

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
 Data File : VD072738.D
 Acq On : 29 Apr 2022 12:52
 Operator : VA/SY
 Sample : N2602-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12-15-SB5-BK-PRISONRE

Quant Time: Apr 30 01:51:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

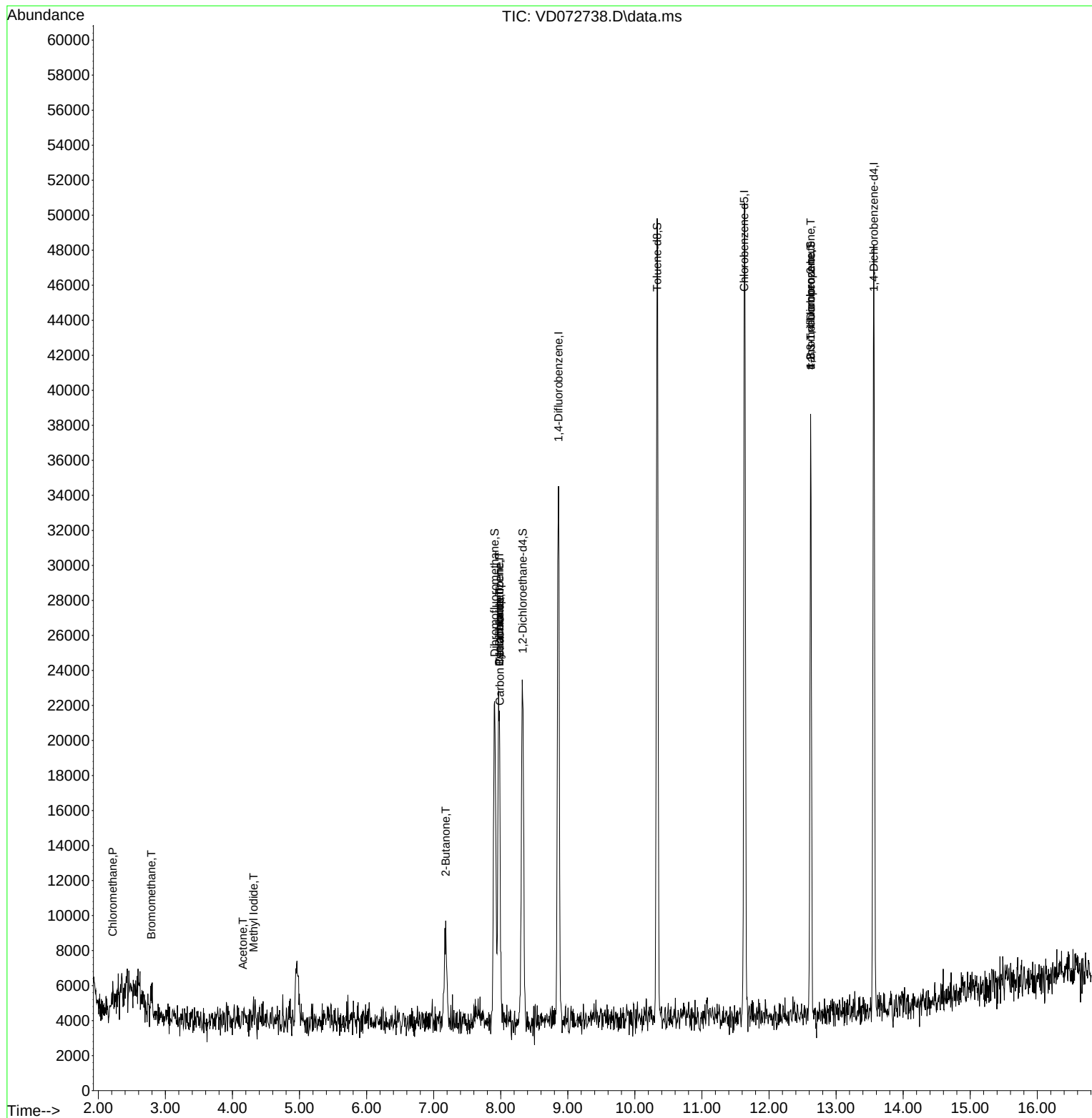
Internal Standards						
1) Pentafluorobenzene	7.979	168	12985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	25418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	27635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	15816	91.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.480%#	
35) Dibromofluoromethane	7.909	113	13693	80.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 161.780%#	
50) Toluene-d8	10.332	98	30542	50.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.620	95	10763	46.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.520%	
Target Compounds						
						Qvalue
3) Chloromethane	2.215	50	731	3.658	ug/l	99
5) Bromomethane	2.791	94	1272	10.928	ug/l #	78
10) Methyl Iodide	4.315	142	653	7.746	ug/l #	66
11) Tert butyl alcohol	5.185	59	233	Below Cal	#	74
16) Acetone	4.156	43	1112	32.913	ug/l #	47
20) Methylene Chloride	4.950	84	1717	Below Cal	#	72
25) 2-Butanone	7.179	43	80	1.587	ug/l #	52
31) Cyclohexane	7.979	56	472	1.577	ug/l #	79
36) 1,1-Dichloropropene	7.979	75	587	2.070	ug/l #	43
38) Carbon Tetrachloride	7.985	117	756	2.638	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	5698	42.556	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	5698	99.029	ug/l #	7

