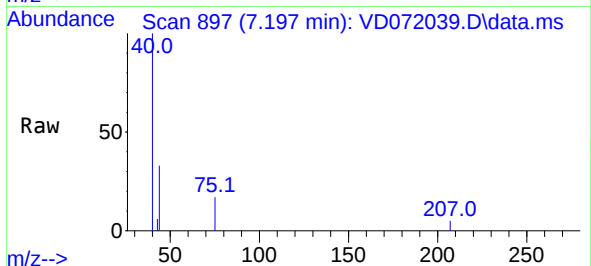




#25
2-Butanone
Concen: 1.057 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

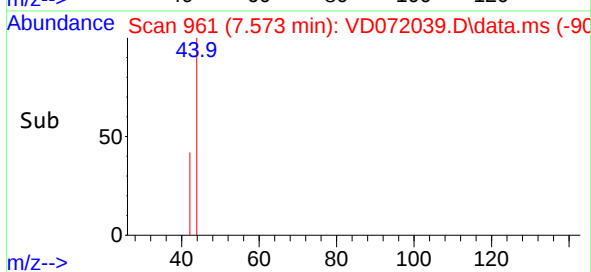
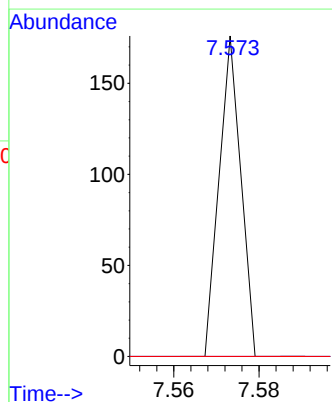
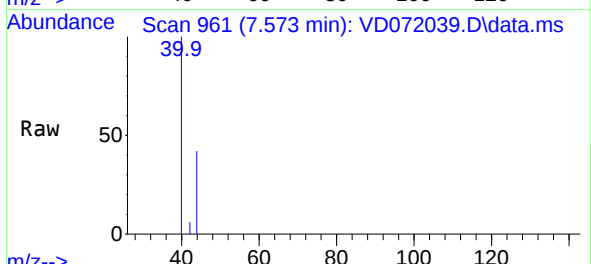
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

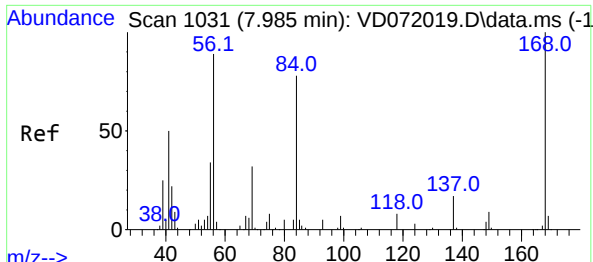
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#



#29
Tetrahydrofuran
Concen: 1.446 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Tgt Ion: 42 Resp: 62
Ion Ratio Lower Upper
42 100
72 0.0 33.6 50.4#
71 0.0 31.0 46.4#





