

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072725.D
 Acq On : 28 Apr 2022 15:24
 Operator : VA/SY
 Sample : N2602-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12-15-SB4-BK-PRISON

Quant Time: Apr 29 01:22:47 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)

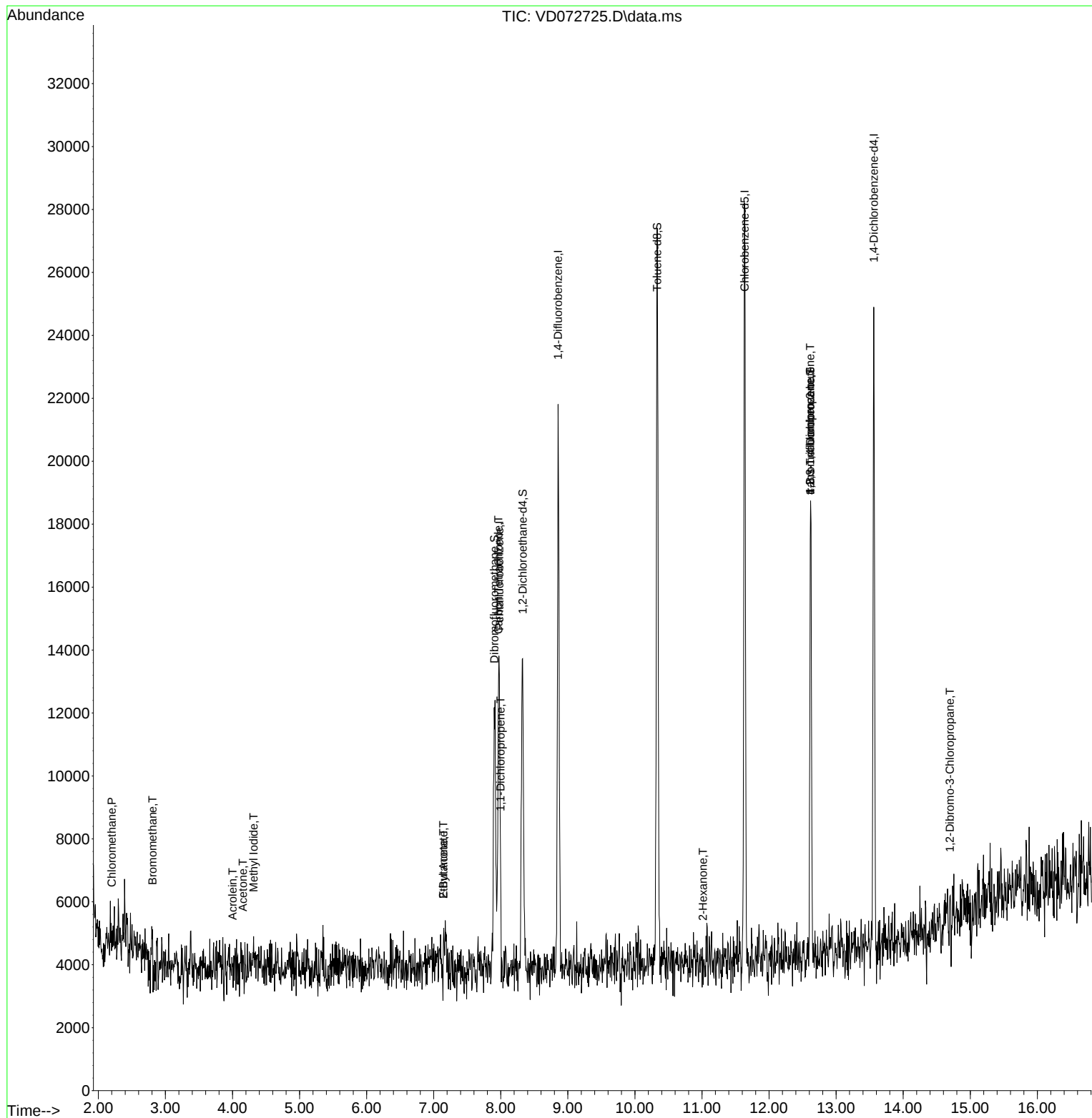
Internal Standards						
1) Pentafluorobenzene	7.979	168	7768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	14030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	13288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7609	73.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.560%	
35) Dibromofluoromethane	7.903	113	6735	72.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.160%	
50) Toluene-d8	10.332	98	16812	49.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.614	95	5532	43.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.100%	
Target Compounds						
						Qvalue
3) Chloromethane	2.203	50	352	2.944	ug/l #	40
5) Bromomethane	2.809	94	613	8.803	ug/l	86
10) Methyl Iodide	4.314	142	819	11.098	ug/l #	68
13) Acrolein	4.003	56	55	6.297	ug/l #	14
16) Acetone	4.156	43	242	11.973	ug/l #	47
20) Methylene Chloride	4.962	84	144	Below Cal	#	6
25) 2-Butanone	7.144	43	72	2.387	ug/l #	52
36) 1,1-Dichloropropene	7.997	75	172	1.099	ug/l #	43
37) Ethyl Acetate	7.144	43	72	1.010	ug/l #	72
38) Carbon Tetrachloride	7.967	117	449	2.838	ug/l #	13
59) 2-Hexanone	11.014	43	54	1.157	ug/l #	27
76) 1,2,3-Trichloropropane	12.614	75	2606	42.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	2606	99.336	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.696	75	54	3.975	ug/l #	6

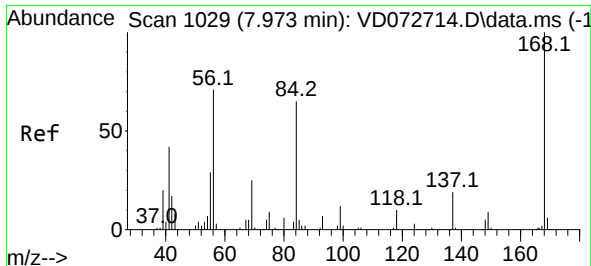
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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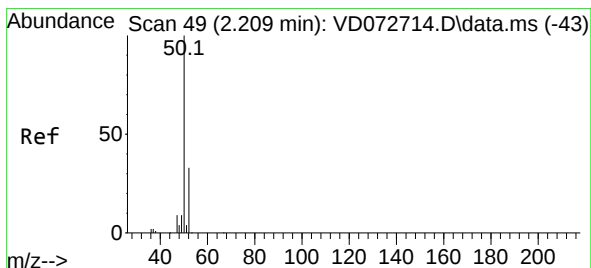
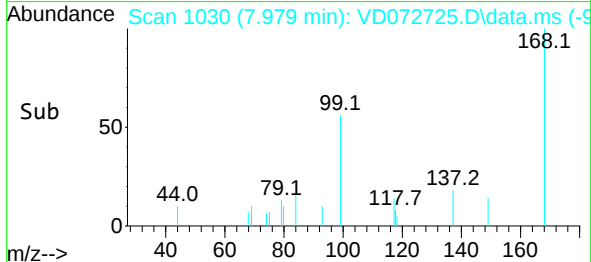
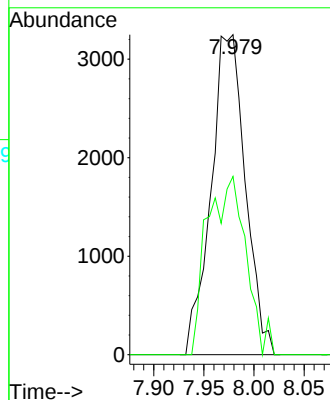
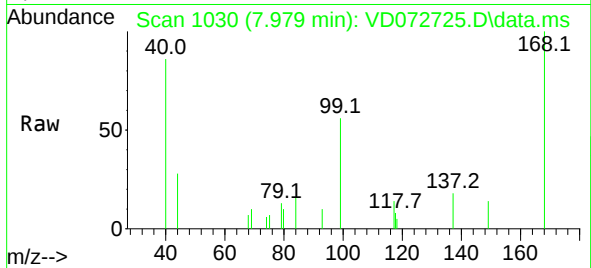




