

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072726.D
 Acq On : 28 Apr 2022 15:52
 Operator : VA/SY
 Sample : N2602-04
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12-20-SB2-BK-PRISON

Quant Time: Apr 29 01:23:01 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)

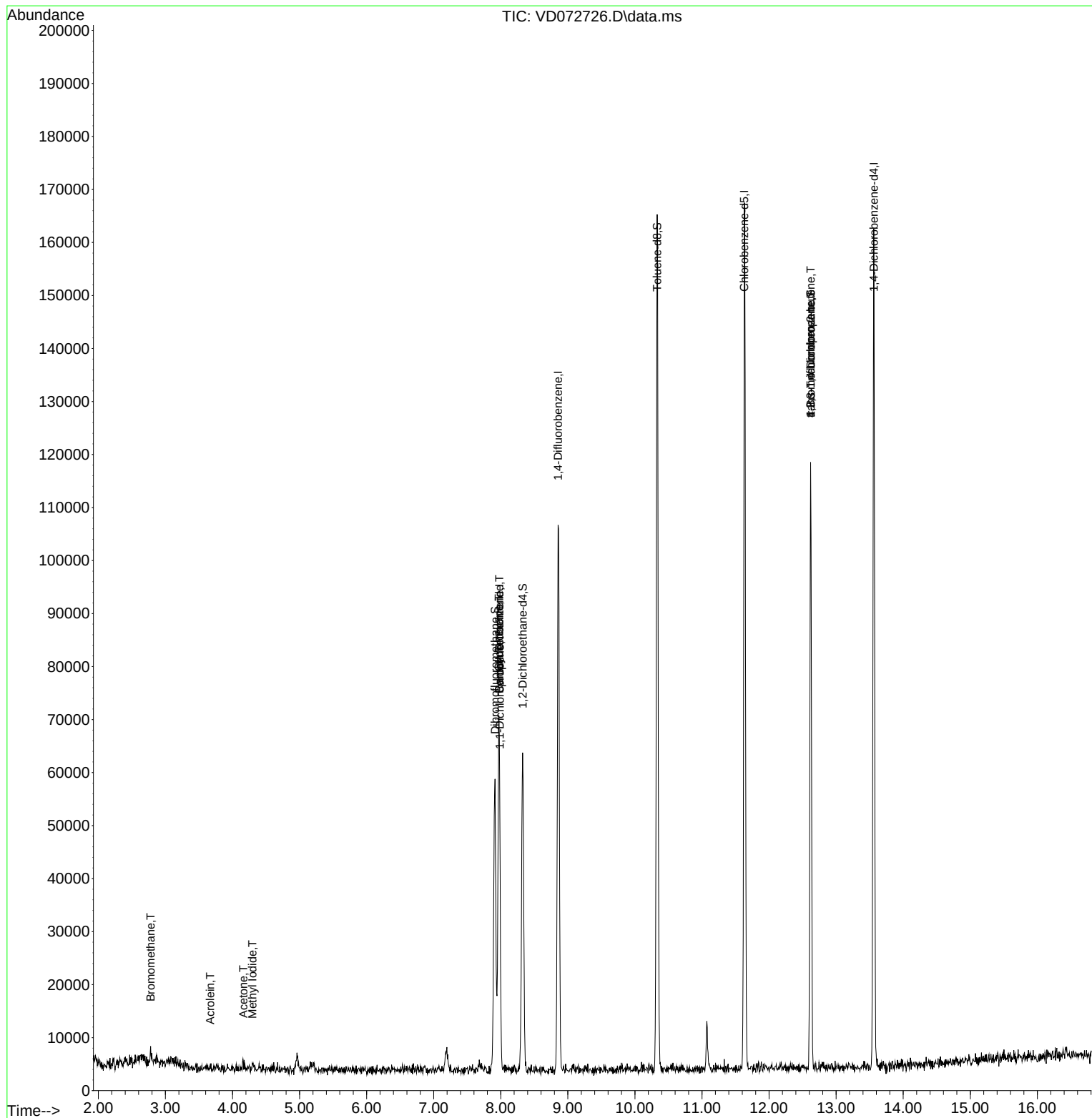
Internal Standards						
1) Pentafluorobenzene	7.979	168	45709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	87896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	92262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	46170	76.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.160%			
35) Dibromofluoromethane	7.914	113	38425	65.645	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.300%			
50) Toluene-d8	10.332	98	108128	51.240	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.620	95	37257	46.813	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.620%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1384	3.378	ug/l #	80
10) Methyl Iodide	4.297	142	1668	6.907	ug/l #	63
11) Tert butyl alcohol	5.173	59	876	Below Cal	#	74
13) Acrolein	3.667	56	63	1.226	ug/l #	14
16) Acetone	4.161	43	1975	16.606	ug/l #	78
20) Methylene Chloride	4.961	84	957	Below Cal	#	77
31) Cyclohexane	7.973	56	1127	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	4319	4.404	ug/l #	49
38) Carbon Tetrachloride	7.979	117	4964	5.008	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	19626	43.851	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	19626	102.171	ug/l #	7

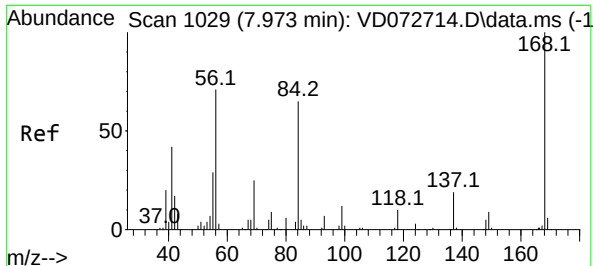
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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12-20-SB2-BK-PRISON

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Quant Title : SW846 8260
QLast Update : Wed Apr 27 16:01:06 2022
Response via : Initial Calibration