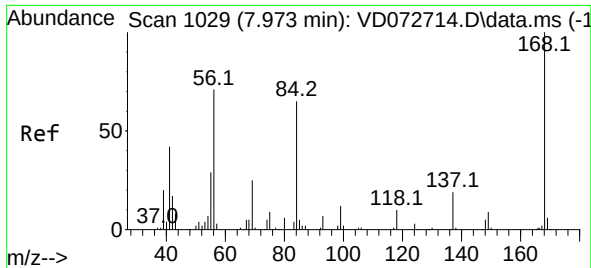
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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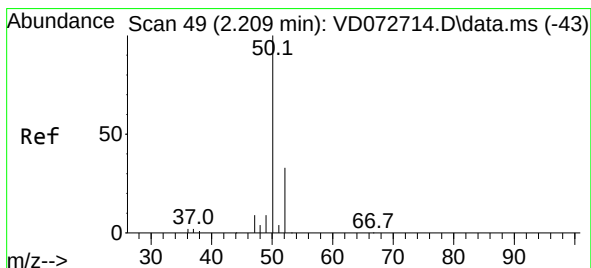
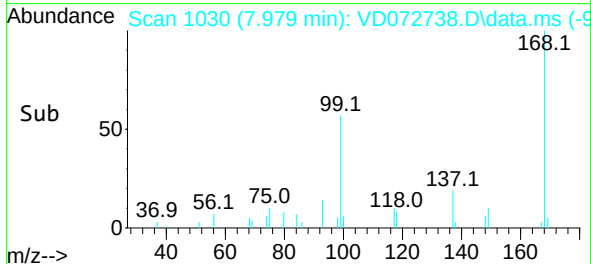
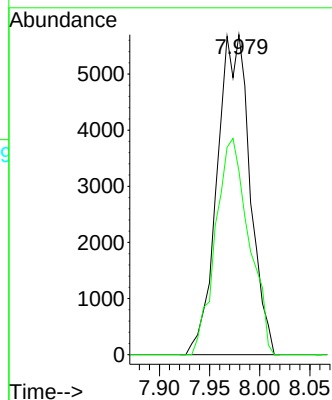
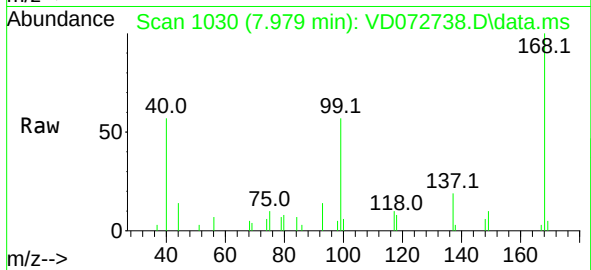




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

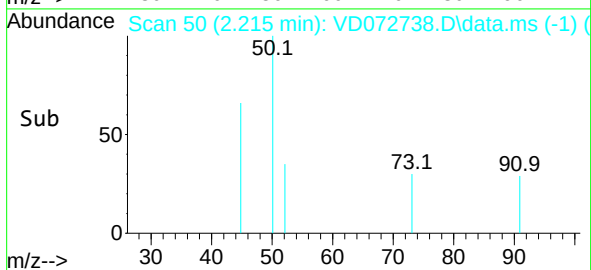
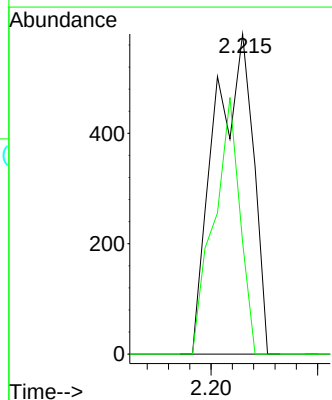
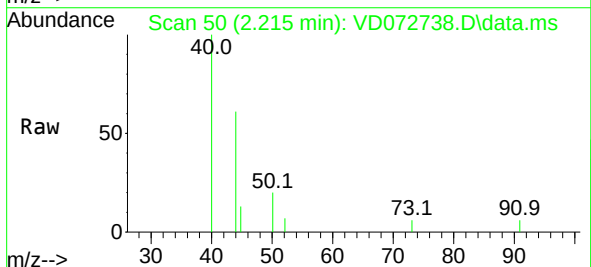
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISONRE

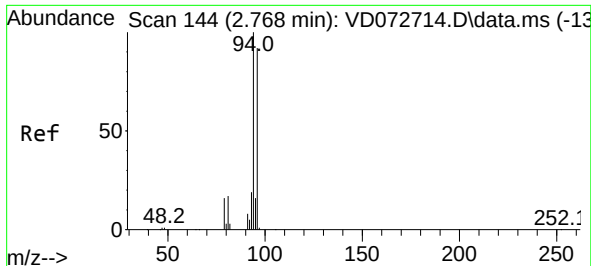
Tgt Ion:168 Resp: 12985
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#3
Chloromethane
Concen: 3.658 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Tgt Ion: 50 Resp: 731
Ion Ratio Lower Upper
50 100
52 35.0 27.4 41.0

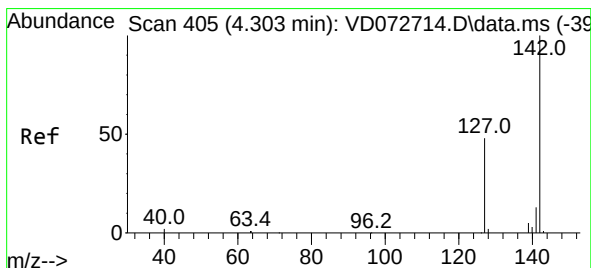
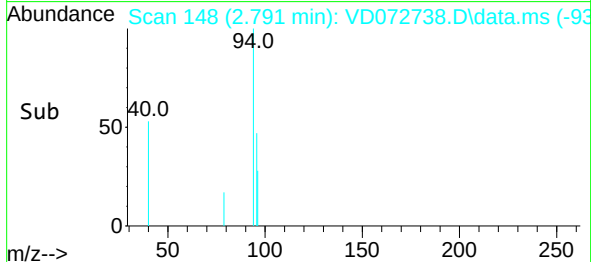
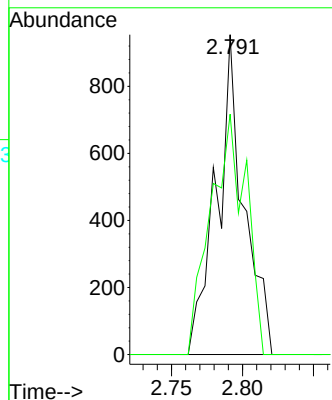
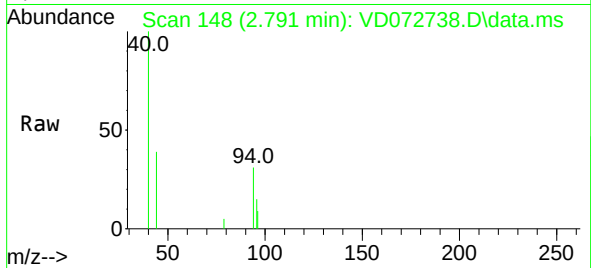