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

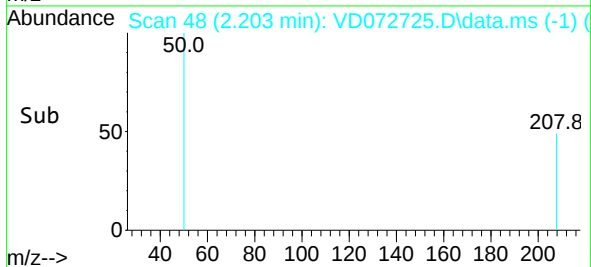
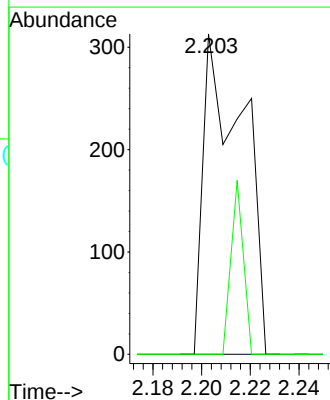
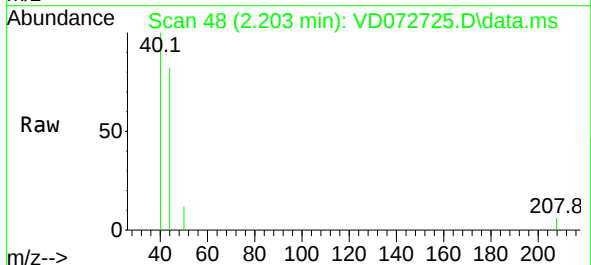
Instrument :
MSVOA_D
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12-15-SB4-BK-PRISON

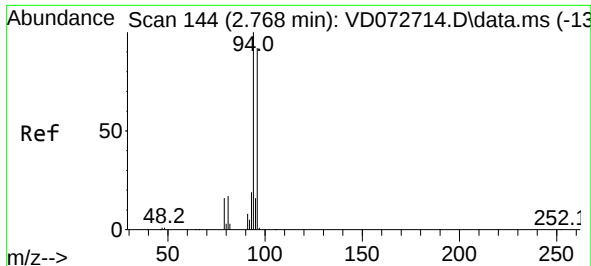
Tgt Ion:168 Resp: 7768
Ion Ratio Lower Upper
168 100
99 55.7 49.8 74.6



#3
Chloromethane
Concen: 2.944 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

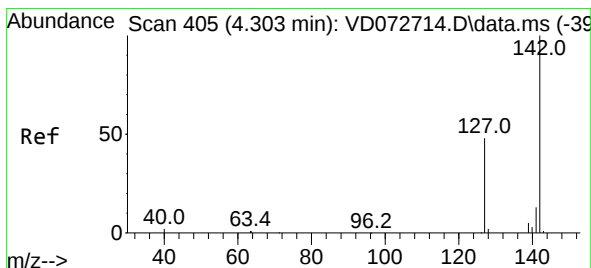
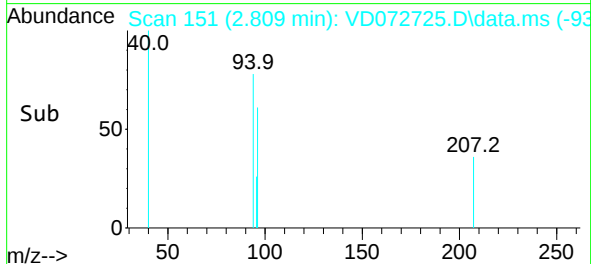
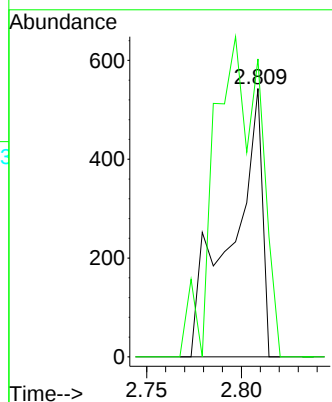
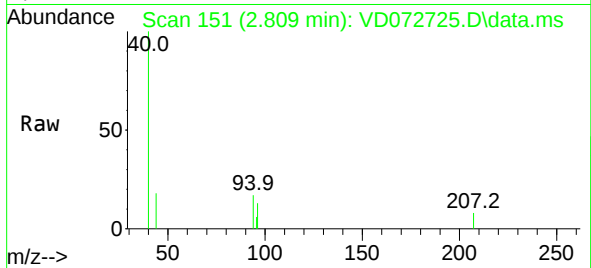




#5
Bromomethane
Concen: 8.803 ug/l
RT: 2.809 min Scan# 11
Delta R.T. 0.041 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

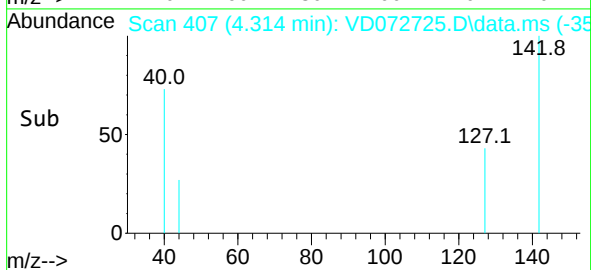
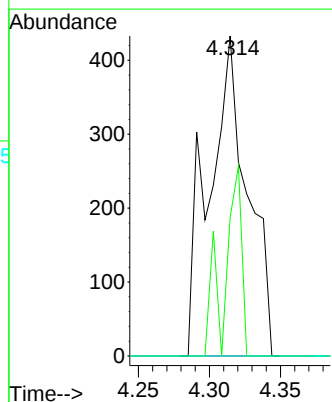
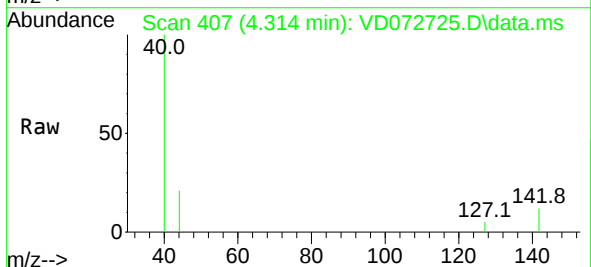
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