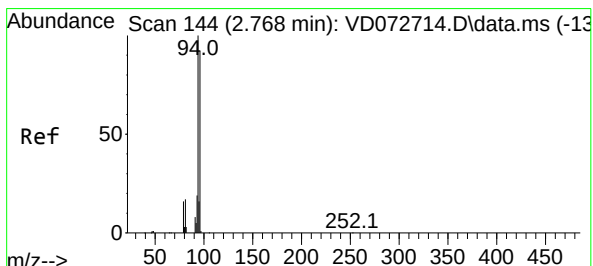
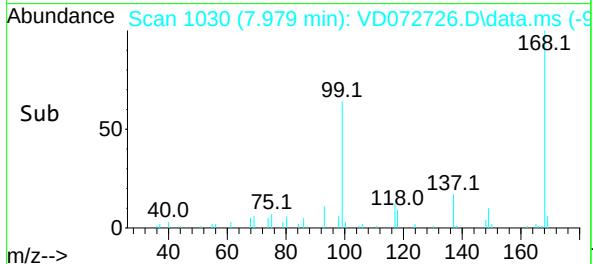
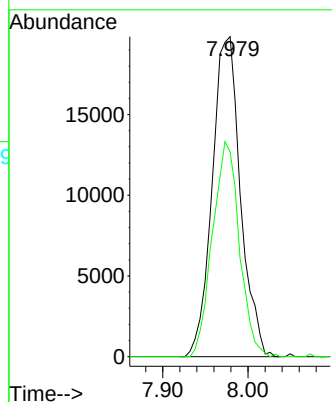
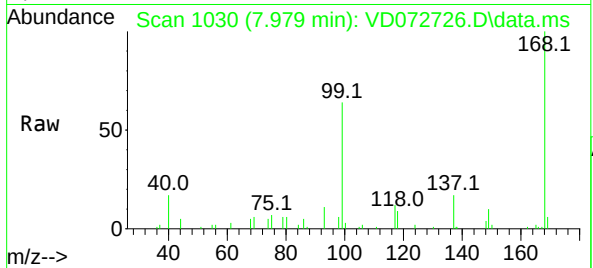




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

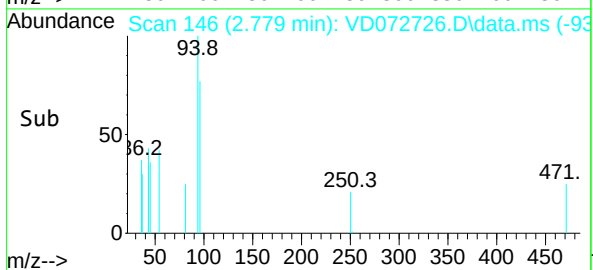
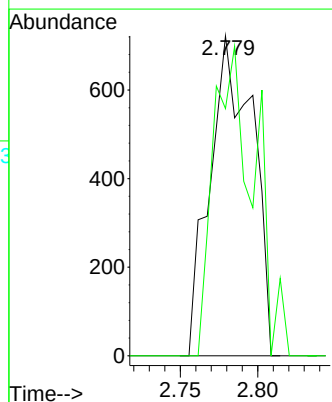
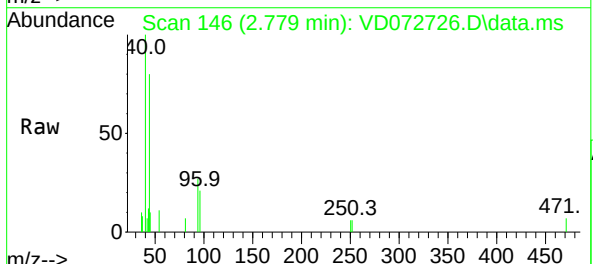
Instrument :
MSVOA_D
ClientSampleId :
12-20-SB2-BK-PRISON

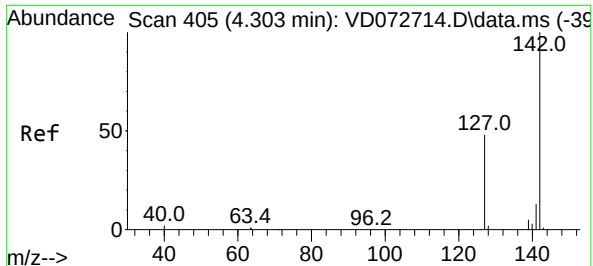
Tgt Ion:168 Resp: 45709
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#5
Bromomethane
Concen: 3.378 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

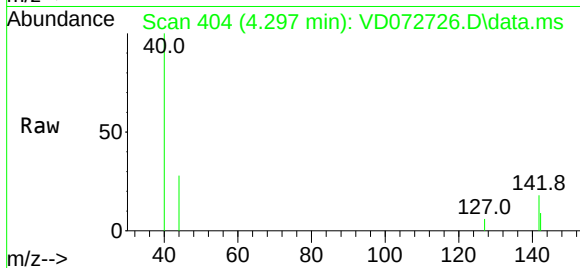
Tgt Ion: 94 Resp: 1384
Ion Ratio Lower Upper
94 100
96 77.3 77.6 116.4#