#5
Bromomethane
Concen: 10.928 ug/l
RT: 2.791 min Scan# 144
Delta R.T. 0.023 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

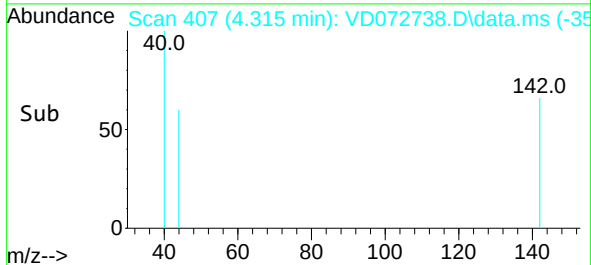
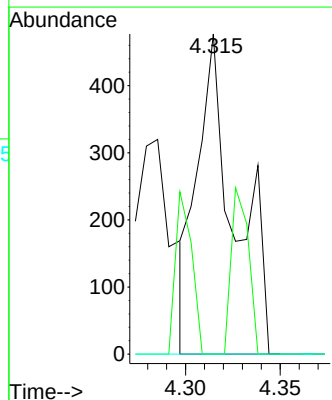
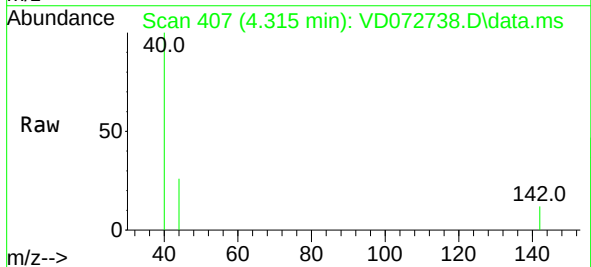
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISONRE

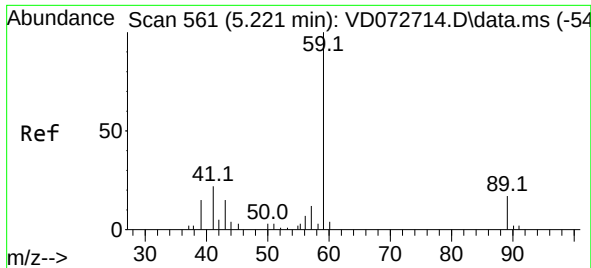
Tgt Ion: 94 Resp: 1272
Ion Ratio Lower Upper
94 100
96 75.2 77.6 116.4#



#10
Methyl Iodide
Concen: 7.746 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

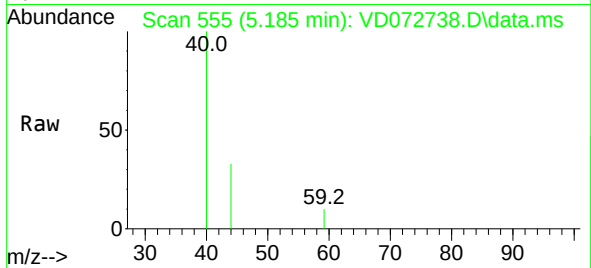
Tgt Ion: 142 Resp: 653
Ion Ratio Lower Upper
142 100
127 23.9 37.3 55.9#
141 0.0 11.7 17.5#



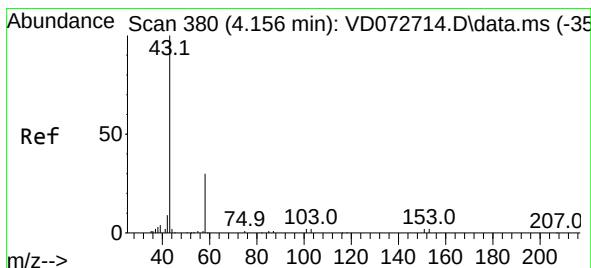
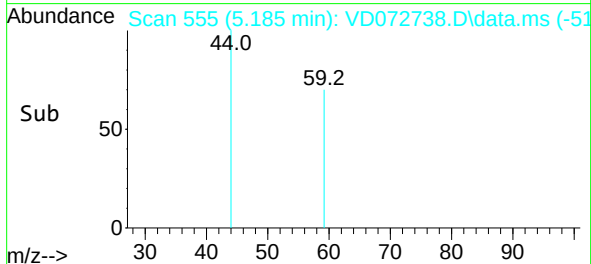
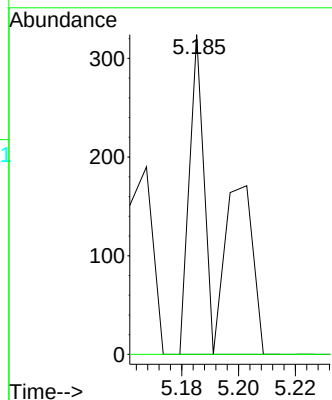


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISONRE

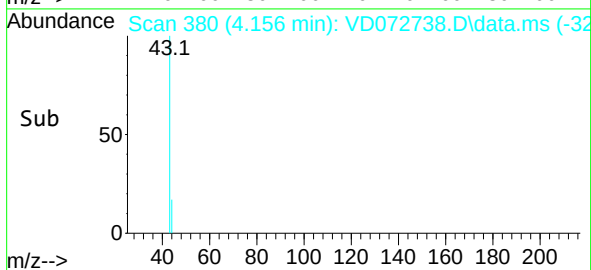
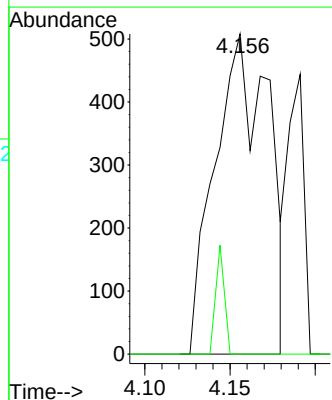
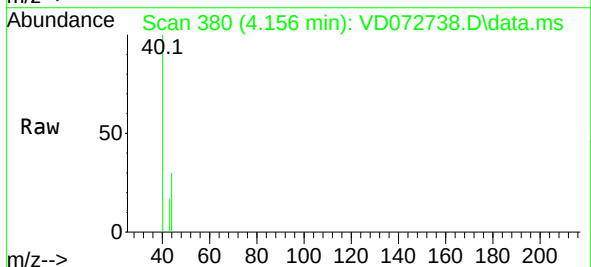