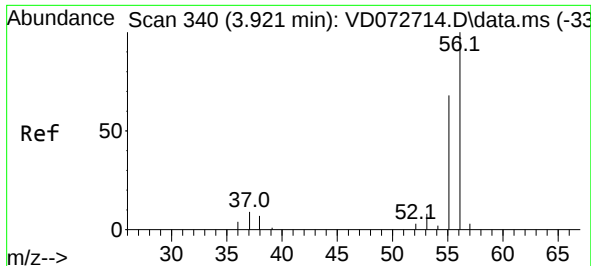
Tgt Ion: 94 Resp: 613
Ion Ratio Lower Upper
94 100
96 111.0 77.6 116.4



#10
Methyl Iodide
Concen: 11.098 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

Tgt Ion: 142 Resp: 819
Ion Ratio Lower Upper
142 100
127 26.4 37.3 55.9#
141 0.0 11.7 17.5#

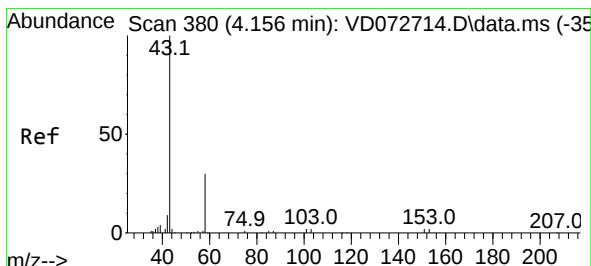
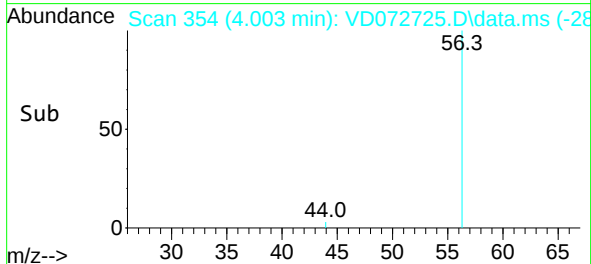
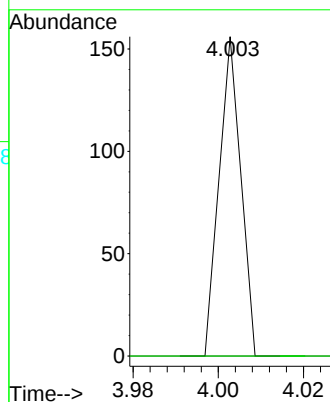
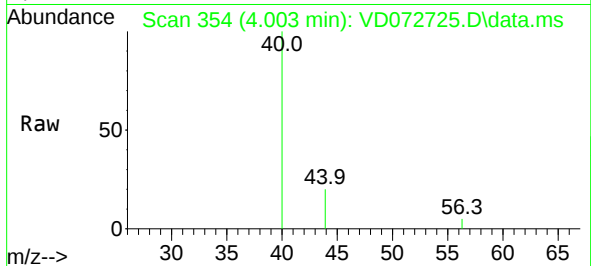




#13
Acrolein
Concen: 6.297 ug/l
RT: 4.003 min Scan# 31
Delta R.T. 0.082 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

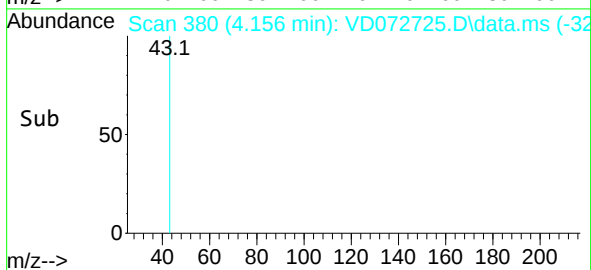
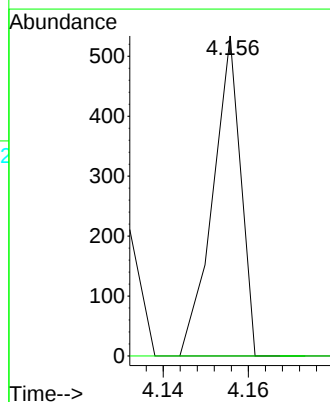
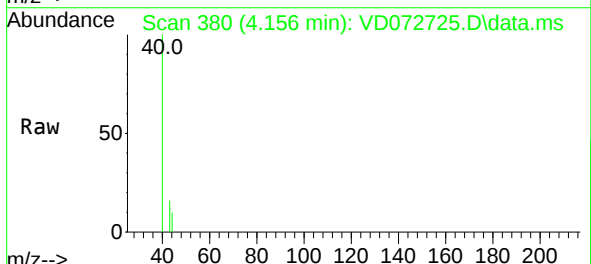
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

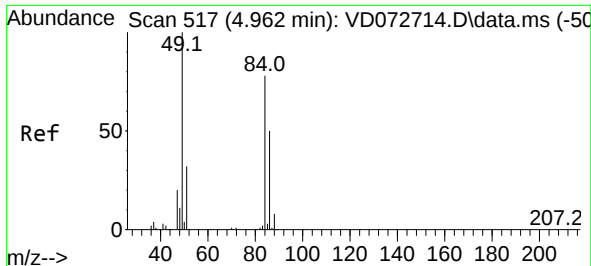
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 11.973 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