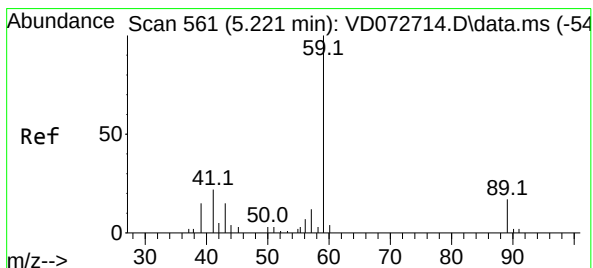
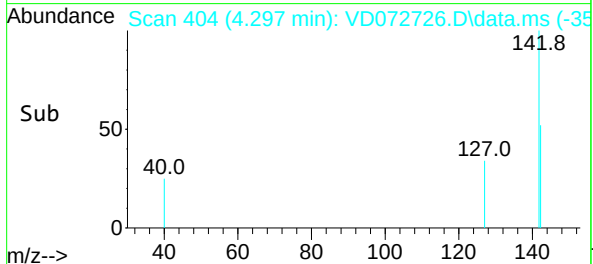
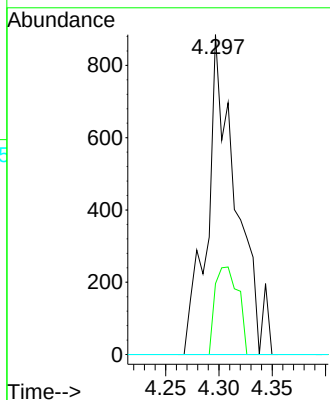


#10
Methyl Iodide
Concen: 6.907 ug/l
RT: 4.297 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Instrument :
MSVOA_D
ClientSampleId :
12-20-SB2-BK-PRISON

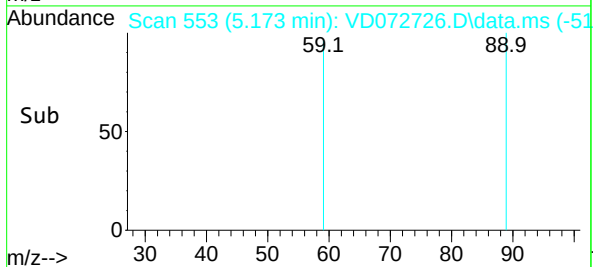
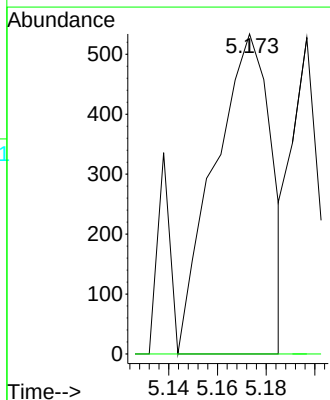
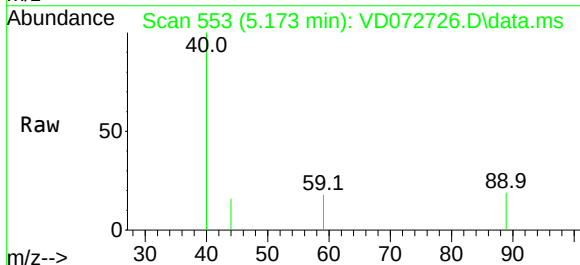


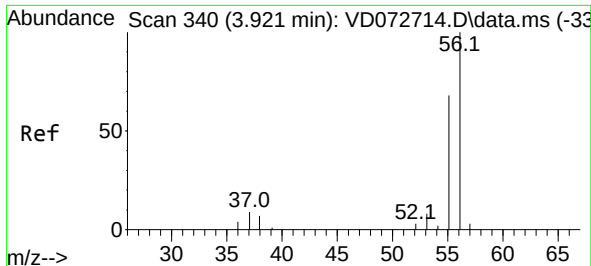
Tgt Ion:142 Resp: 1668
Ion Ratio Lower Upper
142 100
127 21.9 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.048 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Tgt Ion: 59 Resp: 876
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

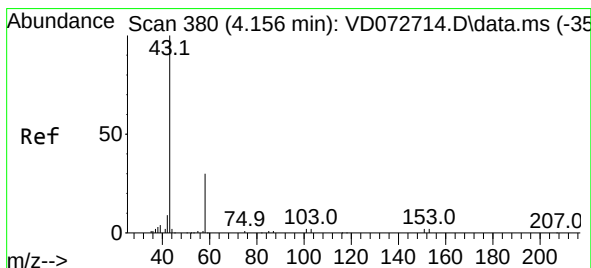
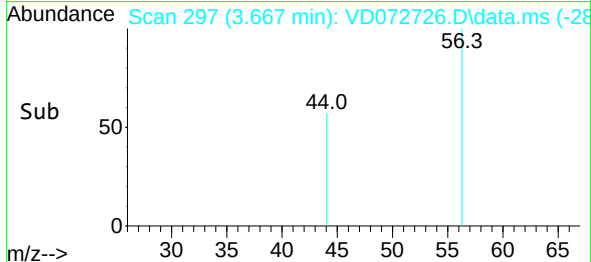
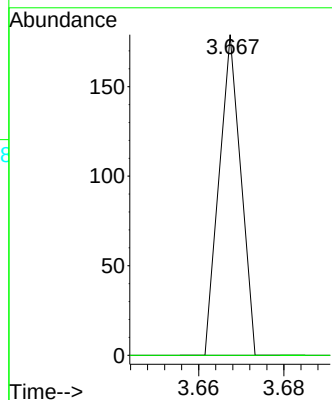
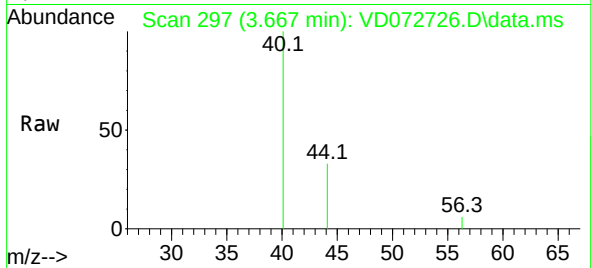




#13
Acrolein
Concen: 1.226 ug/l
RT: 3.667 min Scan# 297
Delta R.T. -0.254 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