#31

Cyclohexane

Concen: 1.691 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD072039.D

Acq: 21 Feb 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

CC-B5

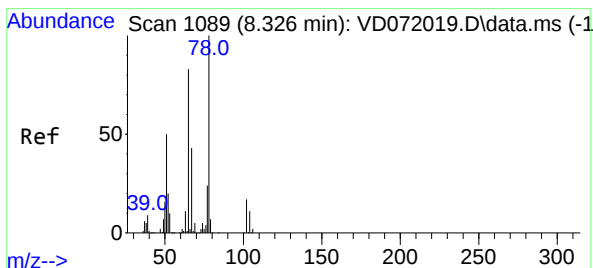
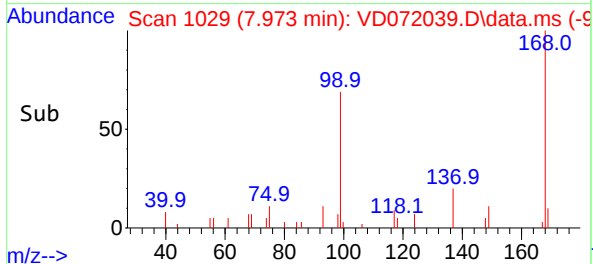
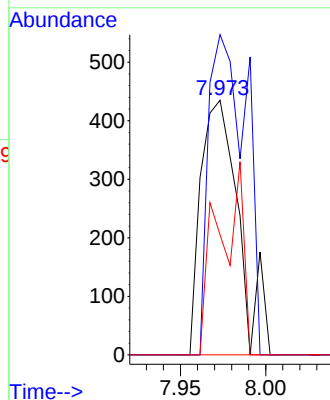
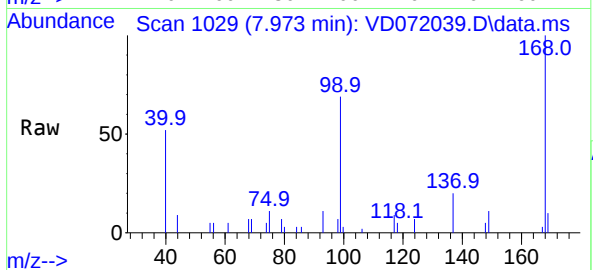
Tgt Ion: 56 Resp: 672

Ion Ratio Lower Upper

56 100

69 125.7 28.9 43.3#

84 47.1 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 80.667 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072039.D

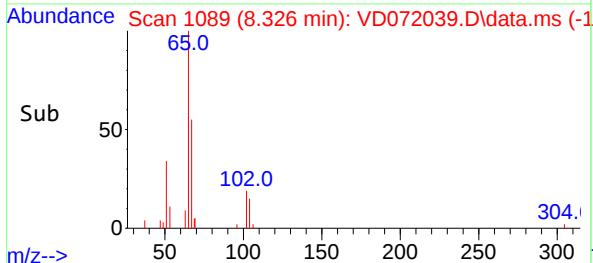
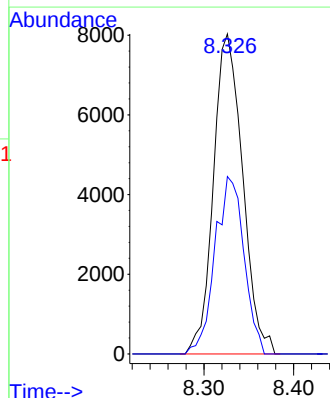
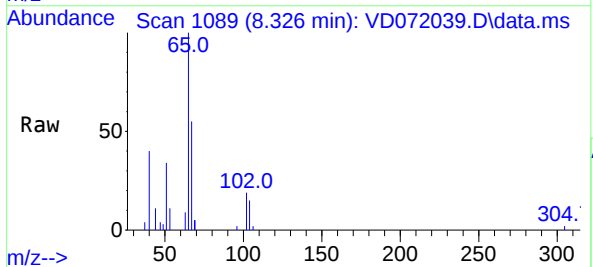
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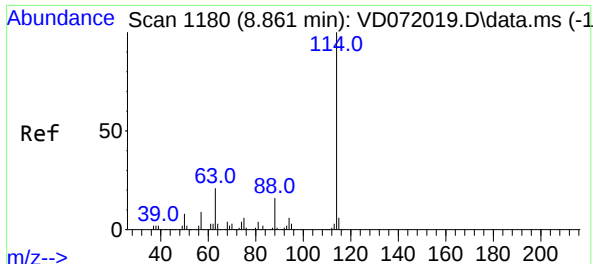
Tgt Ion: 65 Resp: 18145