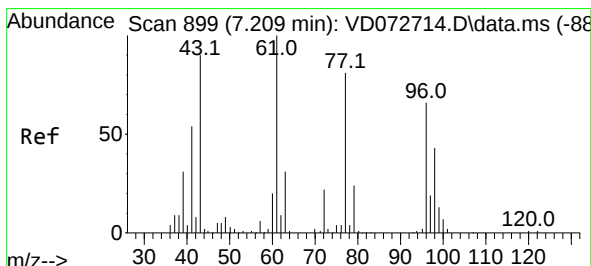
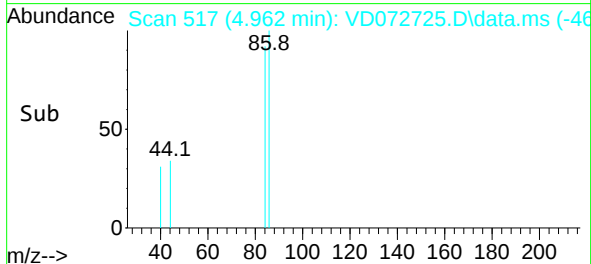
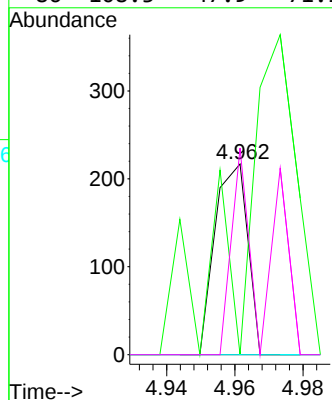
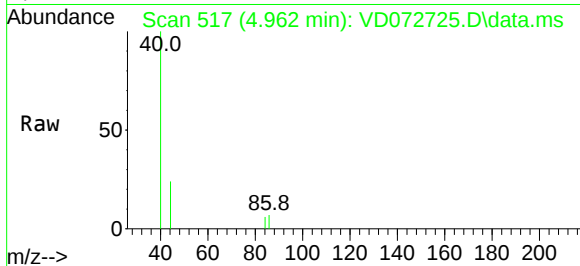




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

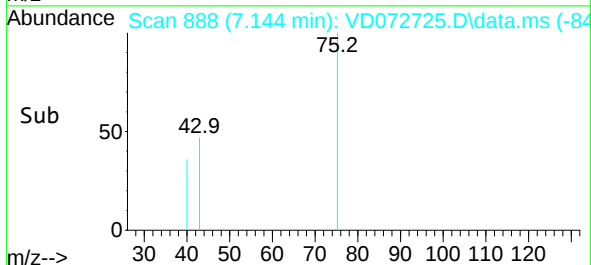
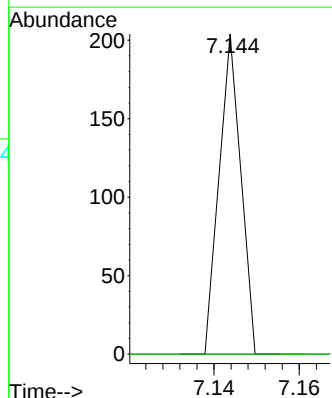
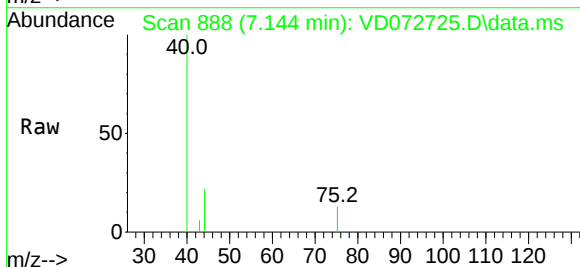
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

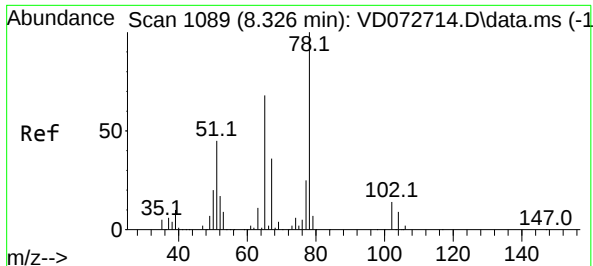
Tgt Ion: 84 Resp: 144
Ion Ratio Lower Upper
84 100
49 0.0 112.8 169.2#
51 0.0 32.6 48.8#
86 108.3 47.9 71.9#



#25
2-Butanone
Concen: 2.387 ug/l
RT: 7.144 min Scan# 888
Delta R.T. -0.065 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

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





#33

1,2-Dichloroethane-d4

Concen: 73.778 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072725.D

Acq: 28 Apr 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

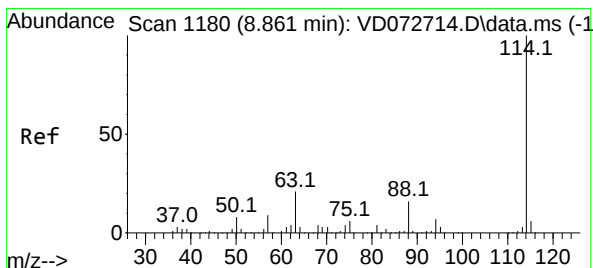
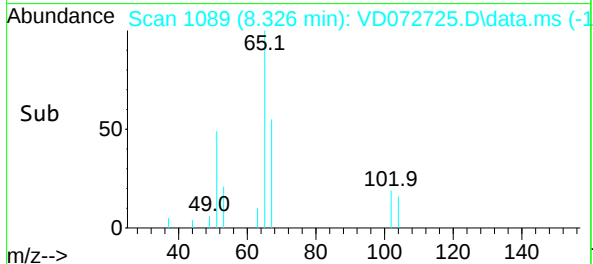
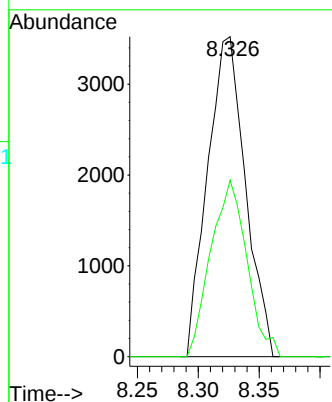
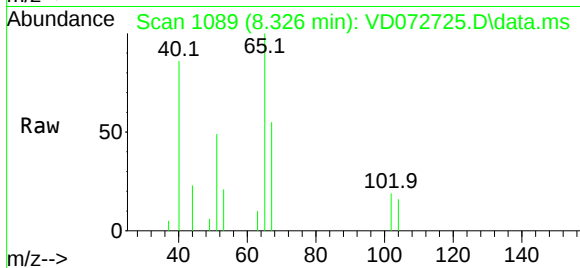
12-15-SB4-BK-PRISON

Tgt Ion: 65 Resp: 7609

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072725.D

Acq: 28 Apr 2022 15:24

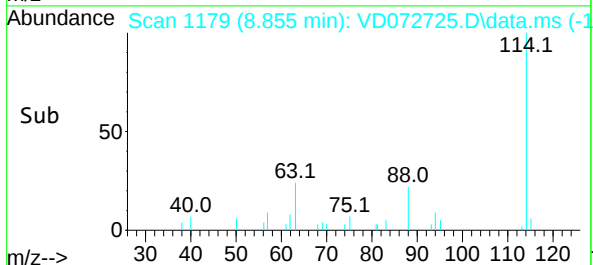
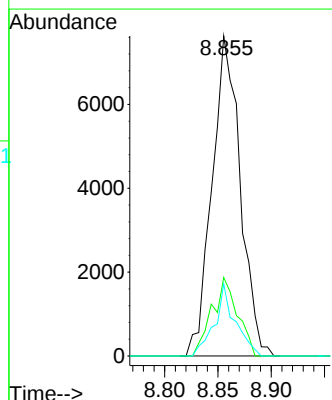
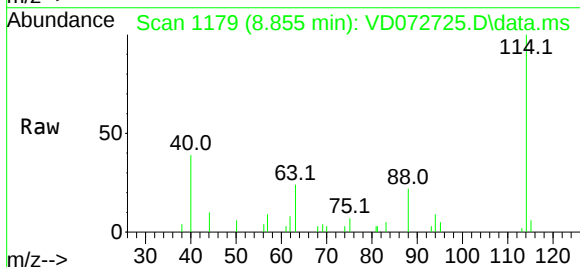
Tgt Ion: 114 Resp: 14030