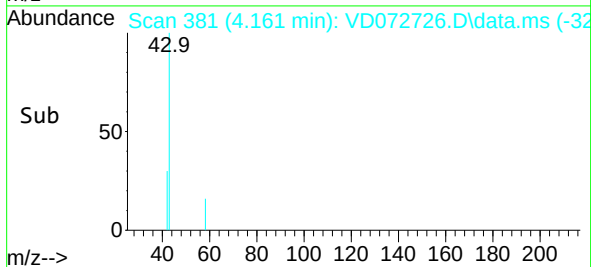
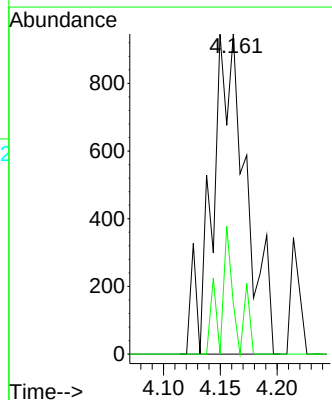
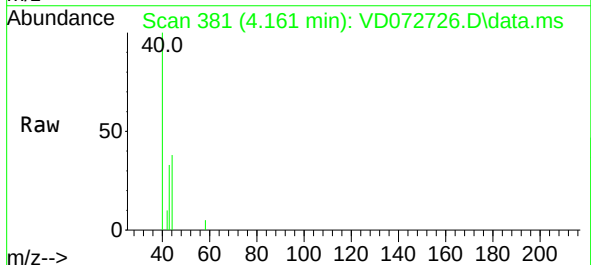
Instrument :
MSVOA_D
ClientSampleId :
12-20-SB2-BK-PRISON

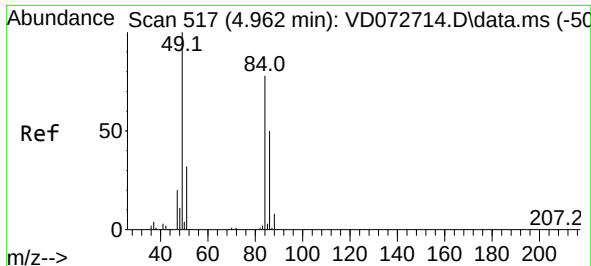
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 16.606 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

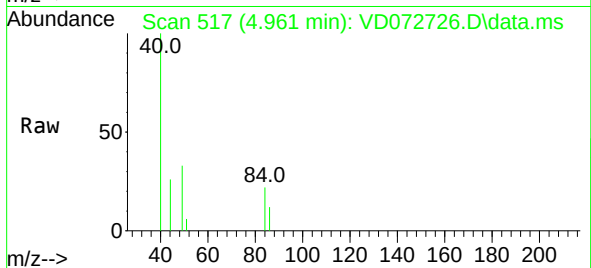
Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 15.9 22.1 33.1#





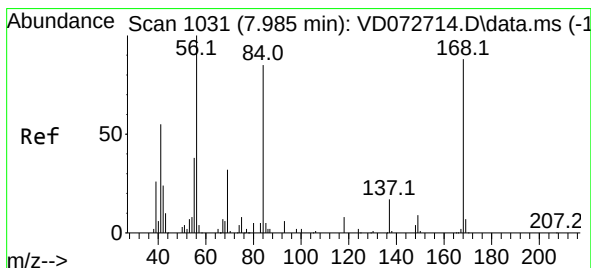
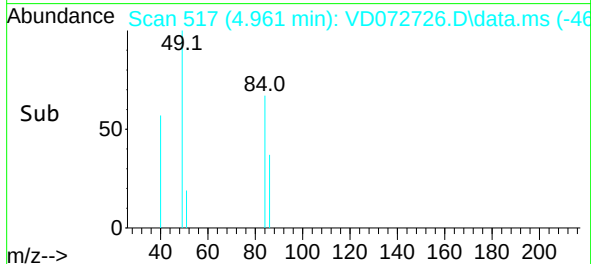
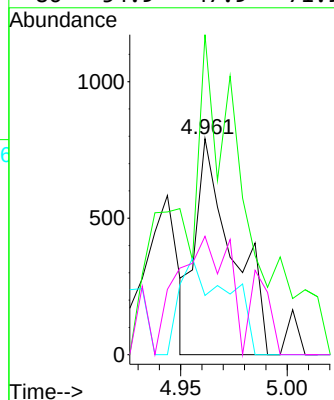
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Instrument :
MSVOA_D
ClientSampleId :
12-20-SB2-BK-PRISON



Tgt Ion: 84 Resp: 957

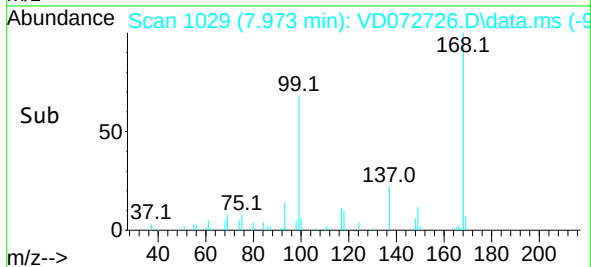
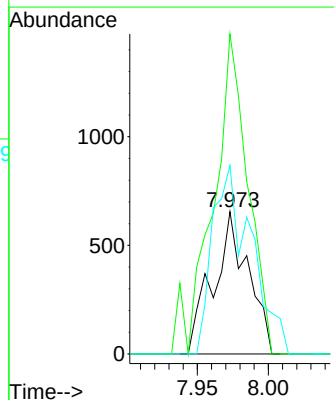
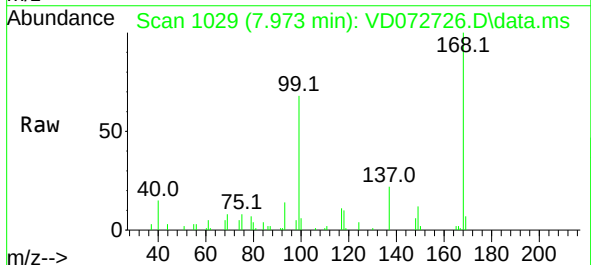
Ion	Ratio	Lower	Upper
84	100		
49	102.9	112.8	169.2#
51	27.4	32.6	48.8#
86	54.9	47.9	71.9