Ion Ratio Lower Upper

65 100

67 54.9 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: VD072039.D

Acq: 21 Feb 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

CC-B5

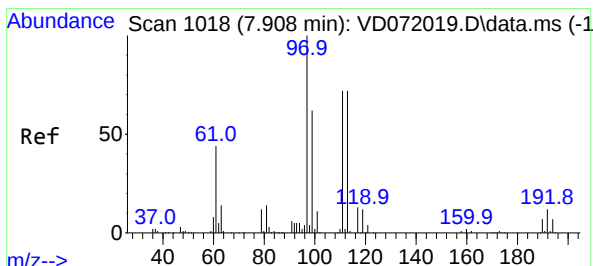
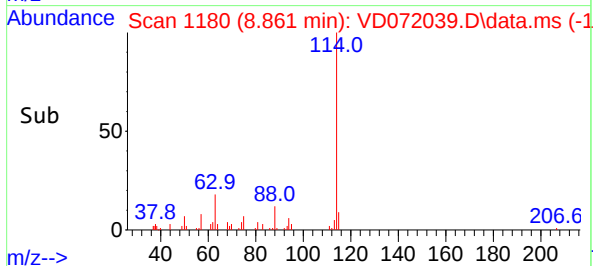
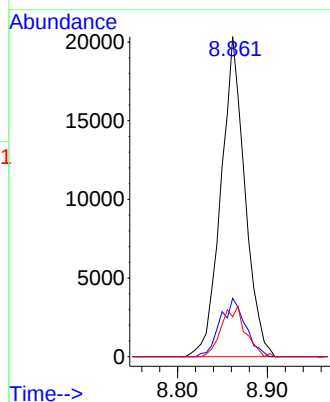
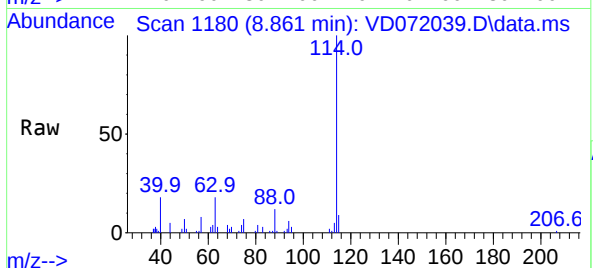
Tgt Ion:114 Resp: 37667

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.2

88 12.4 0.0 31.2



#35

Dibromofluoromethane

Concen: 46.715 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072039.D

Acq: 21 Feb 2022 18:23

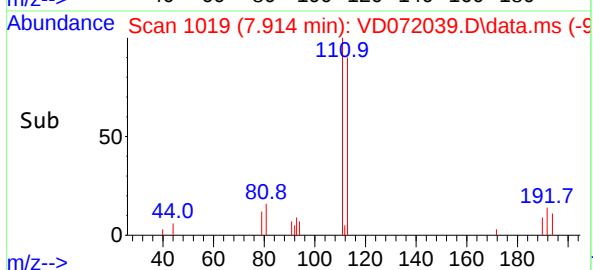
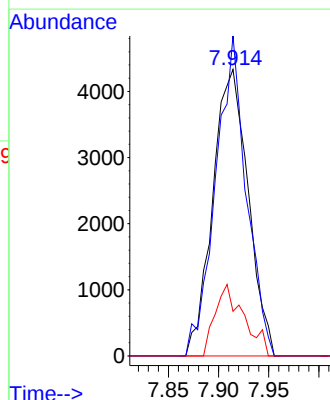
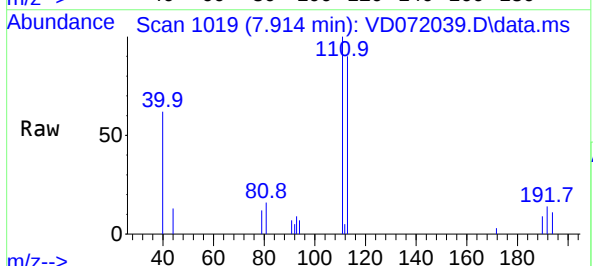
Tgt Ion:113 Resp: 10661