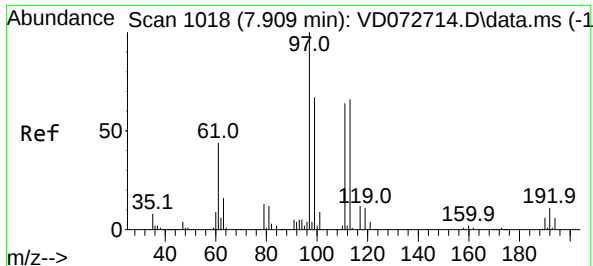
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.6

88 22.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 72.084 ug/l

RT: 7.903 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VD072725.D

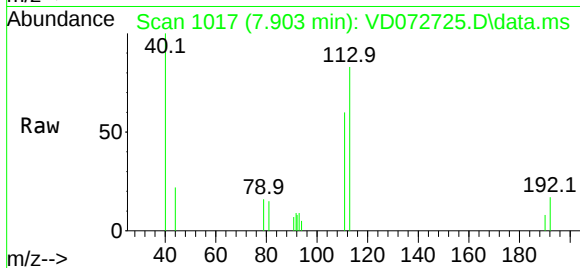
Acq: 28 Apr 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

12-15-SB4-BK-PRISON



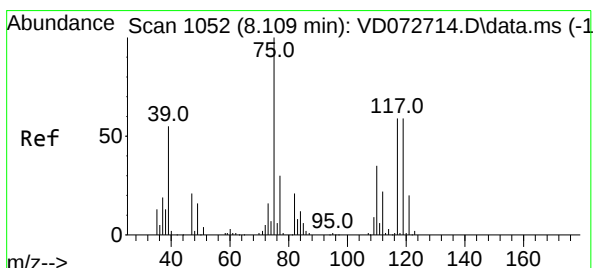
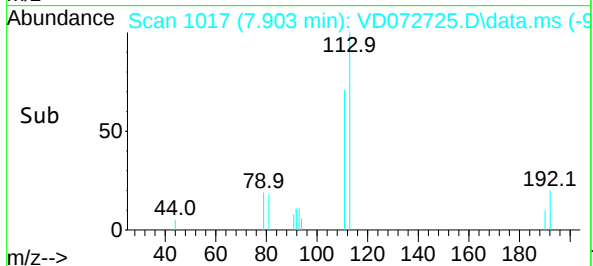
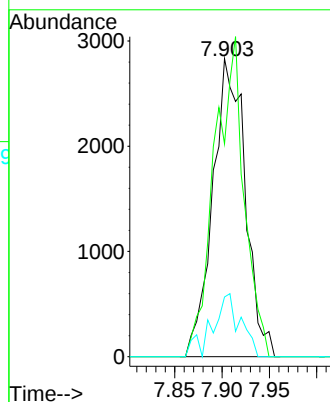
Tgt Ion:113 Resp: 6735

Ion Ratio Lower Upper

113 100

111 98.2 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 1.099 ug/l

RT: 7.997 min Scan# 1033

Delta R.T. -0.112 min

Lab File: VD072725.D

Acq: 28 Apr 2022 15:24

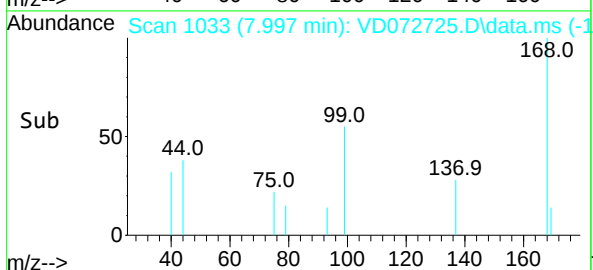
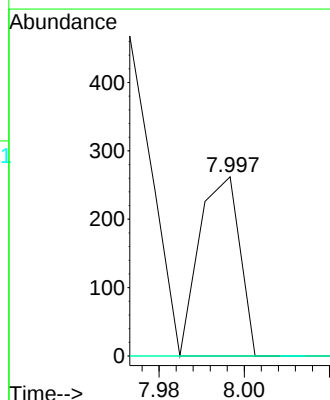
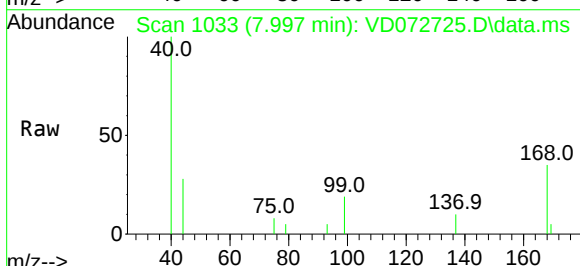
Tgt Ion: 75 Resp: 172

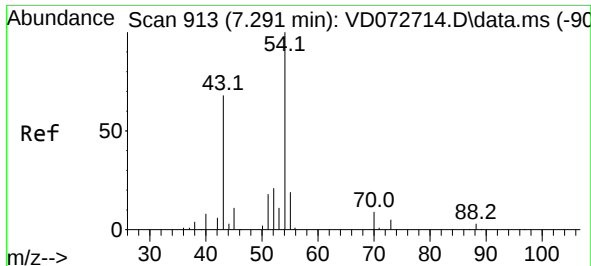
Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#





#37

Ethyl Acetate

Concen: 1.010 ug/l

RT: 7.144 min Scan# 81

Delta R.T. -0.147 min

Lab File: VD072725.D

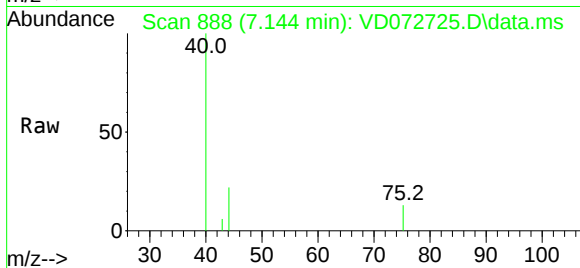
Acq: 28 Apr 2022 15:24

Instrument :