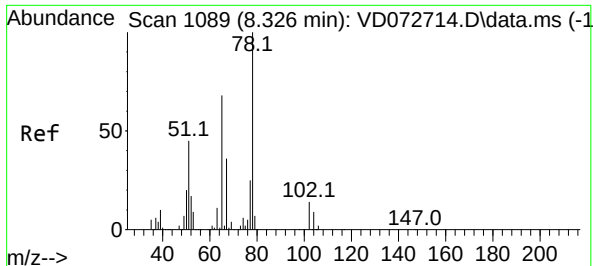


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Tgt Ion: 56 Resp: 1127

Ion	Ratio	Lower	Upper
56	100		
69	224.9	25.4	38.2#
84	132.5	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 76.079 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD072726.D

Acq: 28 Apr 2022 15:52

Instrument :

MSVOA_D

ClientSampleId :

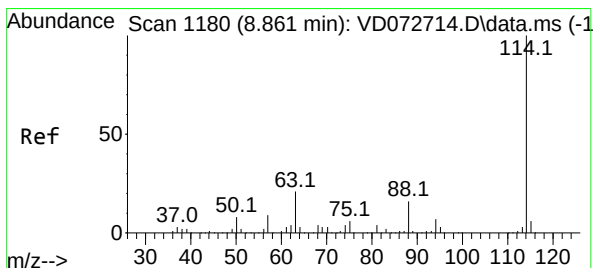
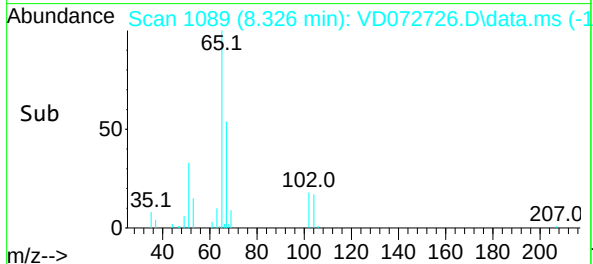
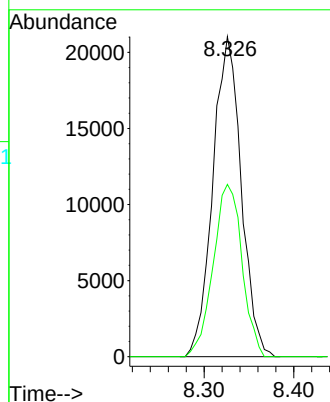
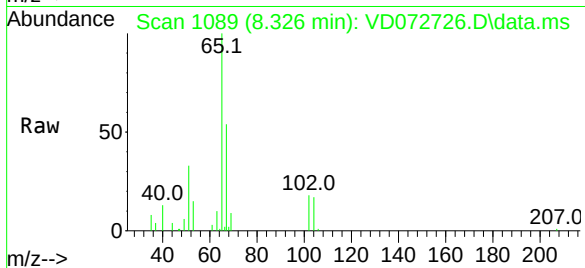
12-20-SB2-BK-PRISON

Tgt Ion: 65 Resp: 46170

Ion Ratio Lower Upper

65 100

67 54.6 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: VD072726.D

Acq: 28 Apr 2022 15:52

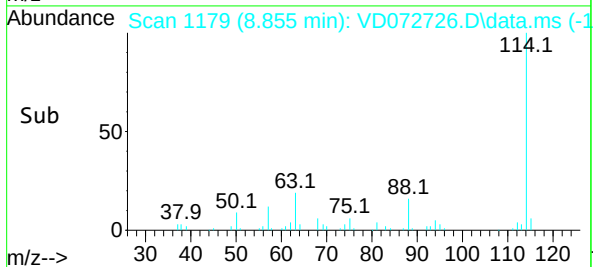
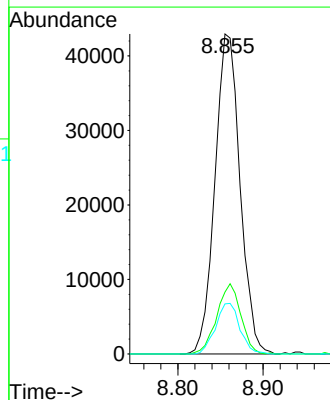
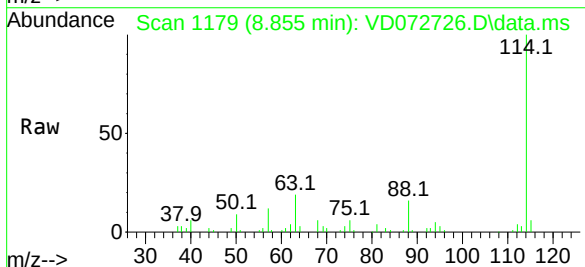
Tgt Ion: 114 Resp: 87896

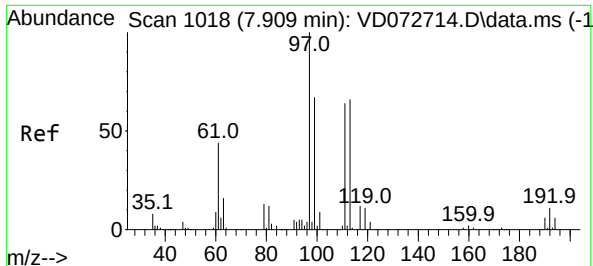
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 65.645 ug/l