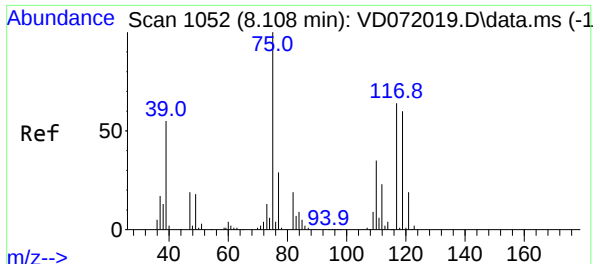
Ion Ratio Lower Upper

113 100

111 96.7 83.0 124.4

192 20.2 15.3 22.9

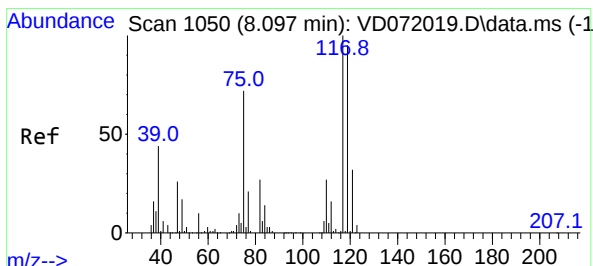
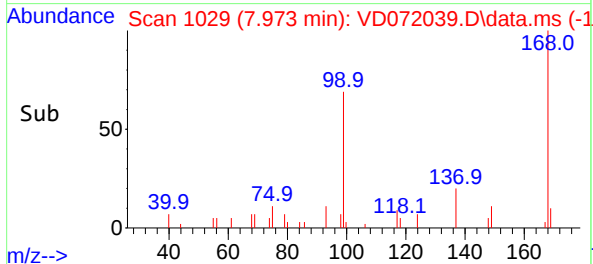
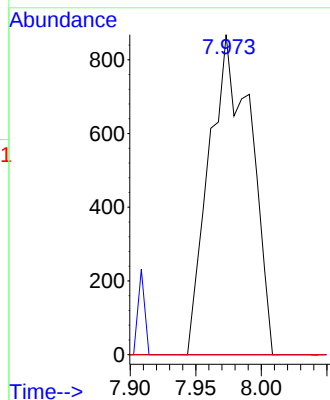
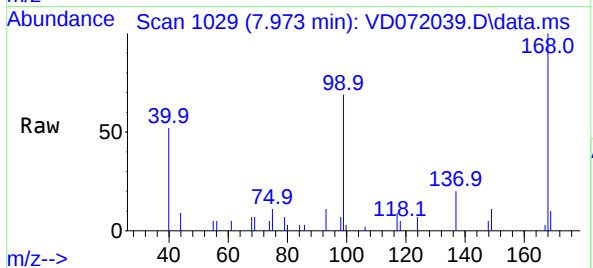




#36
1,1-Dichloropropene
Concen: 5.574 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

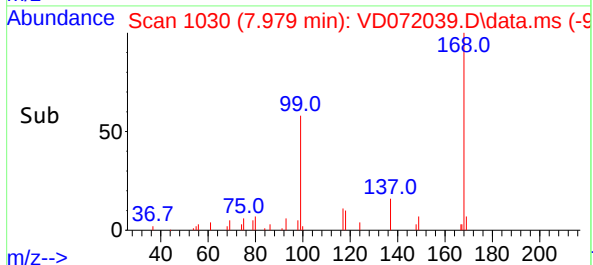
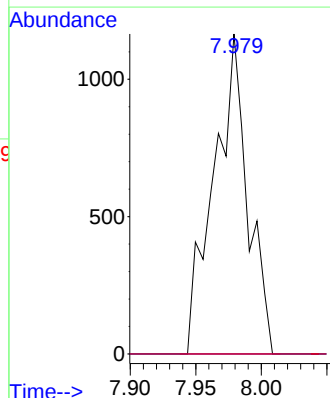
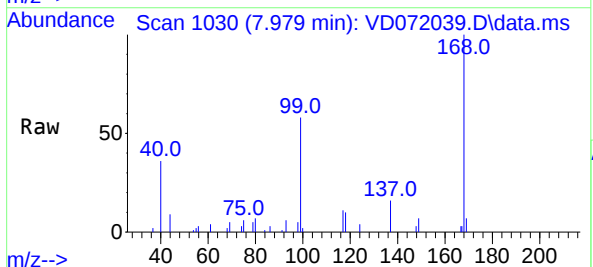
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