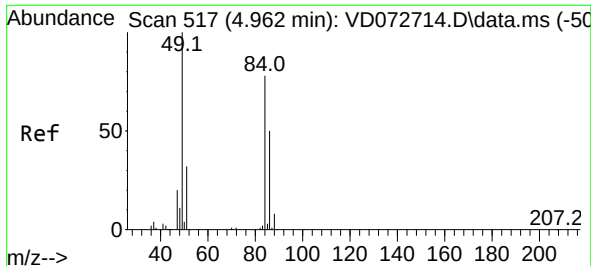
Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 32.913 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

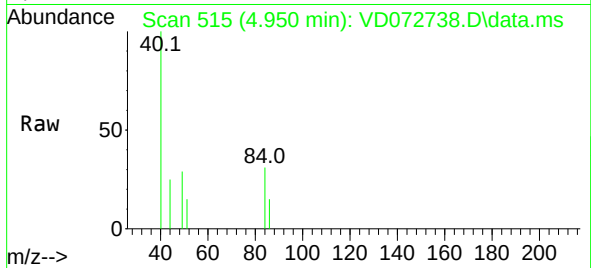
Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



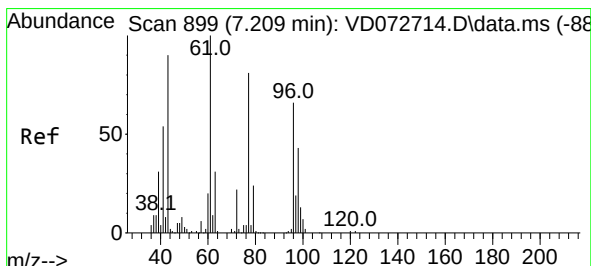
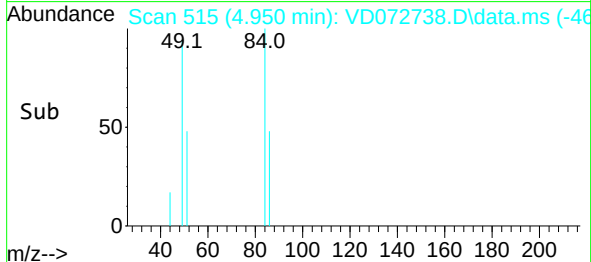
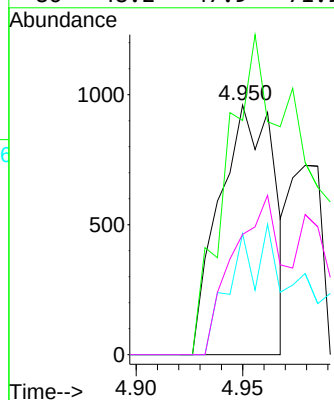


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISONRE

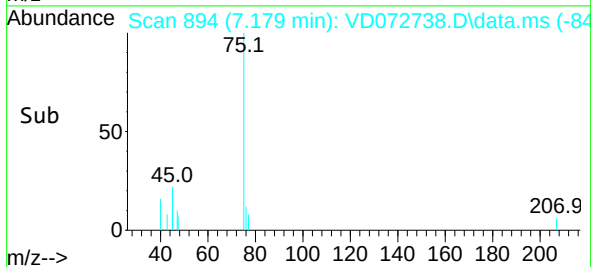
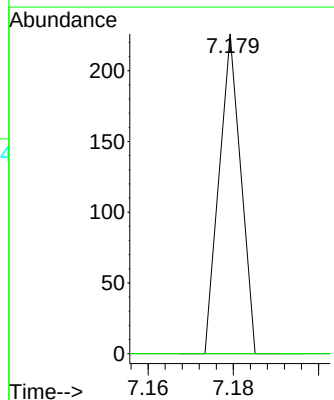
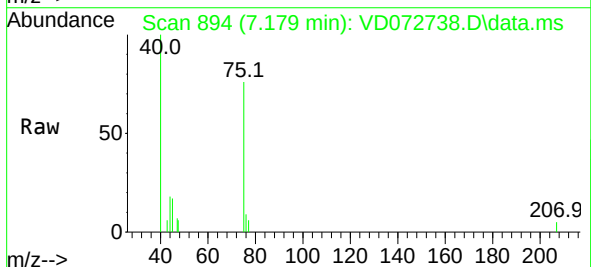


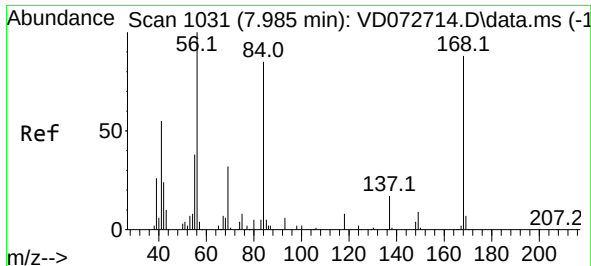
Tgt Ion: 84 Resp: 1717
Ion Ratio Lower Upper
84 100
49 93.9 112.8 169.2#
51 48.4 32.6 48.8
86 48.2 47.9 71.9



#25
2-Butanone
Concen: 1.587 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.030 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