RT: 7.914 min Scan# 1031

Delta R.T. 0.005 min

Lab File: VD072726.D

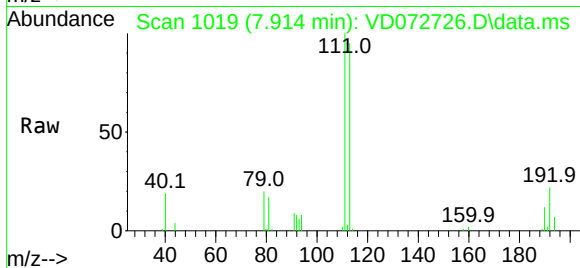
Acq: 28 Apr 2022 15:52

Instrument :

MSVOA_D

ClientSampleId :

12-20-SB2-BK-PRISON



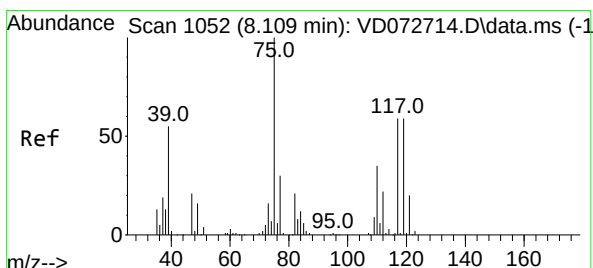
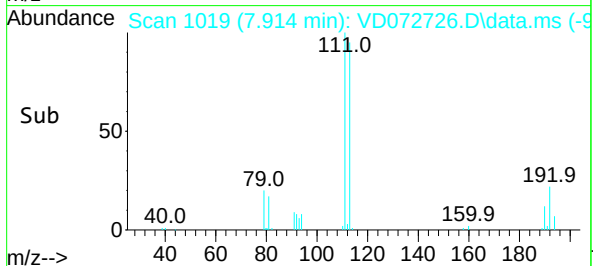
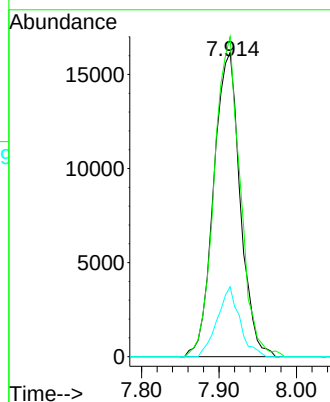
Tgt Ion:113 Resp: 38425

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 19.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.404 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.124 min

Lab File: VD072726.D

Acq: 28 Apr 2022 15:52

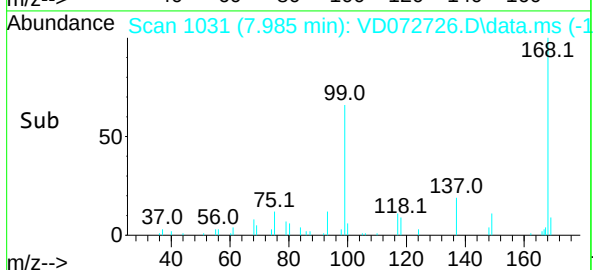
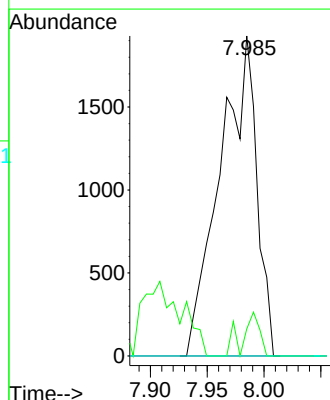
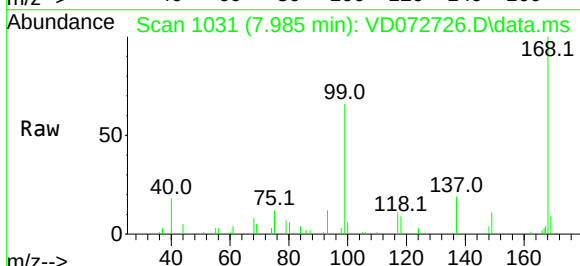
Tgt Ion: 75 Resp: 4319

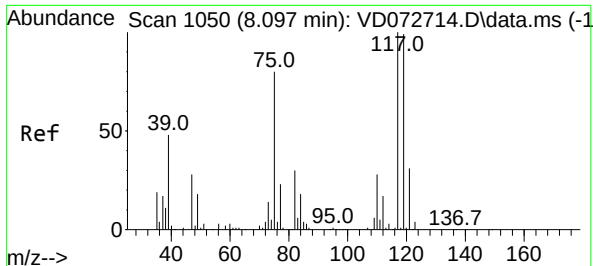
Ion Ratio Lower Upper

75 100

110 6.5 16.4 49.1#

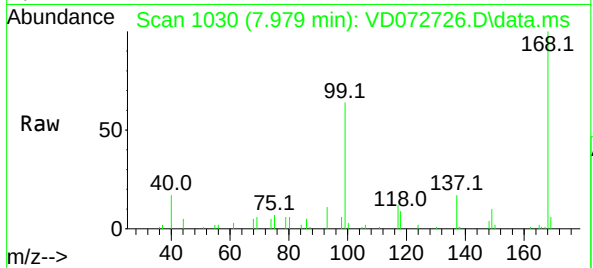
77 0.0 24.2 36.2#



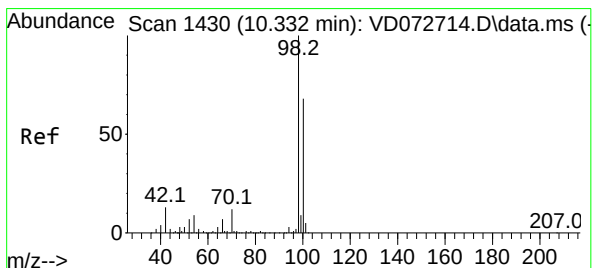
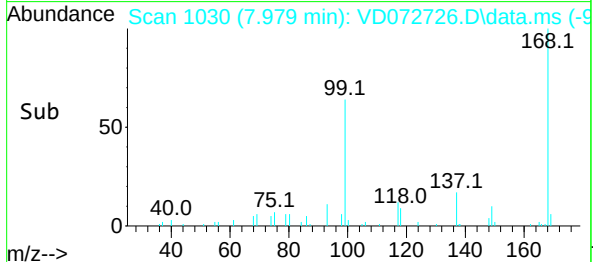
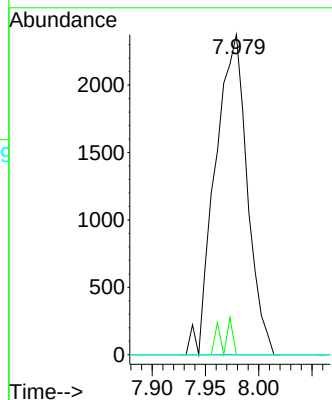