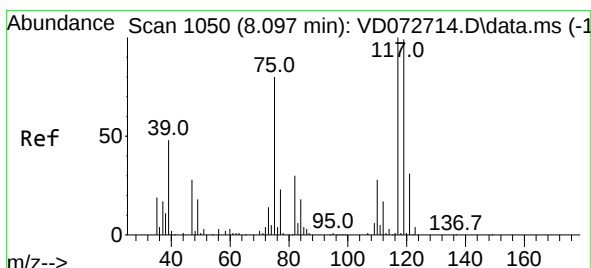
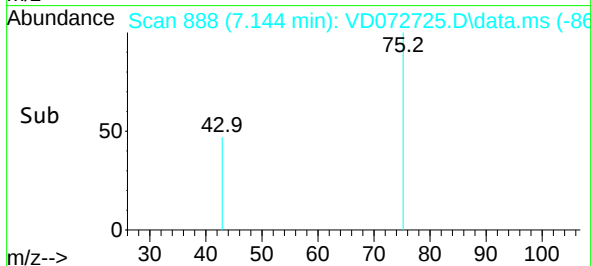
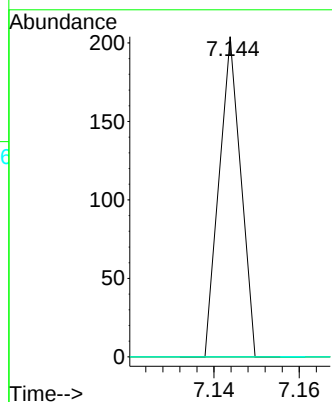
MSVOA_D

ClientSampleId :

12-15-SB4-BK-PRISON



Tgt Ion:	43	Resp:	72
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	6.9	10.3#



#38

Carbon Tetrachloride

Concen: 2.838 ug/l

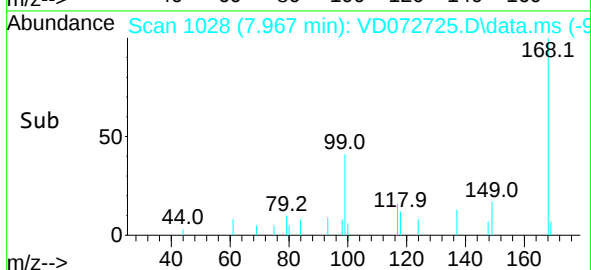
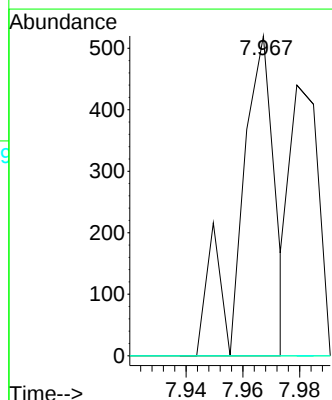
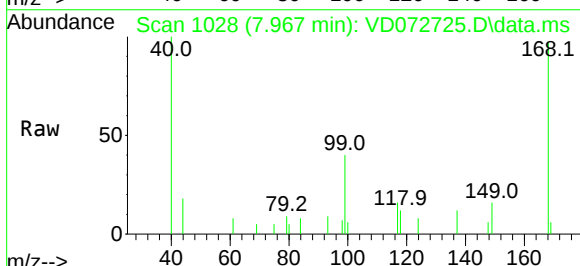
RT: 7.967 min Scan# 1028

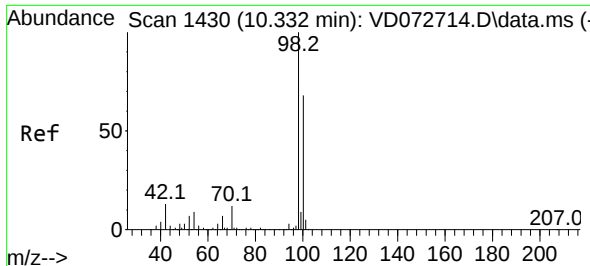
Delta R.T. -0.130 min

Lab File: VD072725.D

Acq: 28 Apr 2022 15:24

Tgt Ion:	117	Resp:	449
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.5	36.7#

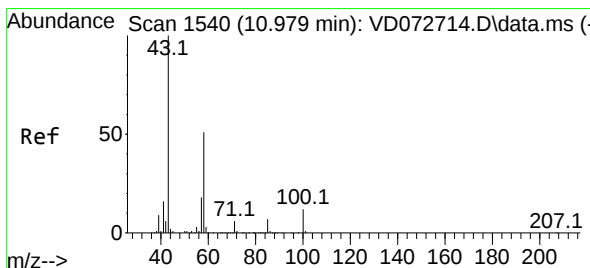
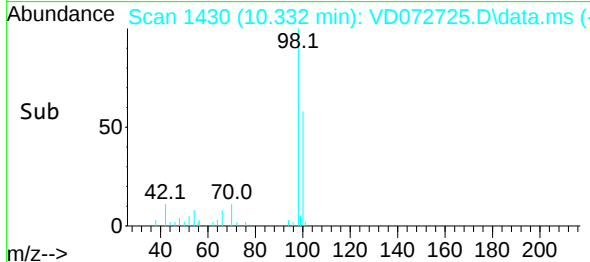
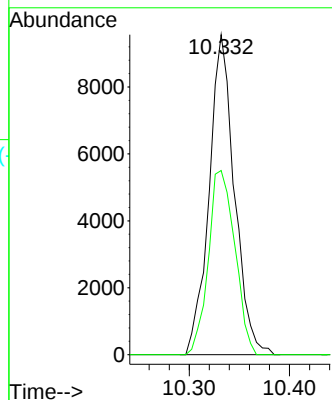
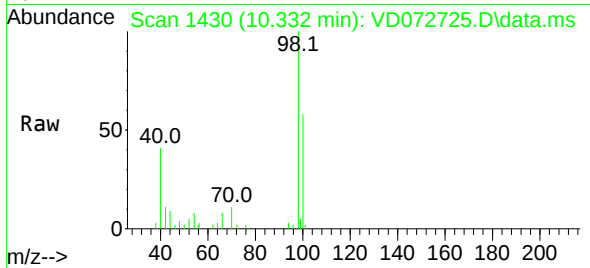




#50
Toluene-d8
Concen: 49.911 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

