

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
 Data File : VD072736.D
 Acq On : 29 Apr 2022 11:56
 Operator : VA/SY
 Sample : N2602-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12-15-SB1-BK-PRISON

Quant Time: Apr 30 01:51:01 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)

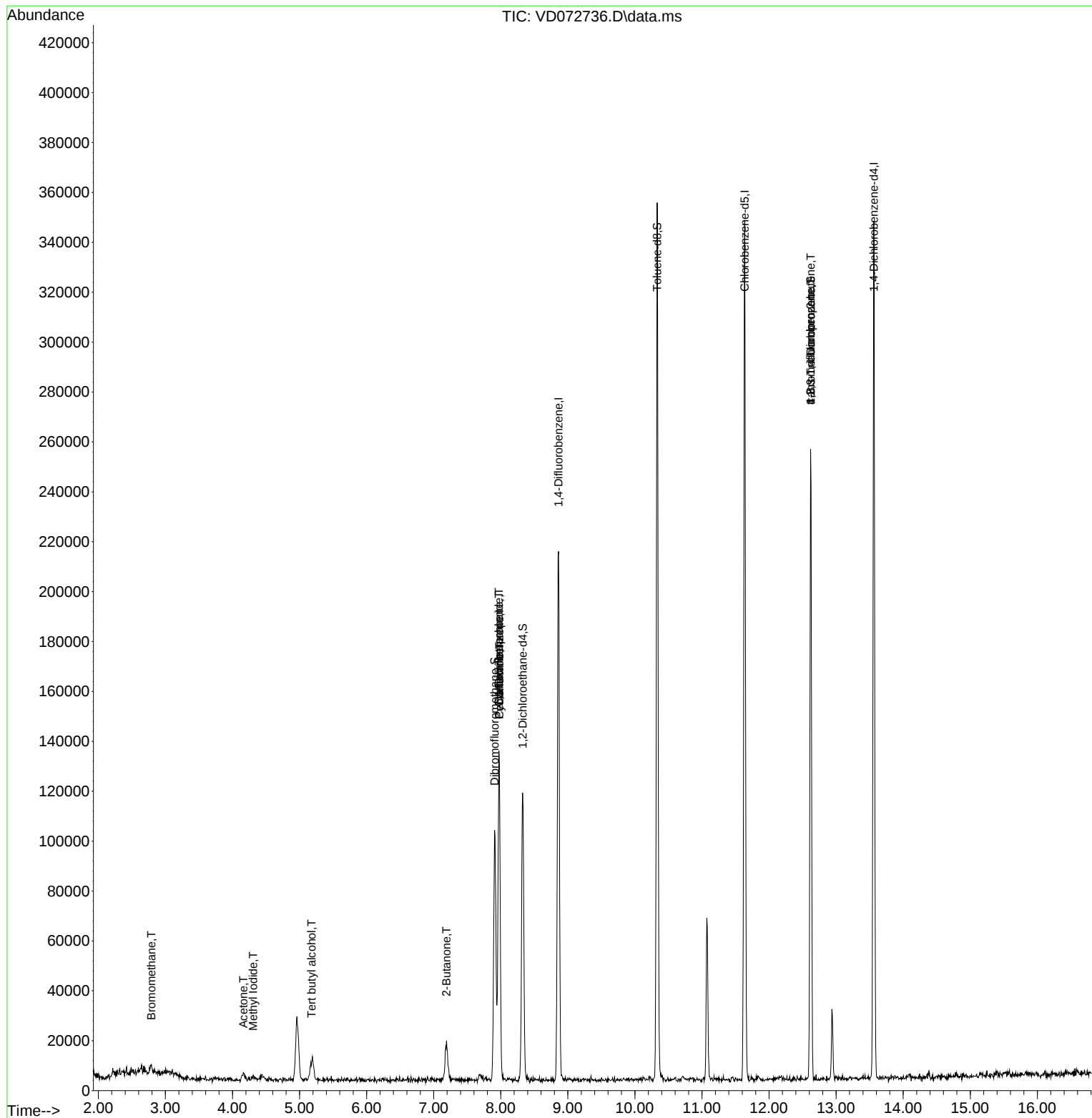
Internal Standards						
1) Pentafluorobenzene	7.979	168	91917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	179328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	193594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	88524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	94832	77.708	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 155.420%			
35) Dibromofluoromethane	7.908	113	73343	61.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.820%			
50) Toluene-d8	10.332	98	220308	51.170	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.620	95	85760	52.816	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.640%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	2114	2.566	ug/l #	64
10) Methyl Iodide	4.308	142	2178	6.129	ug/l #	70
11) Tert butyl alcohol	5.179	59	8777	62.959	ug/l #	74
16) Acetone	4.161	43	5273	22.048	ug/l	96
20) Methylene Chloride	4.973	84	18617	Below Cal	#	81
25) 2-Butanone	7.191	43	610	1.709	ug/l #	52
31) Cyclohexane	7.979	56	2481	1.171	ug/l #	35
36) 1,1-Dichloropropene	7.973	75	8189	4.093	ug/l #	51
38) Carbon Tetrachloride	7.973	117	10029	4.959	ug/l #	20
76) 1,2,3-Trichloropropane	12.620	75	44524	44.427	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	44524	103.566	ug/l #	7