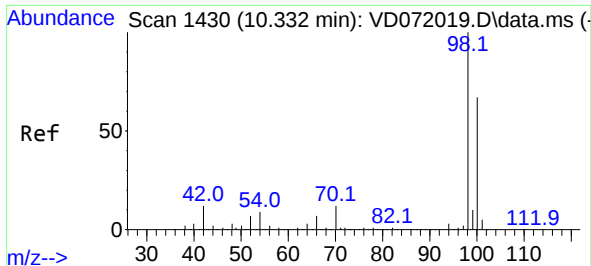
Tgt Ion: 75 Resp: 1927
Ion Ratio Lower Upper
75 100
110 0.0 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Tgt Ion: 117 Resp: 2094
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.8 38.6#

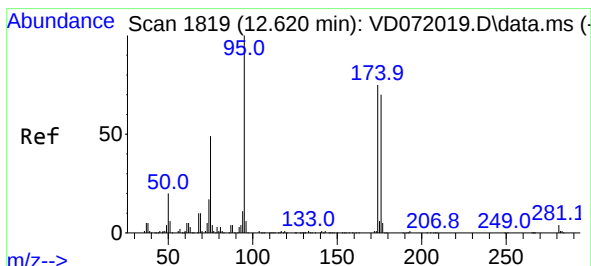
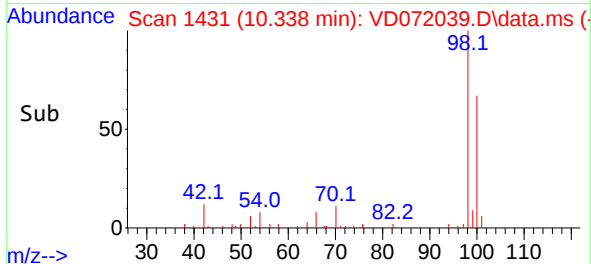
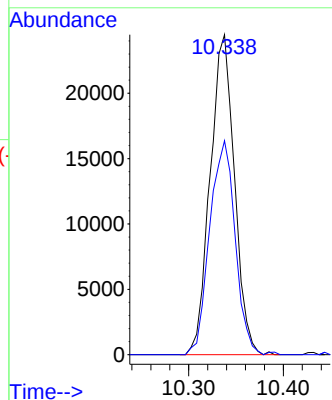
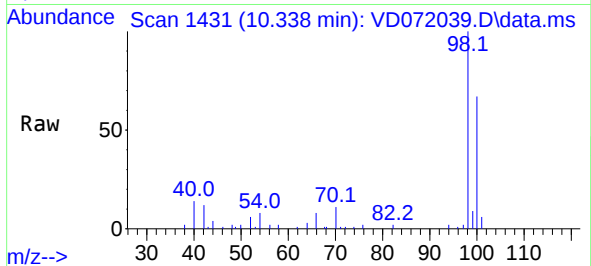




#50
Toluene-d8
Concen: 51.671 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

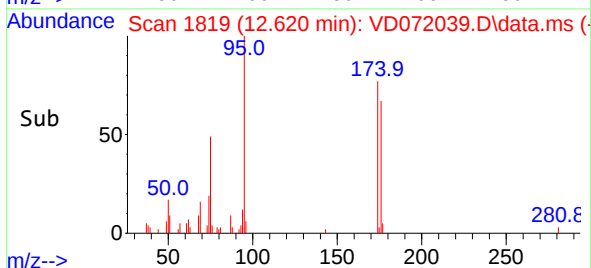
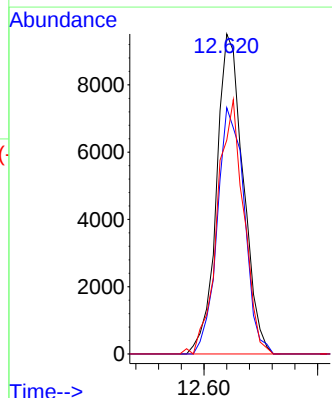
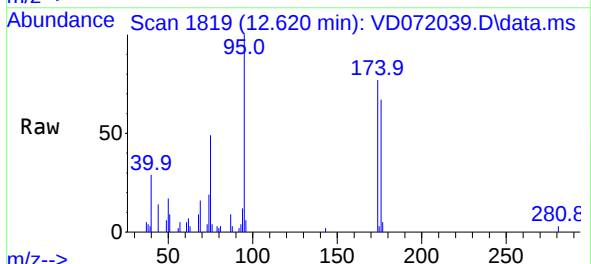
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