#38
Carbon Tetrachloride
Concen: 5.008 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Instrument :
MSVOA_D
ClientSampleId :
12-20-SB2-BK-PRISON

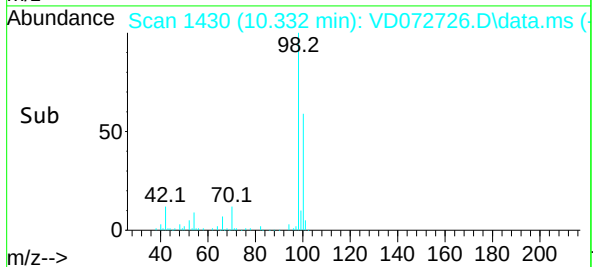
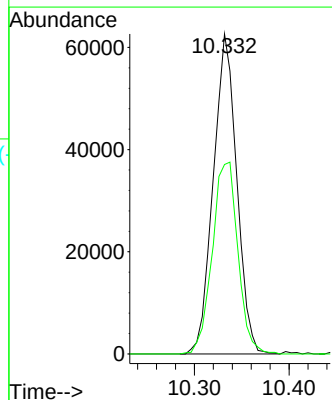
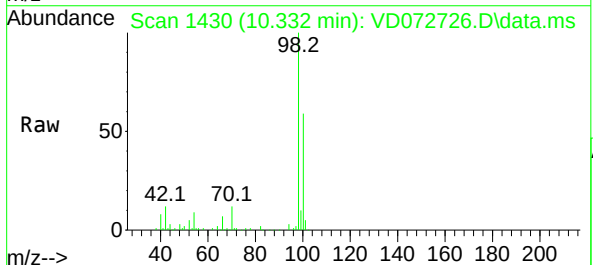


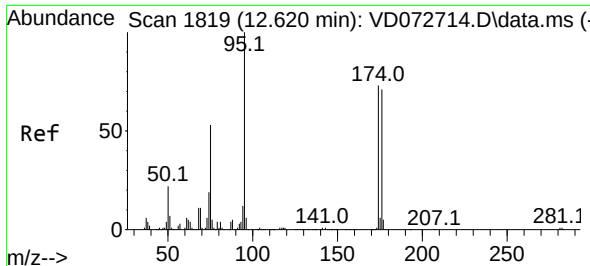
Tgt Ion:117 Resp: 4964
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.240 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Tgt Ion: 98 Resp: 108128
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

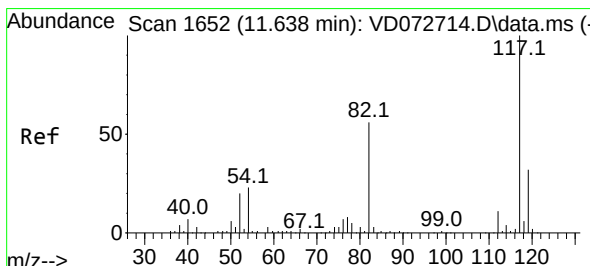
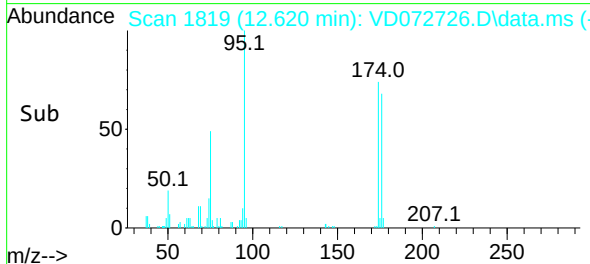
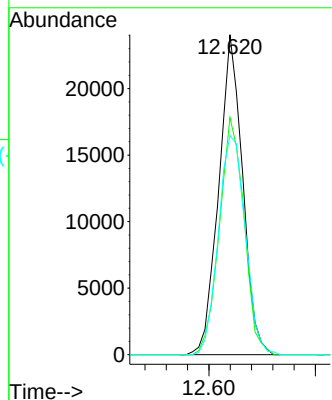
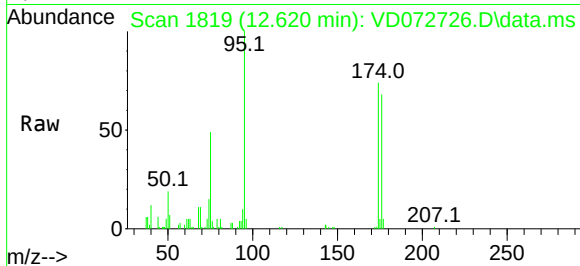




#62
4-Bromofluorobenzene
Concen: 46.813 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