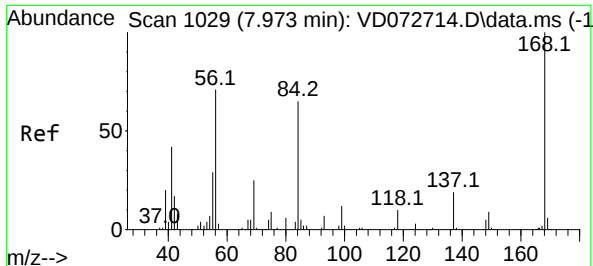
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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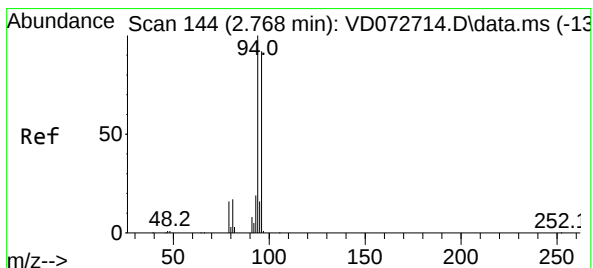
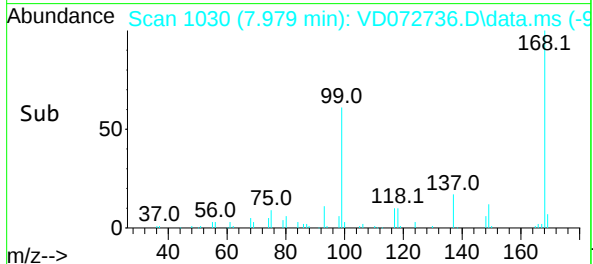
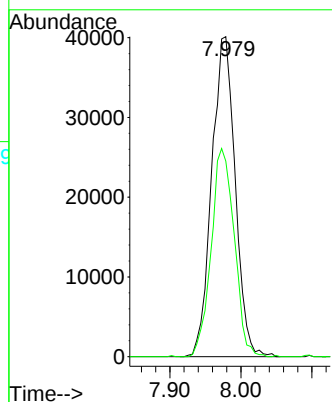
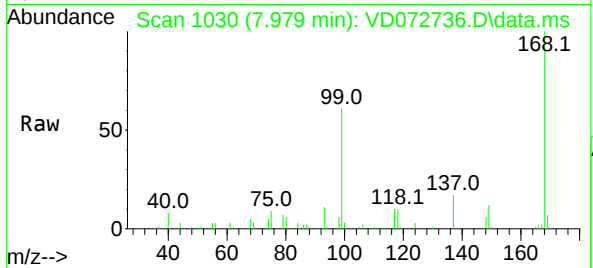




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

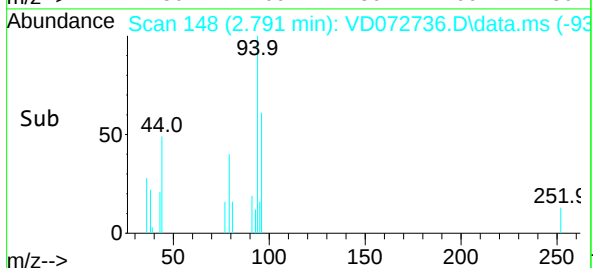
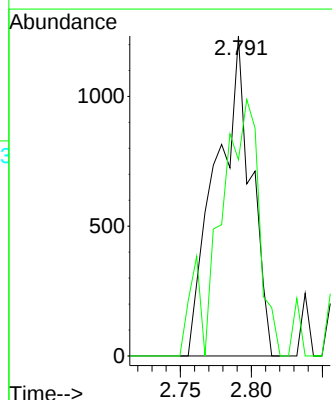
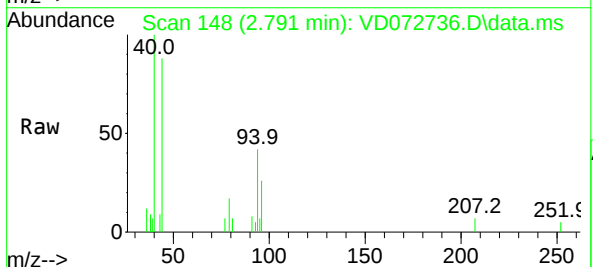
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB1-BK-PRISON

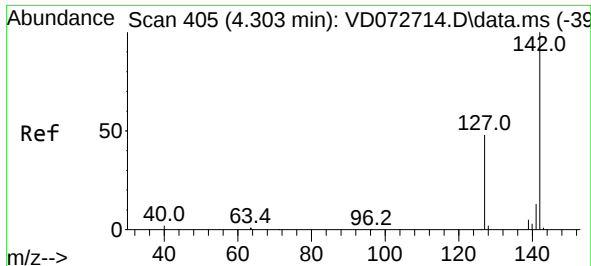
Tgt Ion:168 Resp: 91917
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#5
Bromomethane
Concen: 2.566 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

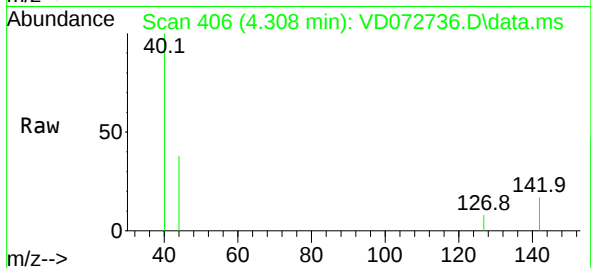
Tgt Ion: 94 Resp: 2114
Ion Ratio Lower Upper
94 100
96 61.3 77.6 116.4#



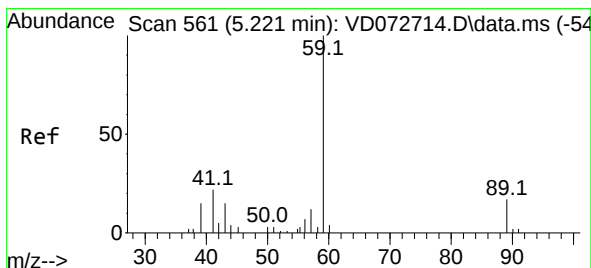
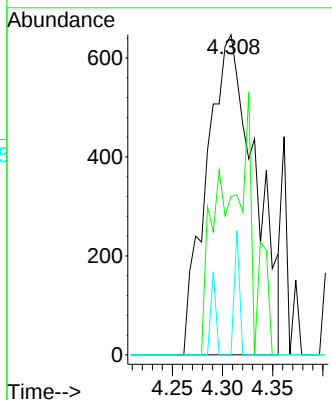
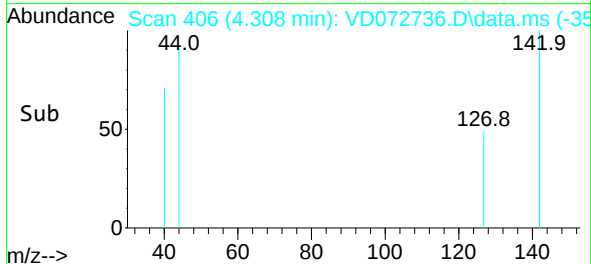