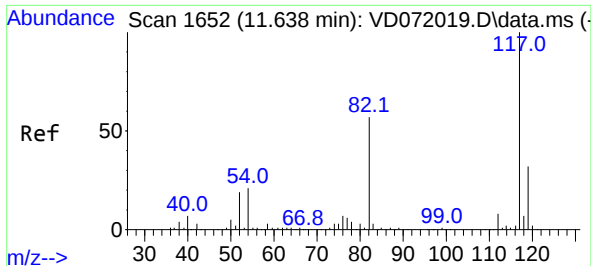
Tgt Ion: 98 Resp: 43730
Ion Ratio Lower Upper
98 100
100 69.8 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 49.930 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Tgt Ion: 95 Resp: 15522
Ion Ratio Lower Upper
95 100
174 78.0 0.0 155.0
176 78.6 0.0 148.8

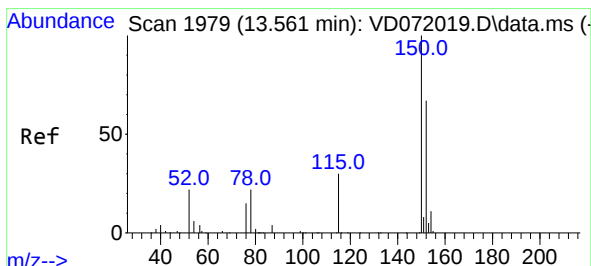
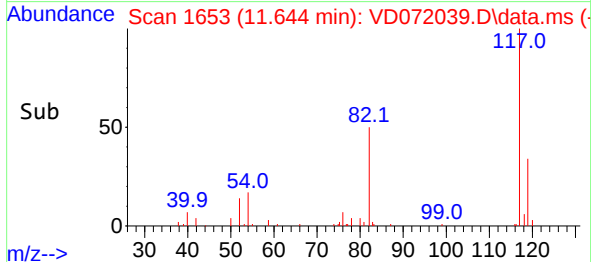
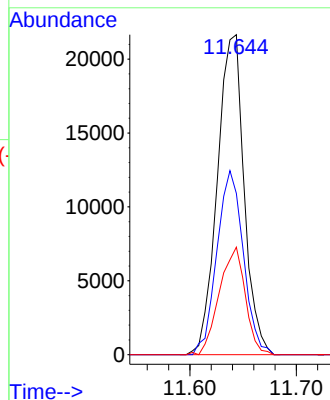
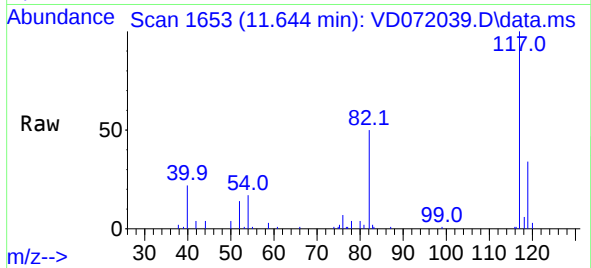