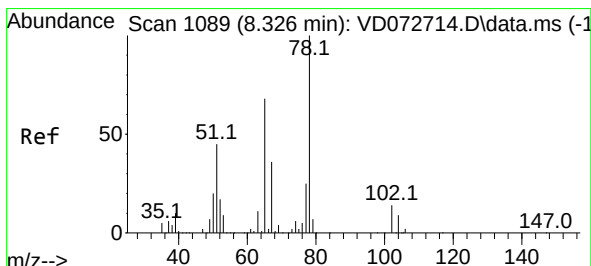
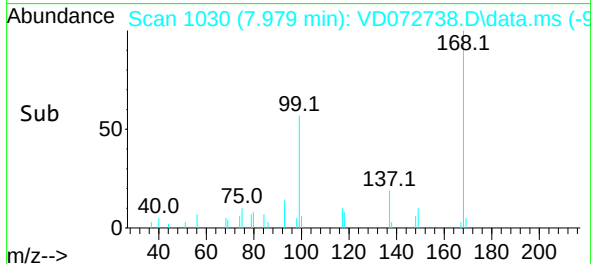
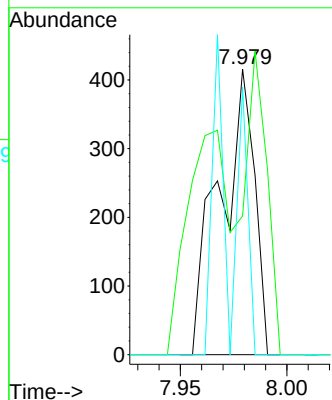
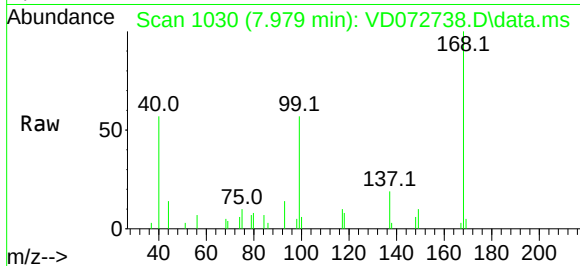




#31
Cyclohexane
Concen: 1.577 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

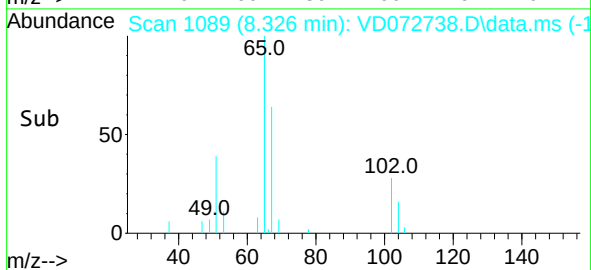
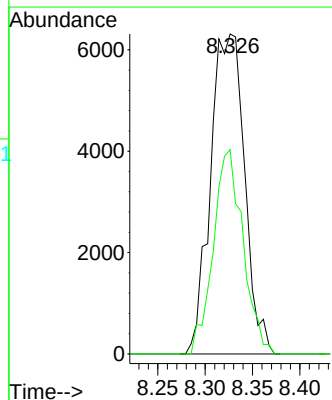
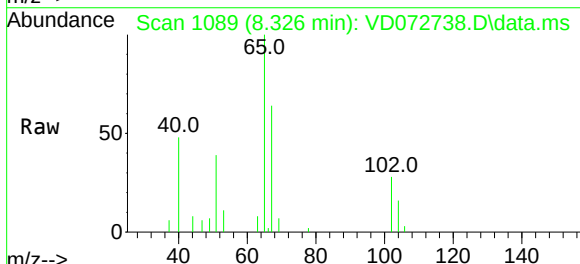
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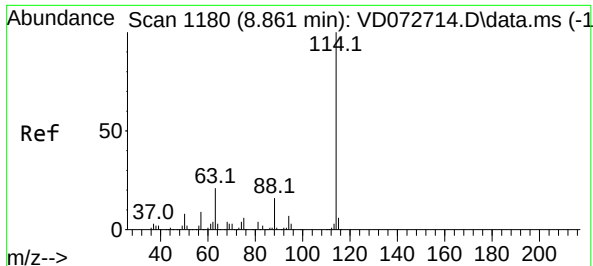
Tgt Ion: 56 Resp: 472
Ion Ratio Lower Upper
56 100
69 48.6 25.4 38.2#
84 93.5 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 91.741 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Tgt Ion: 65 Resp: 15816
Ion Ratio Lower Upper
65 100
67 55.6 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: VD072738.D

Acq: 29 Apr 2022 12:52

Instrument :

MSVOA_D

ClientSampleId :

12-15-SB5-BK-PRISONRE

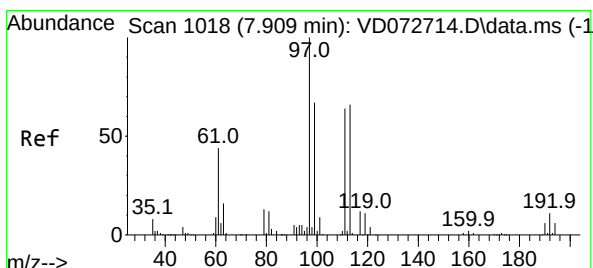
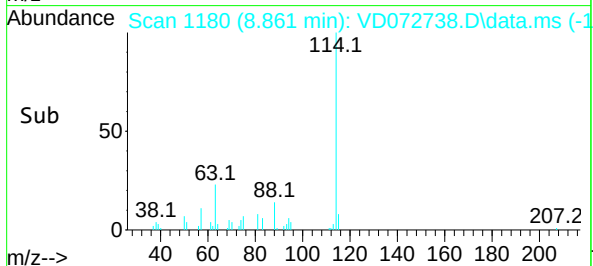
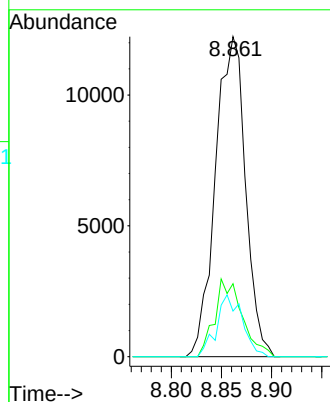
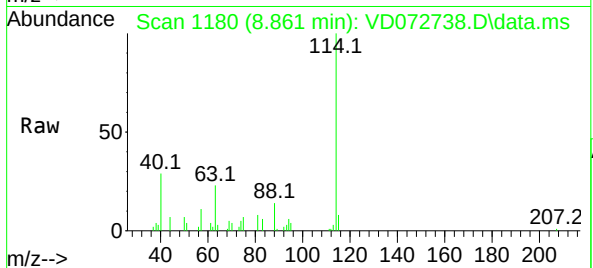
Tgt Ion:114 Resp: 25418

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 14.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 80.894 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072738.D