#10
Methyl Iodide
Concen: 6.129 ug/l
RT: 4.308 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
12-15-SB1-BK-PRISON

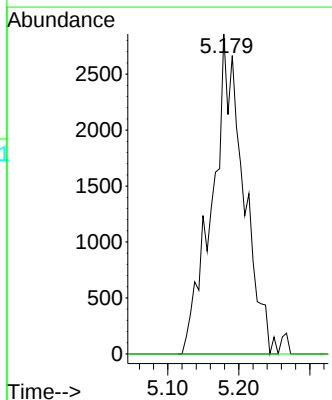
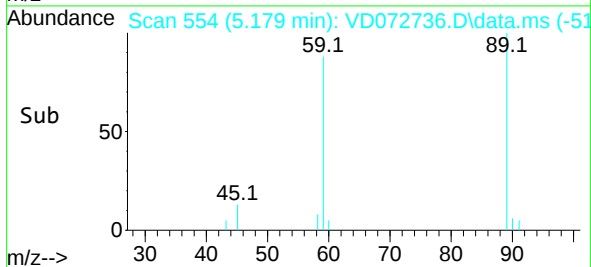
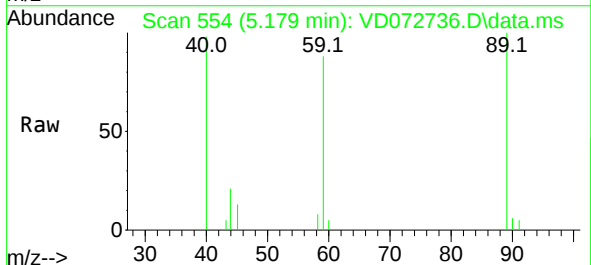


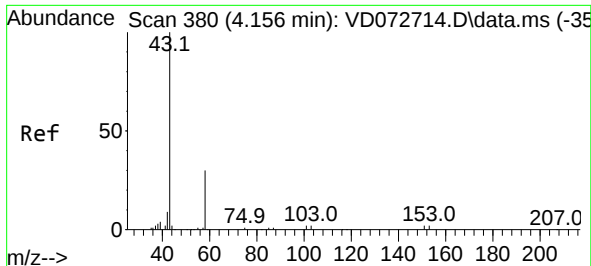
Tgt Ion:142 Resp: 2178
Ion Ratio Lower Upper
142 100
127 25.6 37.3 55.9#
141 4.1 11.7 17.5#



#11
Tert butyl alcohol
Concen: 62.959 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.042 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

Tgt Ion: 59 Resp: 8777
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

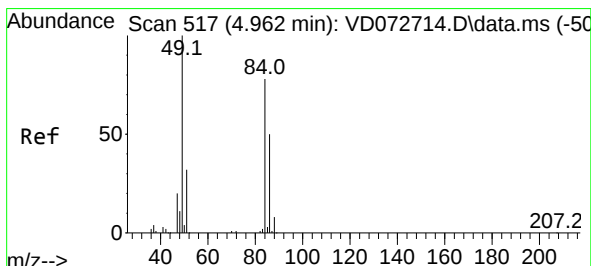
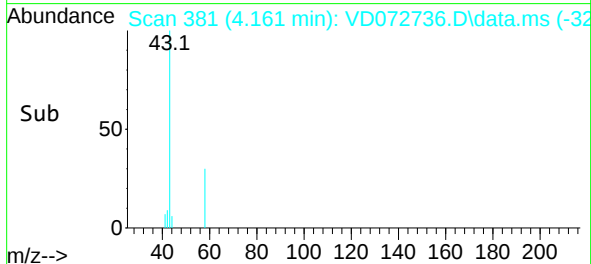
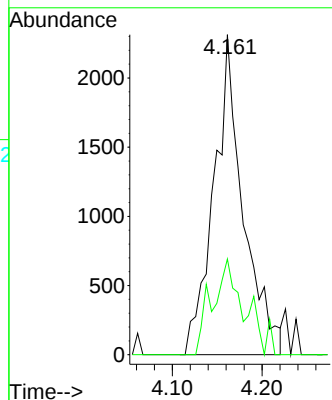
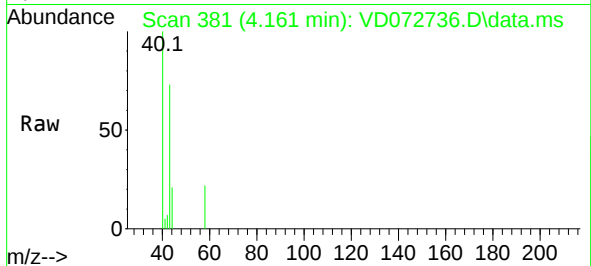




#16
Acetone
Concen: 22.048 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

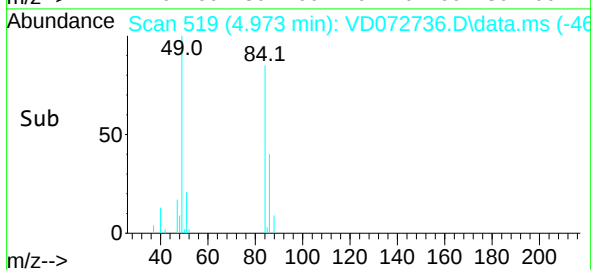
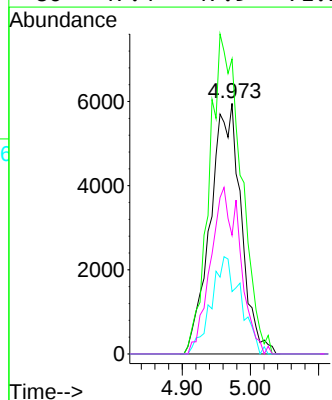
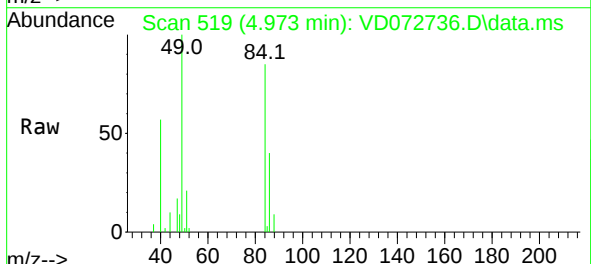
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB1-BK-PRISON