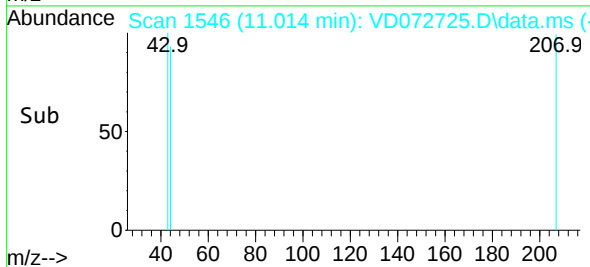
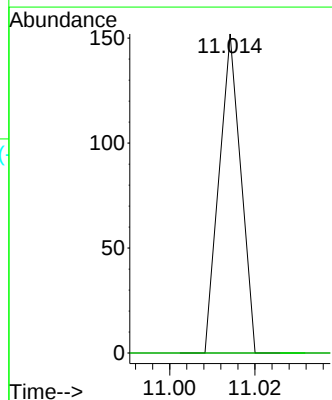
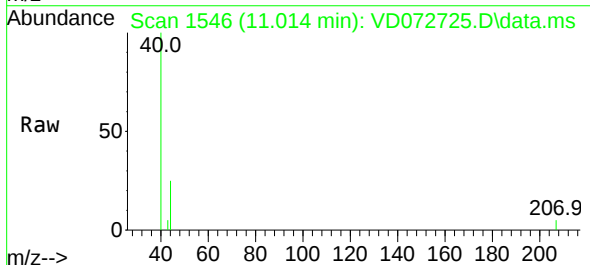
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

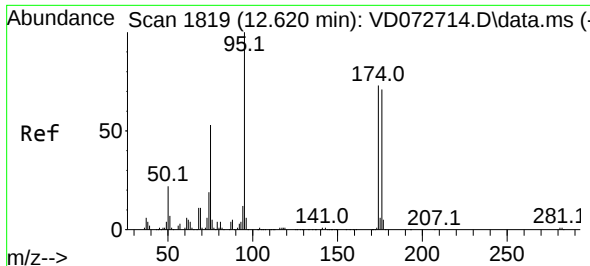
Tgt Ion: 98 Resp: 16812
Ion Ratio Lower Upper
98 100
100 60.1 52.4 78.6



#59
2-Hexanone
Concen: 1.157 ug/l
RT: 11.014 min Scan# 1546
Delta R.T. 0.035 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

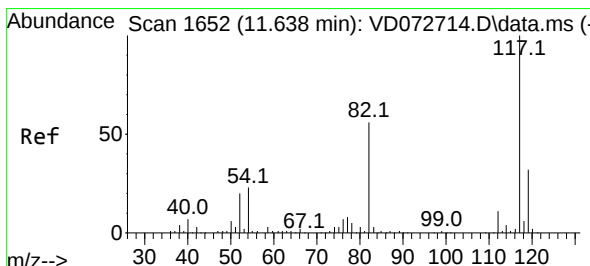
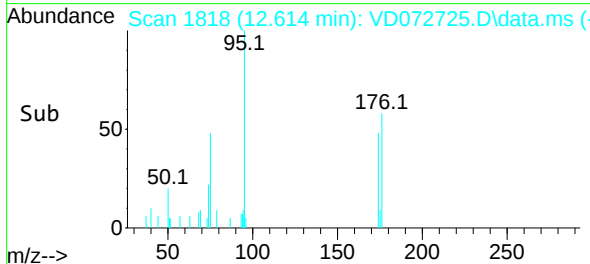
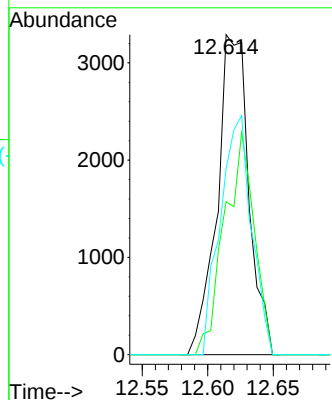
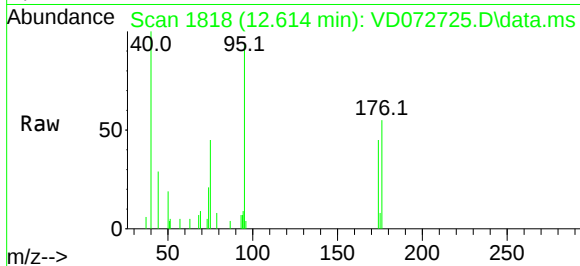




#62
4-Bromofluorobenzene
Concen: 43.546 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

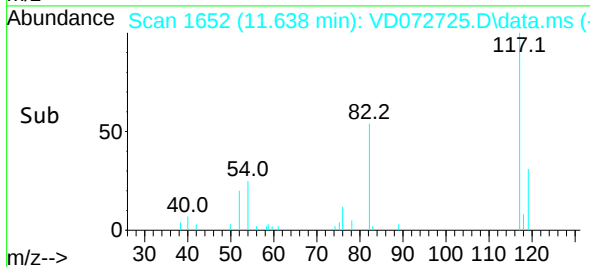
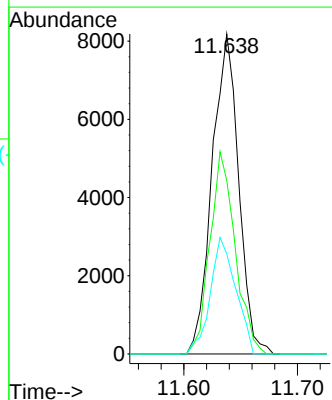
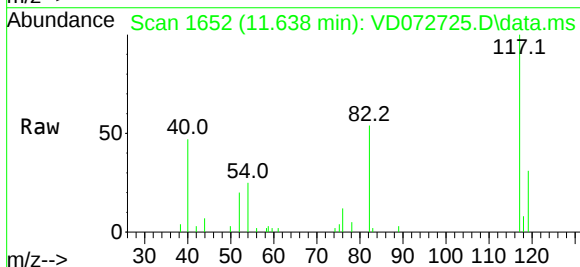
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

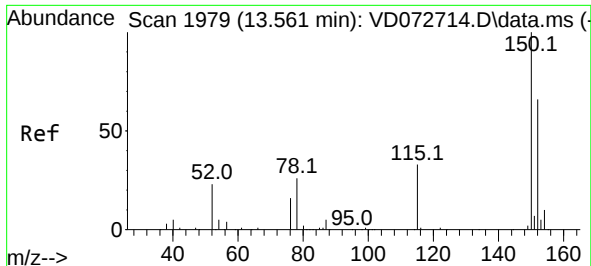
Tgt Ion:	95	Resp:	5532
Ion	Ratio	Lower	Upper
95	100		
174	65.2	0.0	152.8
176	73.6	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

Tgt Ion:	117	Resp:	13288
Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.3	67.9
119	31.3	26.6	40.0