Acq: 29 Apr 2022 12:52

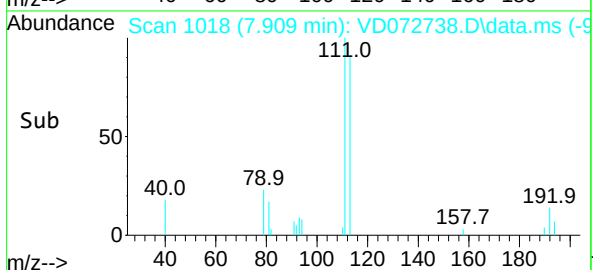
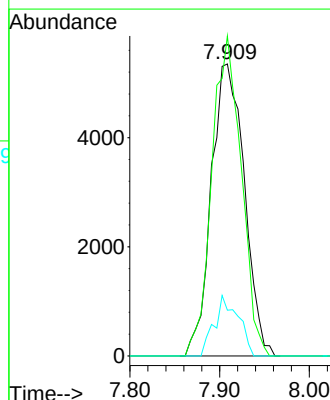
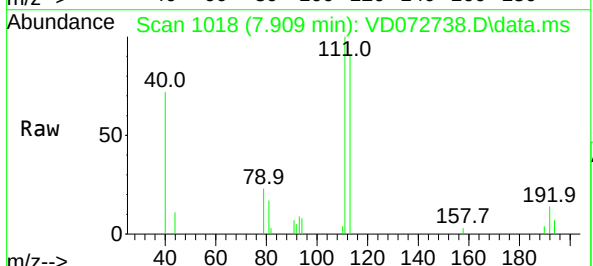
Tgt Ion:113 Resp: 13693

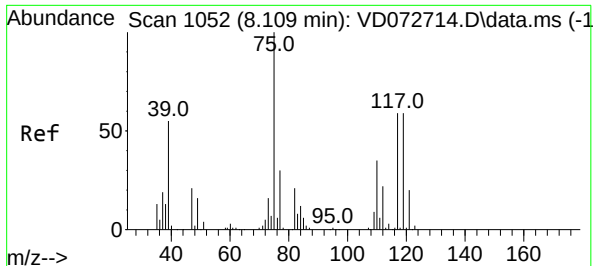
Ion Ratio Lower Upper

113 100

111 97.6 83.8 125.6

192 14.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 2.070 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD072738.D

Acq: 29 Apr 2022 12:52

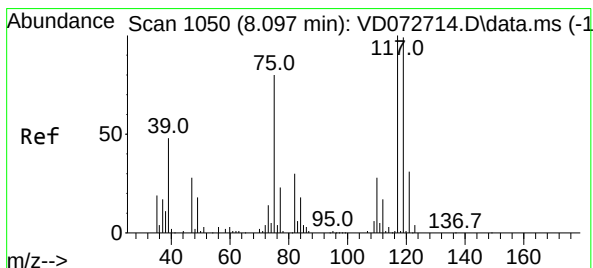
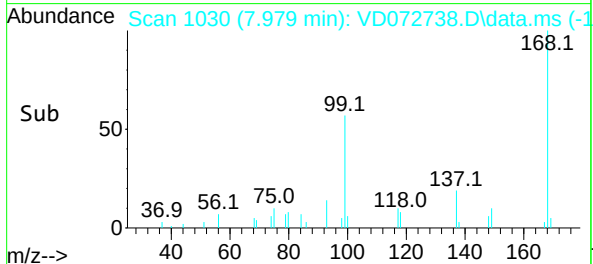
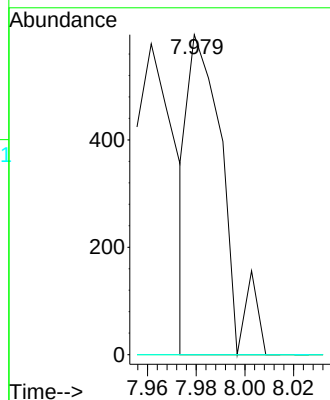
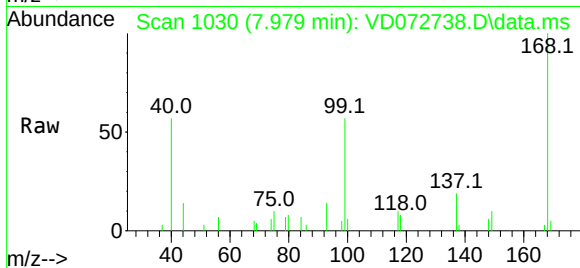
Instrument :

MSVOA_D

ClientSampleId :

12-15-SB5-BK-PRISONRE

Tgt Ion: 75	Resp: 587
Ion Ratio	Lower Upper
75	100
110	0.0 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 2.638 ug/l

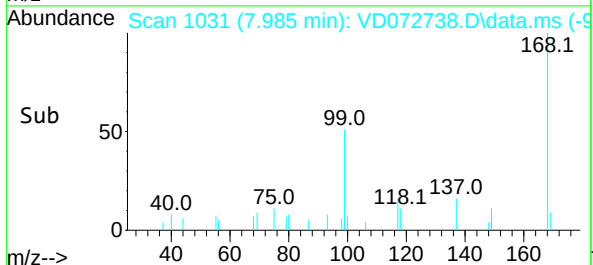
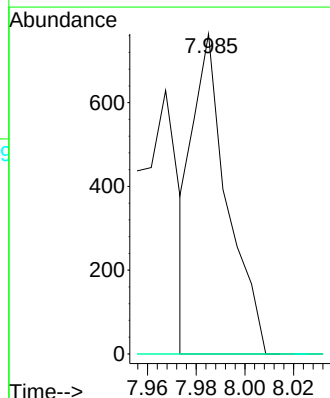
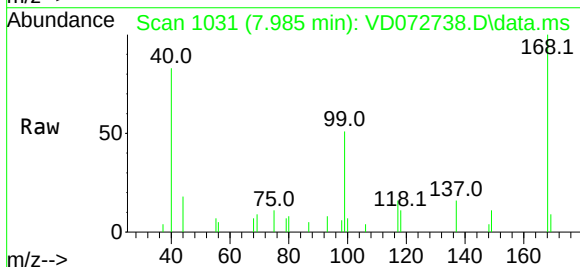
RT: 7.985 min Scan# 1031