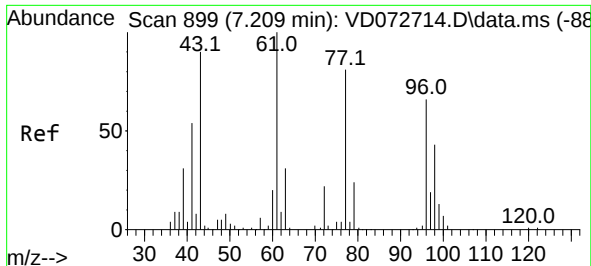
Tgt Ion: 43 Resp: 5273
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

Tgt Ion: 84 Resp: 18617
Ion Ratio Lower Upper
84 100
49 117.8 112.8 169.2
51 24.9 32.6 48.8#
86 47.4 47.9 71.9#





#25

2-Butanone

Concen: 1.709 ug/l

RT: 7.191 min Scan# 899

Delta R.T. -0.018 min

Lab File: VD072736.D

Acq: 29 Apr 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

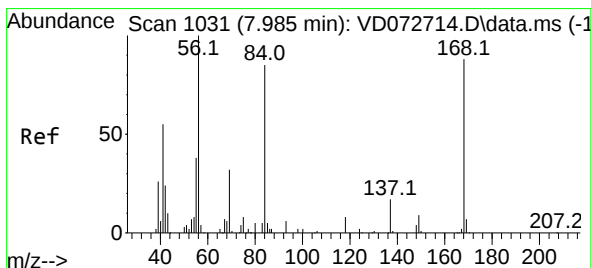
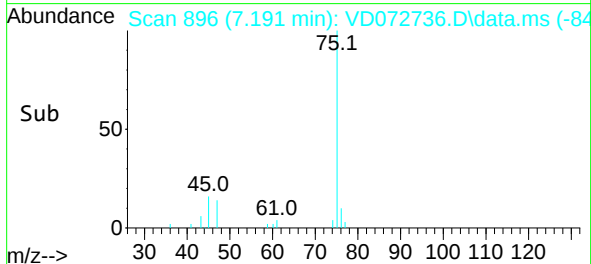
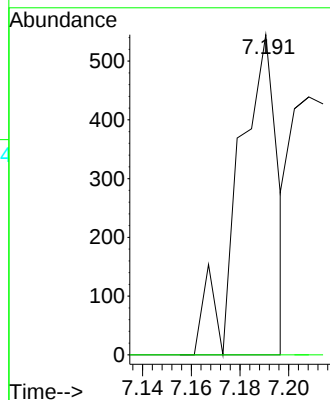
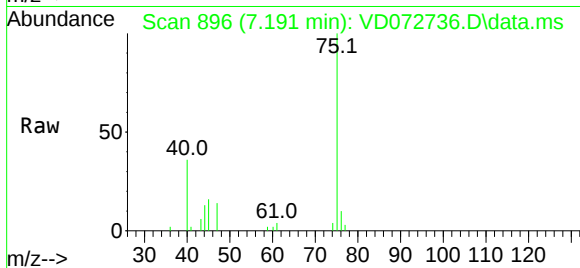
12-15-SB1-BK-PRISON

Tgt Ion: 43 Resp: 610

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.171 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072736.D

Acq: 29 Apr 2022 11:56

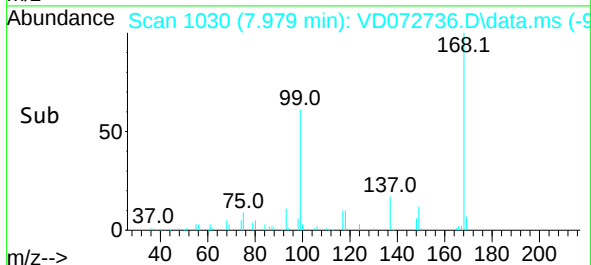
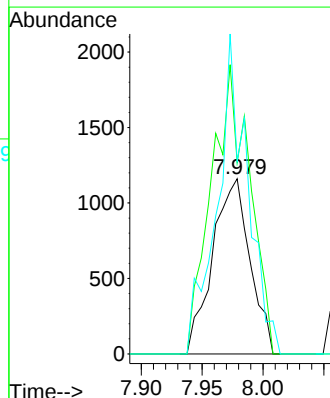
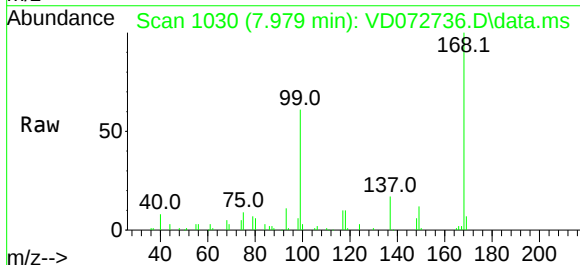
Tgt Ion: 56 Resp: 2481

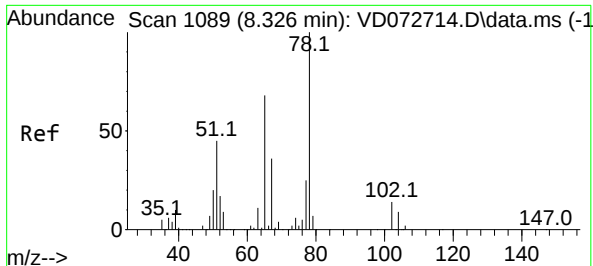
Ion Ratio Lower Upper

56 100

69 109.2 25.4 38.2#

84 109.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 77.708 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072736.D