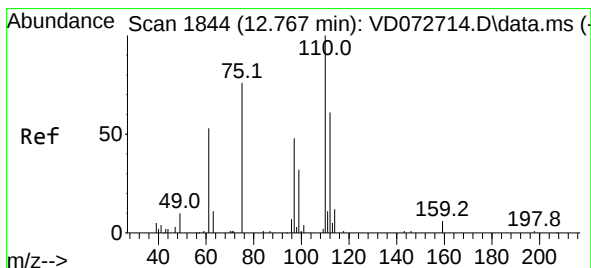
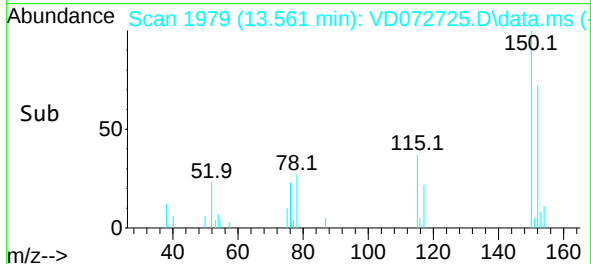
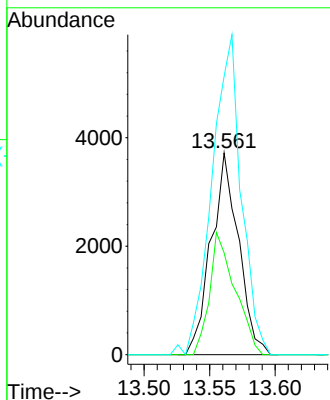
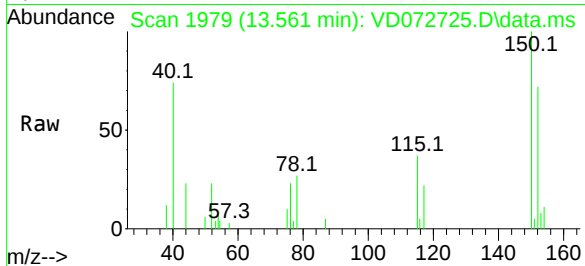




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072725.D
 Acq: 28 Apr 2022 15:24

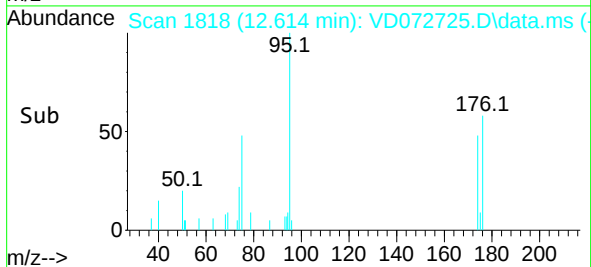
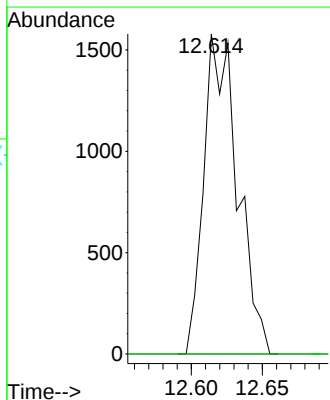
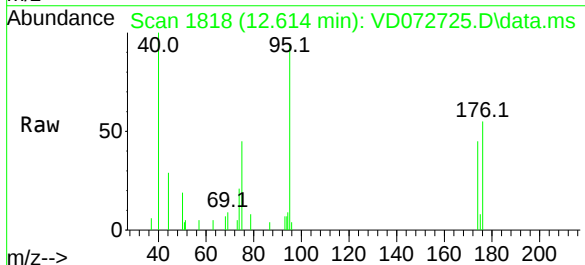
Instrument :
 MSVOA_D
 ClientSampleId :
 12-15-SB4-BK-PRISON

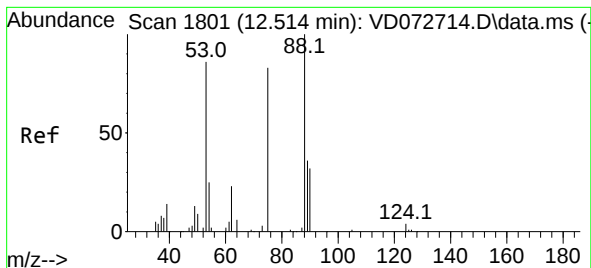
Tgt Ion:152 Resp: 5402
 Ion Ratio Lower Upper
 152 100
 115 56.3 31.3 93.8
 150 169.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 42.682 ug/l
 RT: 12.614 min Scan# 1818
 Delta R.T. -0.153 min
 Lab File: VD072725.D
 Acq: 28 Apr 2022 15:24

Tgt Ion: 75 Resp: 2606
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

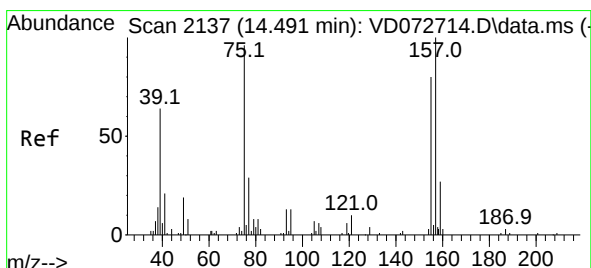
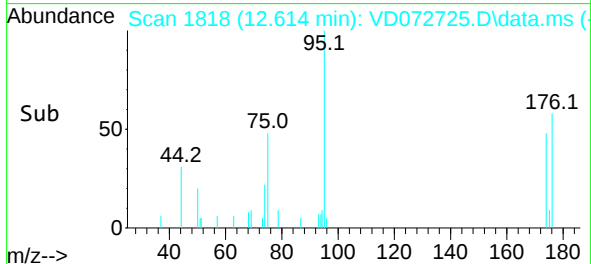
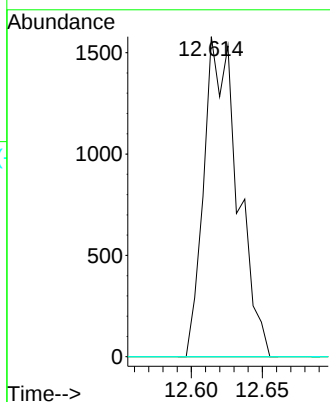
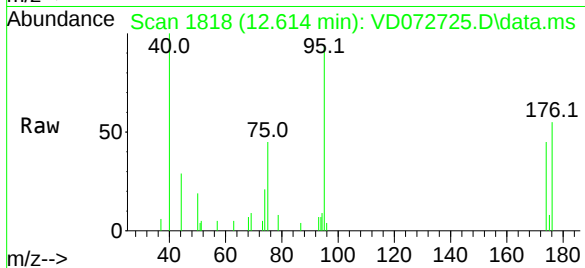




#81
trans-1,4-Dichloro-2-butene
Concen: 99.336 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :
12-15-SB4-BK-PRISON

Tgt Ion: 75 Resp: 2606
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: 3.975 ug/l
RT: 14.696 min Scan# 2172
Delta R.T. 0.205 min
Lab File: VD072725.D
Acq: 28 Apr 2022 15:24

Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#