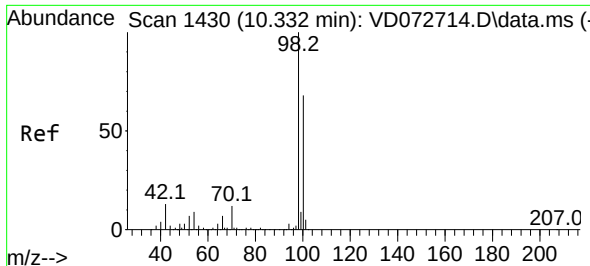
Delta R.T. -0.112 min

Lab File: VD072738.D

Acq: 29 Apr 2022 12:52

Tgt Ion: 117	Resp: 756
Ion Ratio	Lower Upper
117	100
119	0.0 75.8 113.6#
121	0.0 24.5 36.7#

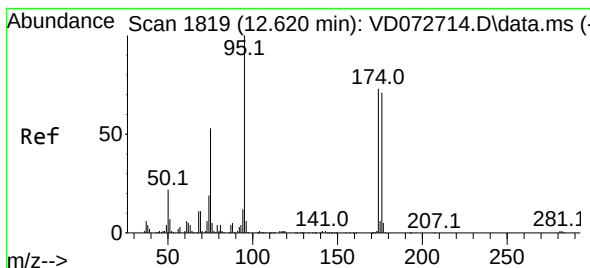
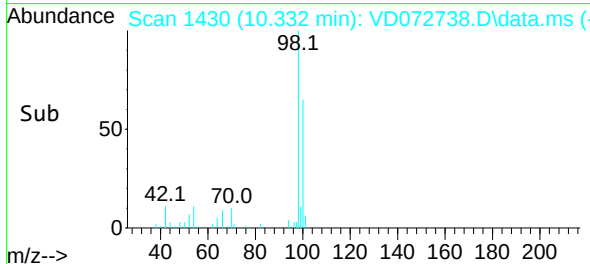
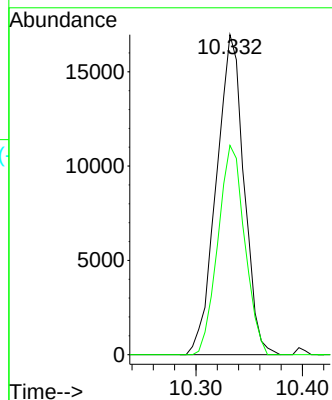
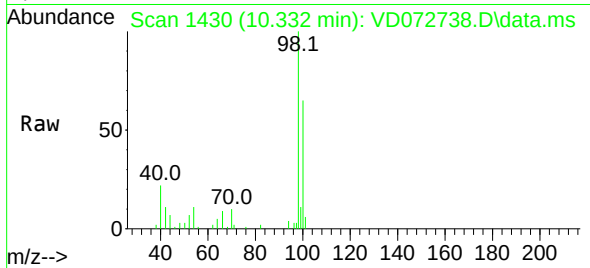




#50
Toluene-d8
Concen: 50.049 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

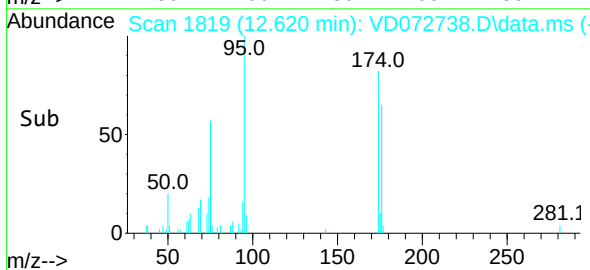
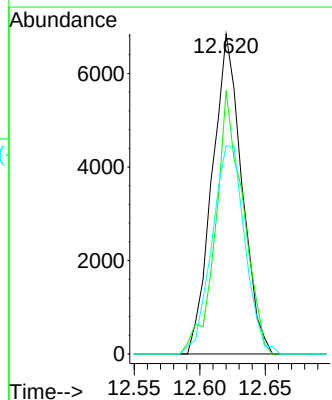
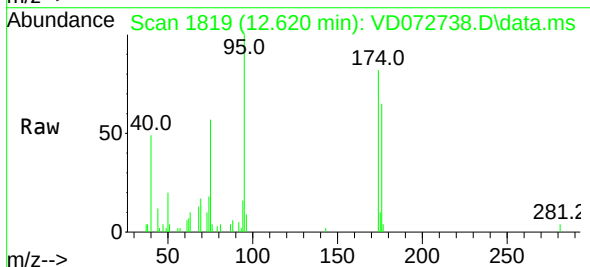
Instrument : MSVOA_D
ClientSampleId : 12-15-SB5-BK-PRISONRE

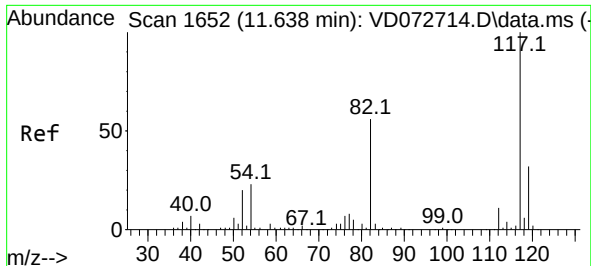
Tgt Ion: 98 Resp: 30542
Ion Ratio Lower Upper
98 100
100 63.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.765 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Tgt Ion: 95 Resp: 10763
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.2 0.0 145.4