Acq: 29 Apr 2022 11:56

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ClientSampleId :

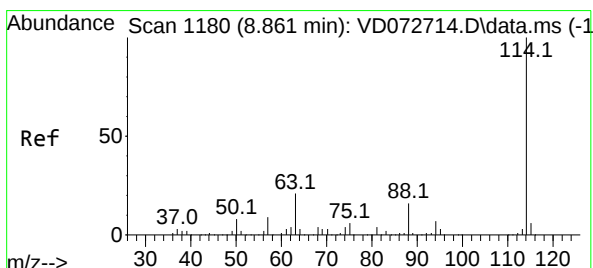
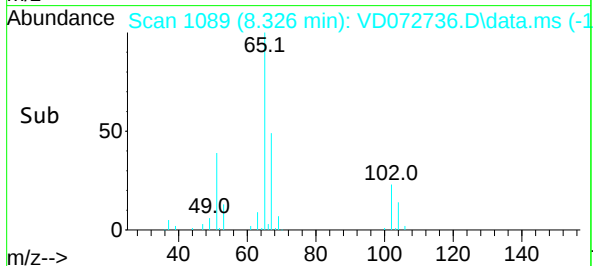
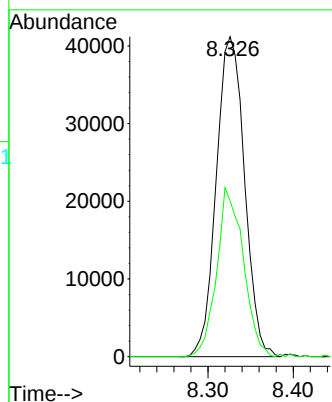
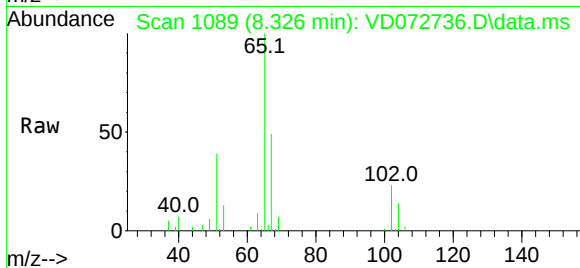
12-15-SB1-BK-PRISON

Tgt Ion: 65 Resp: 94832

Ion Ratio Lower Upper

65 100

67 49.7 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: VD072736.D

Acq: 29 Apr 2022 11:56

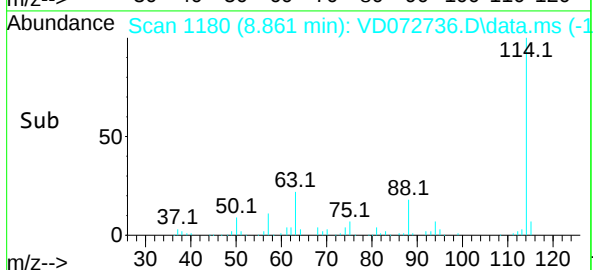
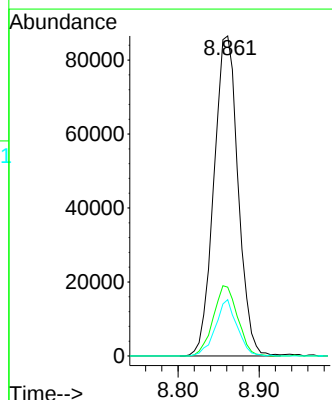
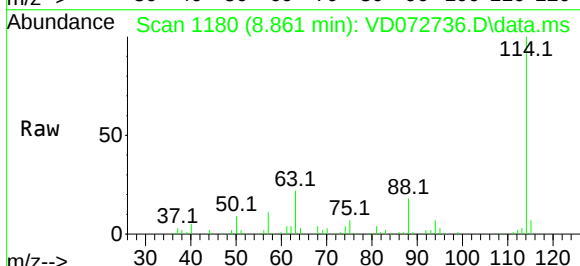
Tgt Ion: 114 Resp: 179328

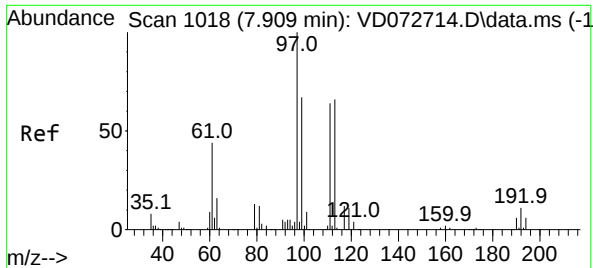
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 17.6 0.0 33.2

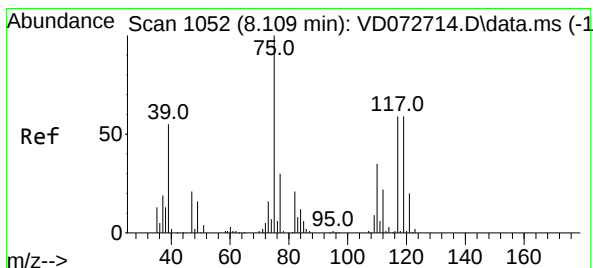
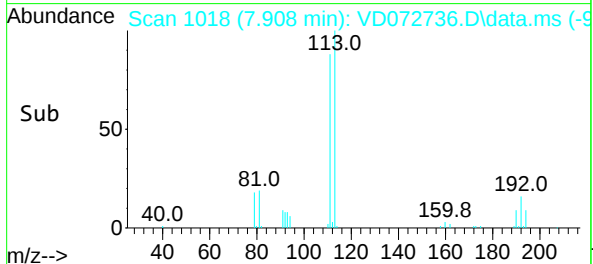
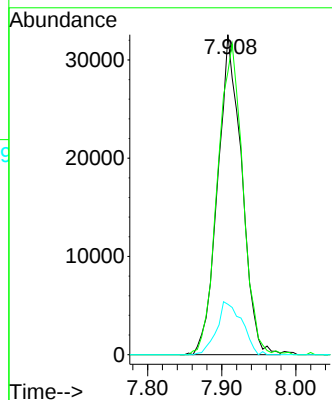
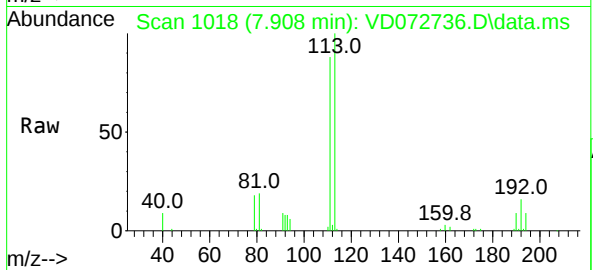