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

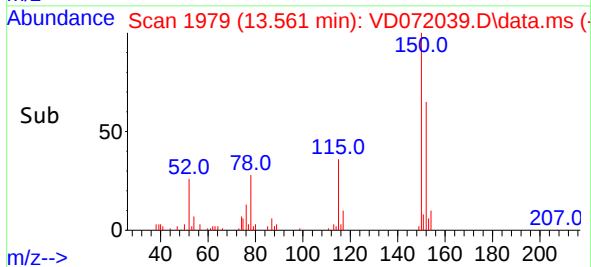
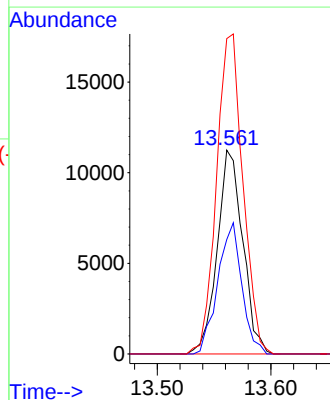
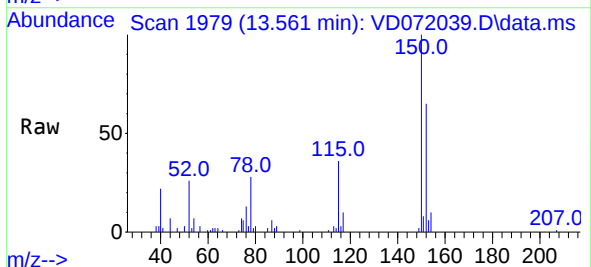
Instrument :
MSVOA_D
ClientSampleId :
CC-B5

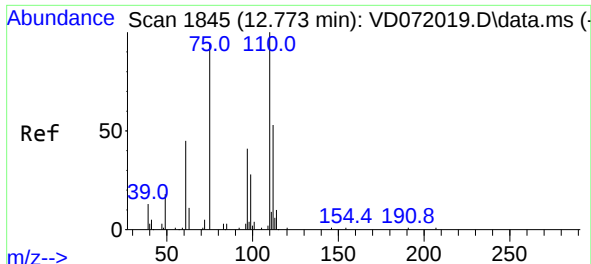
Tgt Ion:117 Resp: 37803
Ion Ratio Lower Upper
117 100
82 50.4 45.4 68.0
119 33.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Tgt Ion:152 Resp: 17567
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.7
150 162.2 0.0 347.6

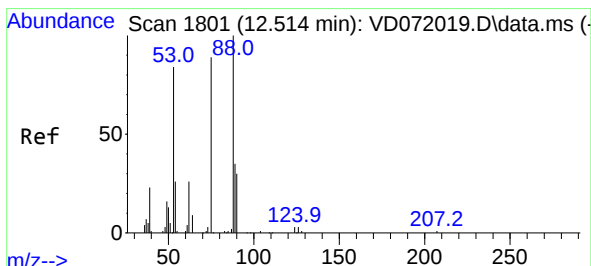
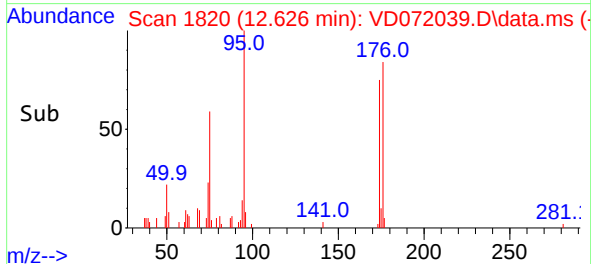
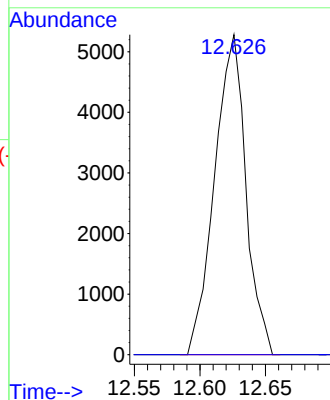
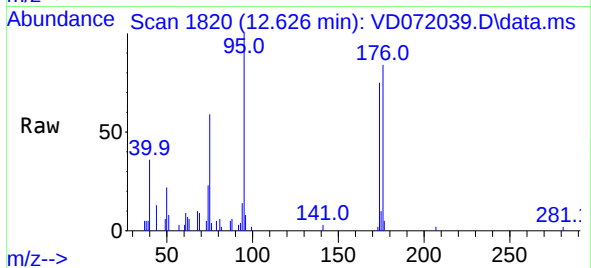




#76
1,2,3-Trichloropropane
Concen: 52.645 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
CC-B5

Tgt Ion: 75 Resp: 8760
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 131.834 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072039.D
Acq: 21 Feb 2022 18:23

Tgt Ion: 75 Resp: 8760
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#