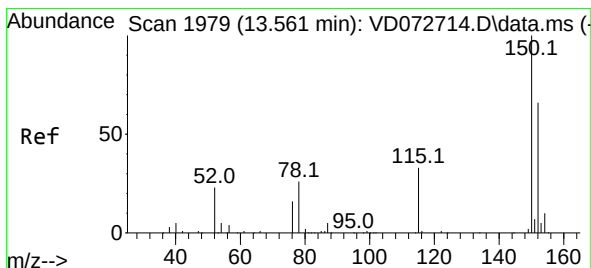
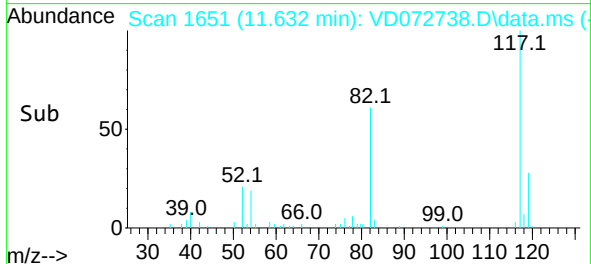
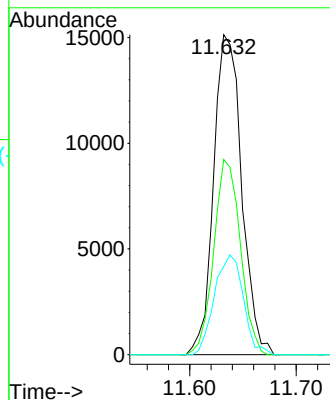
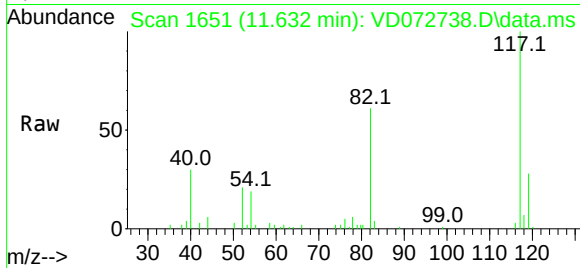




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

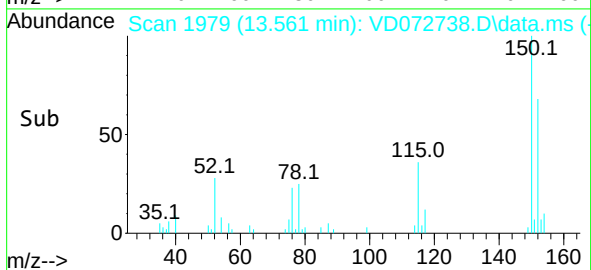
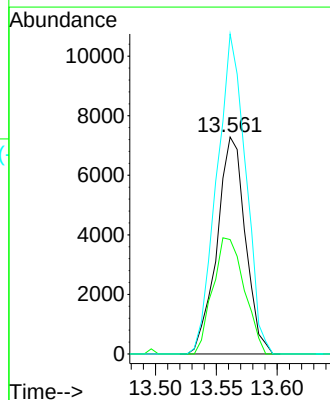
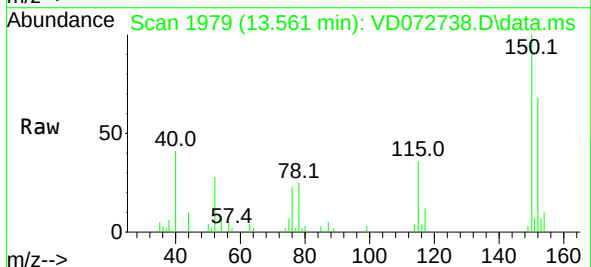
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISONRE

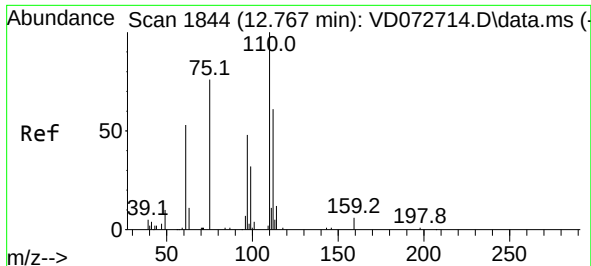
Tgt Ion:117 Resp: 27635
Ion Ratio Lower Upper
117 100
82 61.0 45.3 67.9
119 27.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Tgt Ion:152 Resp: 11848
Ion Ratio Lower Upper
152 100
115 59.1 31.3 93.8
150 150.1 0.0 348.6

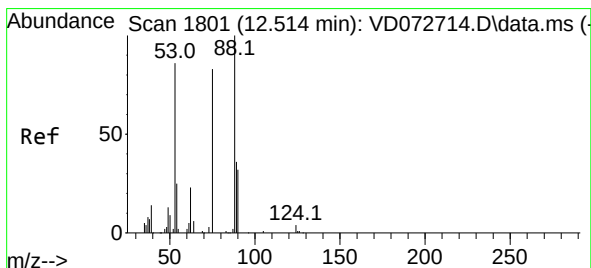
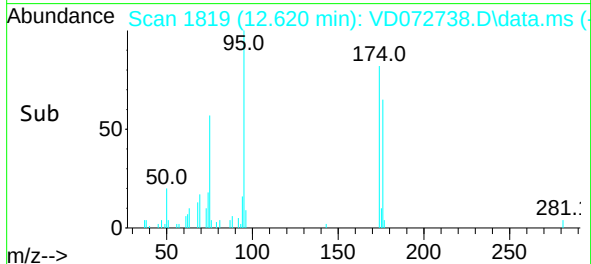
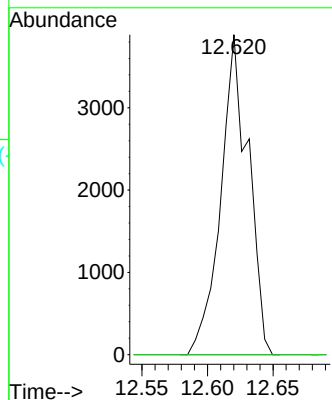
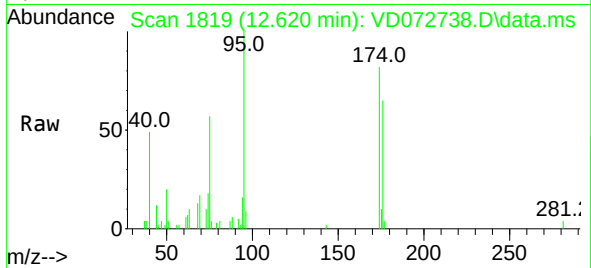




#76
1,2,3-Trichloropropane
Concen: 42.556 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISONRE

Tgt Ion: 75 Resp: 5698
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 99.029 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072738.D
Acq: 29 Apr 2022 12:52

Tgt Ion: 75 Resp: 5698
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