#35
Dibromofluoromethane
Concen: 61.414 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

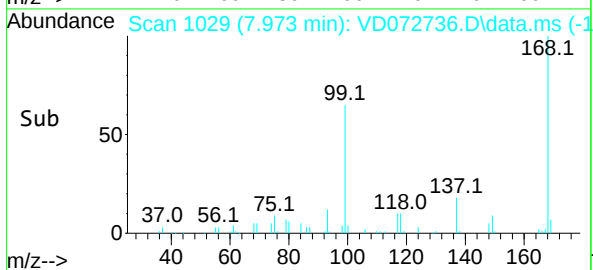
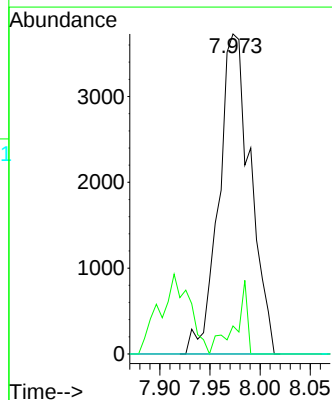
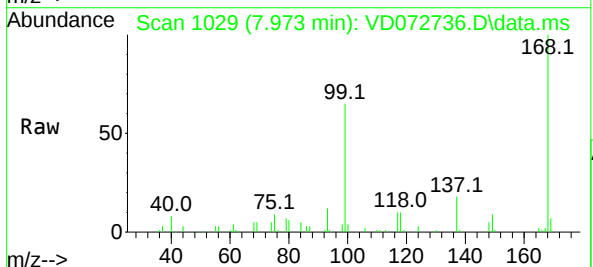
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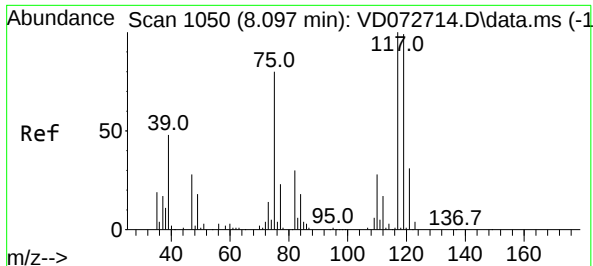
Tgt Ion:113 Resp: 73343
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 17.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.093 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

Tgt Ion: 75 Resp: 8189
Ion Ratio Lower Upper
75 100
110 8.8 16.4 49.1#
77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 4.959 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072736.D

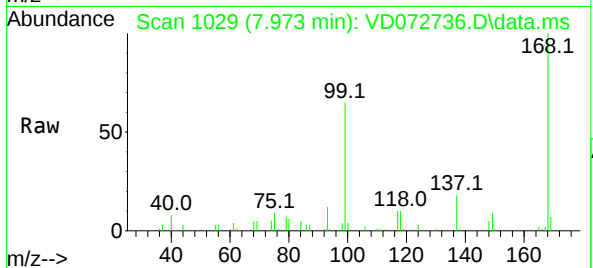
Acq: 29 Apr 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

12-15-SB1-BK-PRISON



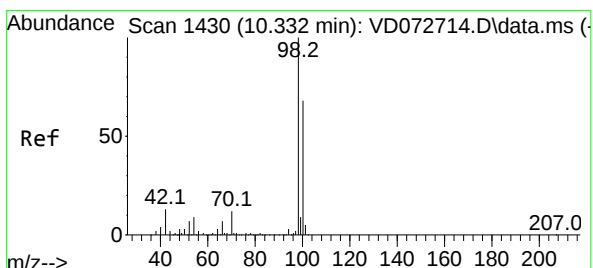
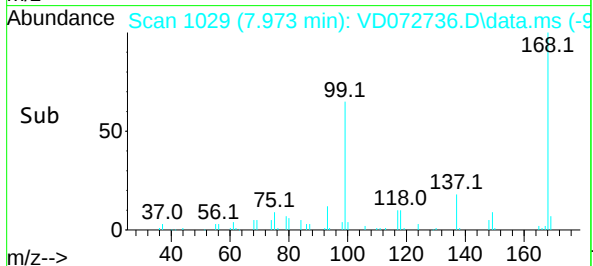
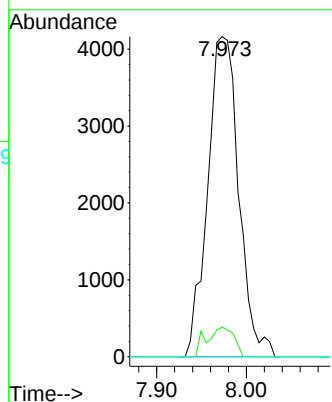
Tgt Ion:117 Resp: 10029

Ion Ratio Lower Upper

117 100

119 9.2 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 51.170 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072736.D

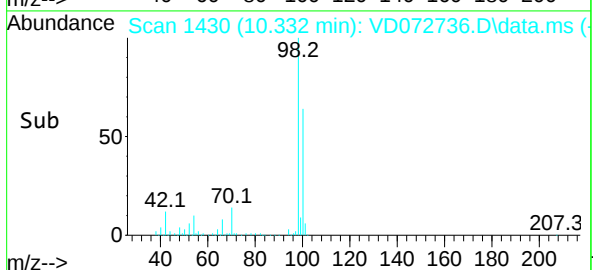
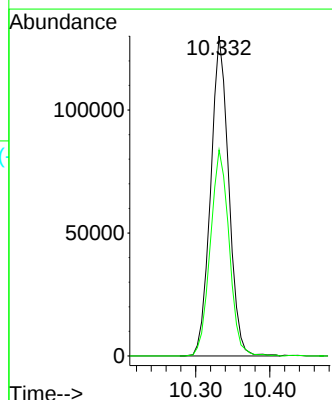
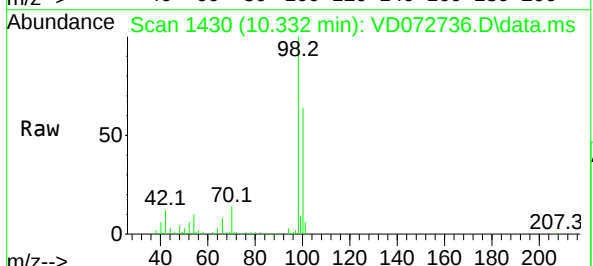
Acq: 29 Apr 2022 11:56

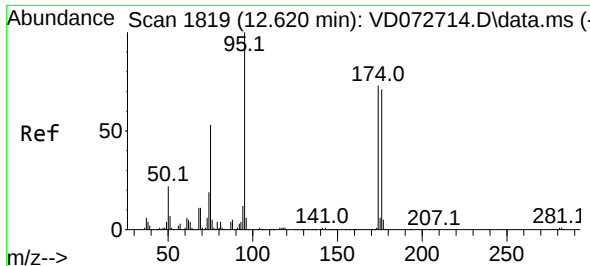
Tgt Ion: 98 Resp: 220308

Ion Ratio Lower Upper

98 100

100 66.9 52.4 78.6

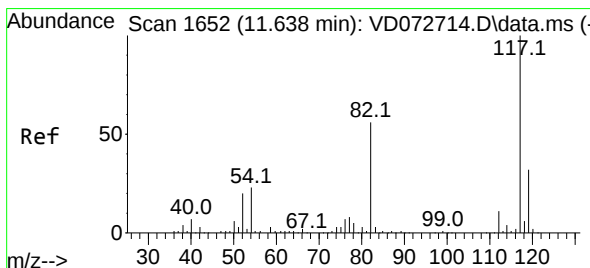
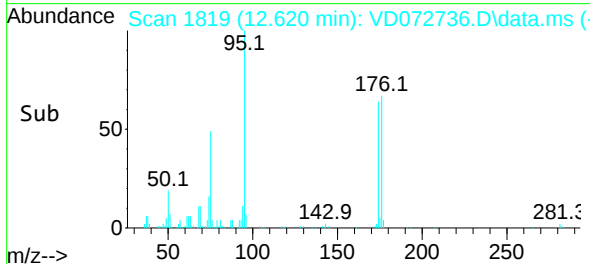
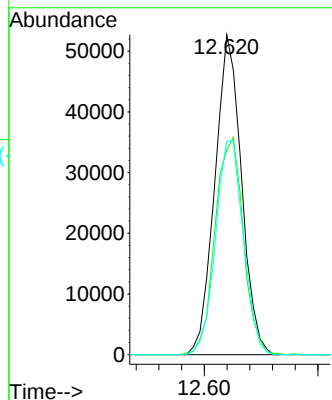
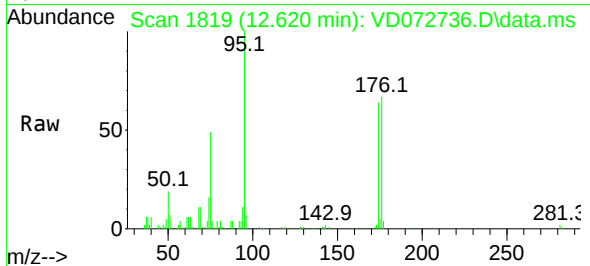




#62
4-Bromofluorobenzene
Concen: 52.816 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

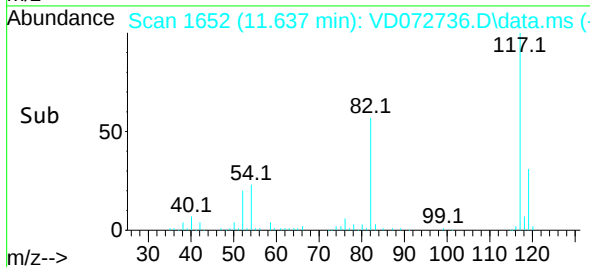
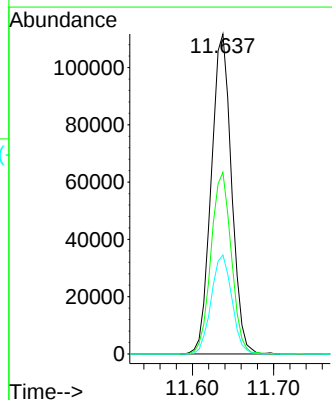
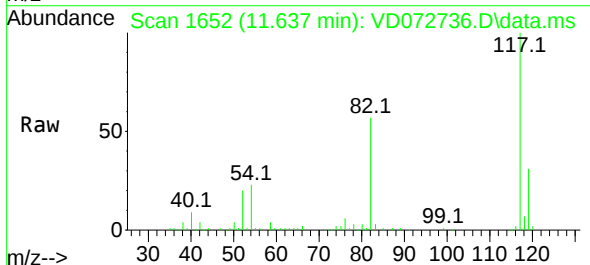
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB1-BK-PRISON

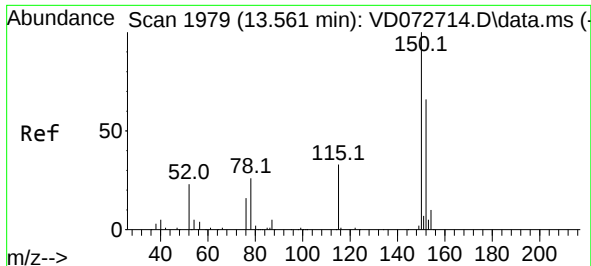
Tgt Ion:	95	Resp:	85760
Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	152.8
176	69.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD072736.D
Acq: 29 Apr 2022 11:56

Tgt Ion:	117	Resp:	193594
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.3	67.9
119	30.9	26.6	40.0

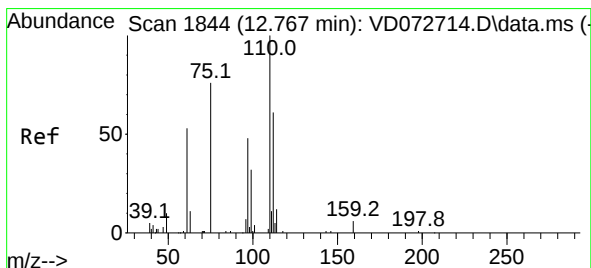
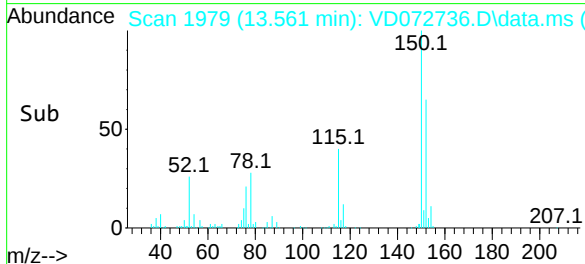
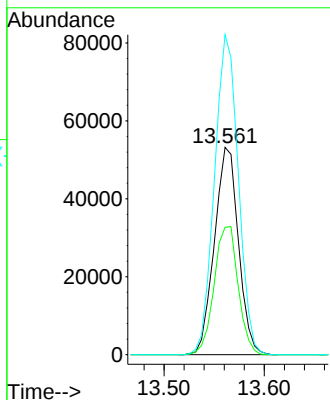
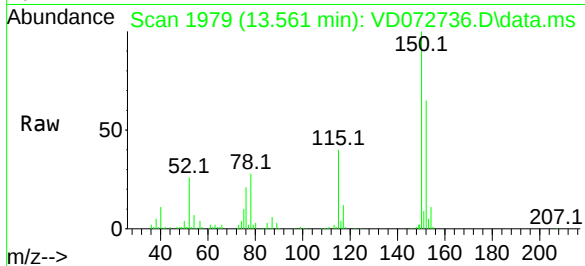




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD072736.D
 Acq: 29 Apr 2022 11:56

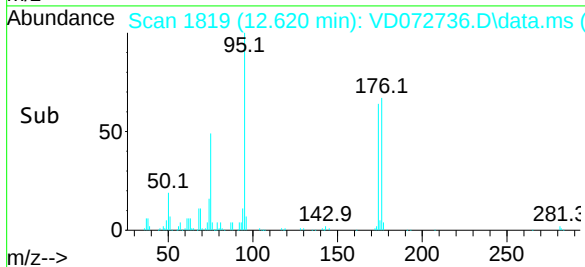
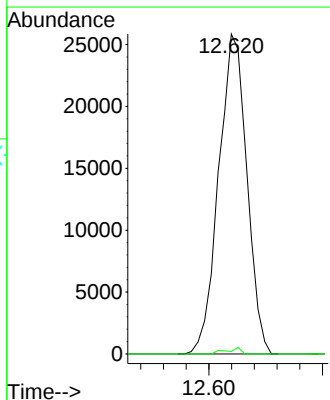
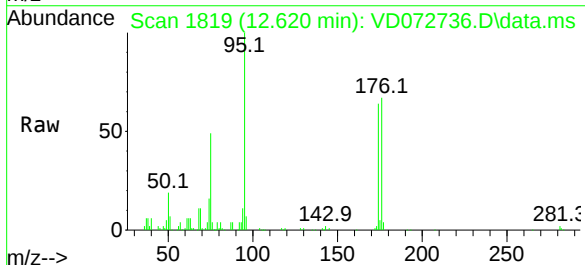
Instrument :
 MSVOA_D
 ClientSampleId :
 12-15-SB1-BK-PRISON

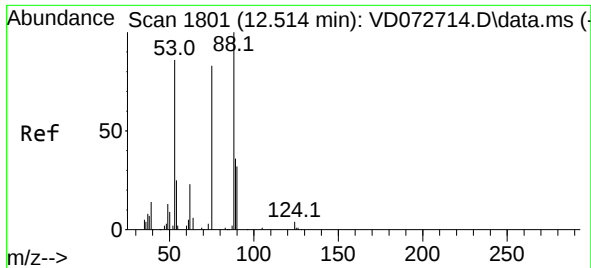
Tgt Ion:152 Resp: 88524
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.3 93.8
 150 152.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.427 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072736.D
 Acq: 29 Apr 2022 11:56

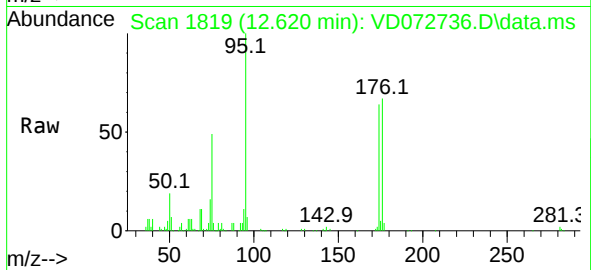
Tgt Ion: 75 Resp: 44524
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.566 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072736.D
 Acq: 29 Apr 2022 11:56

Instrument :
 MSVOA_D
 ClientSampleId :
 12-15-SB1-BK-PRISON



Tgt Ion: 75 Resp: 44524
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.2 33.9 50.9#