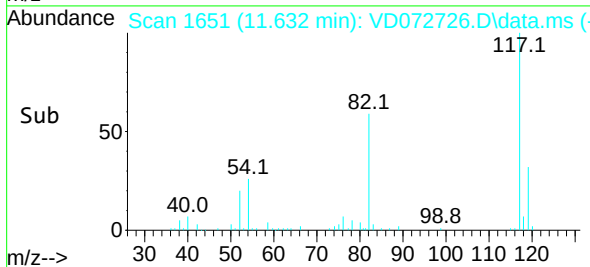
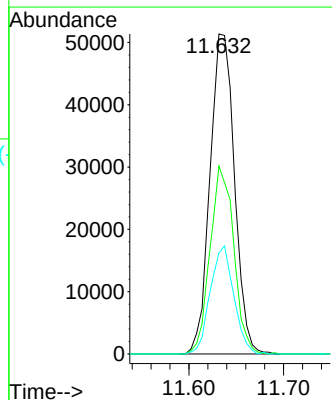
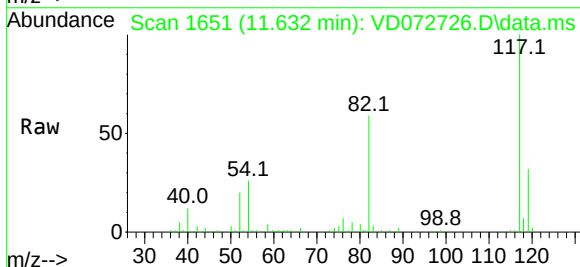
Instrument :
MSVOA_D
ClientSampleId :
12-20-SB2-BK-PRISON

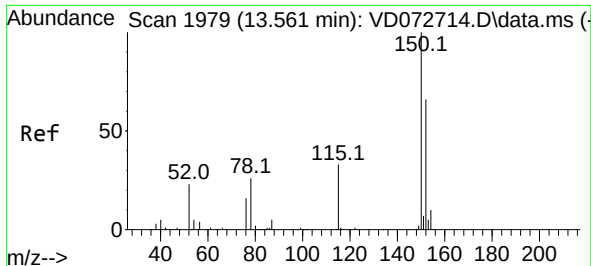
Tgt Ion:	95	Resp:	37257
Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	152.8
176	77.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072726.D
Acq: 28 Apr 2022 15:52

Tgt Ion:	117	Resp:	92262
Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.3	67.9
119	31.6	26.6	40.0

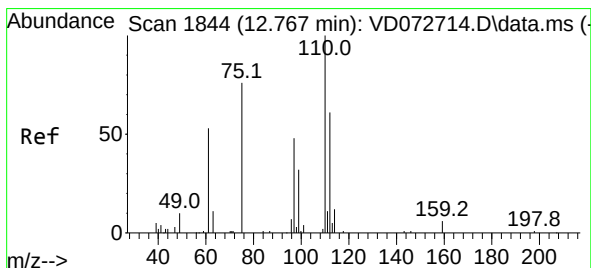
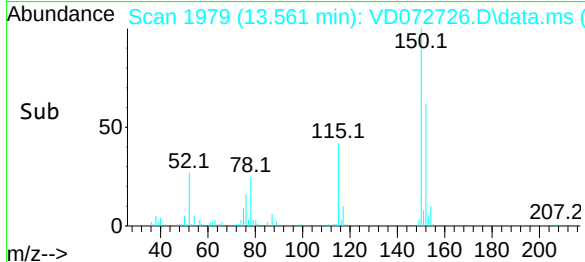
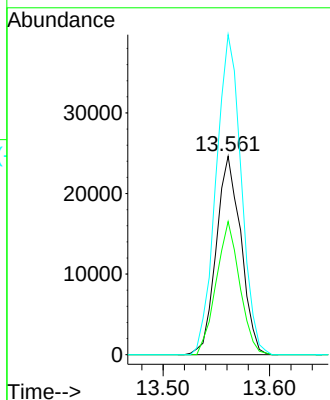
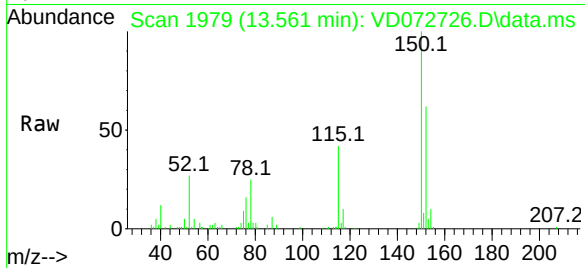




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD072726.D
 Acq: 28 Apr 2022 15:52

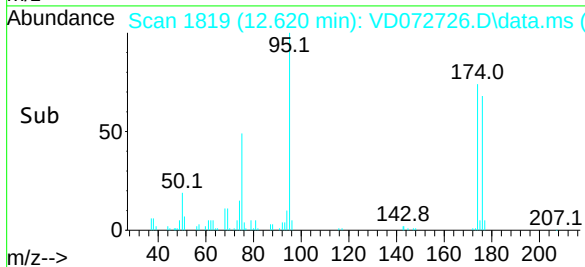
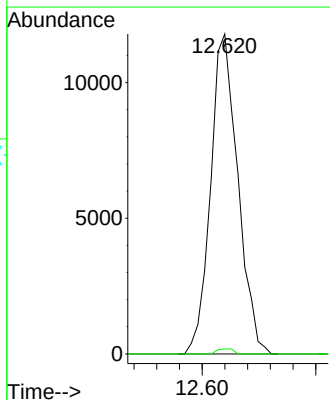
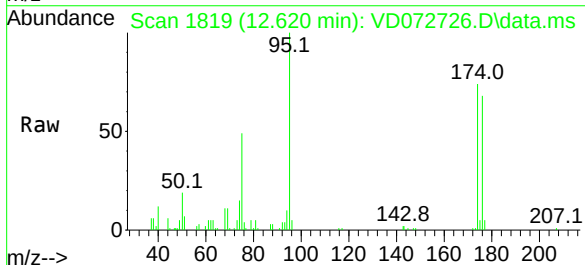
Instrument :
 MSVOA_D
 ClientSampleId :
 12-20-SB2-BK-PRISON

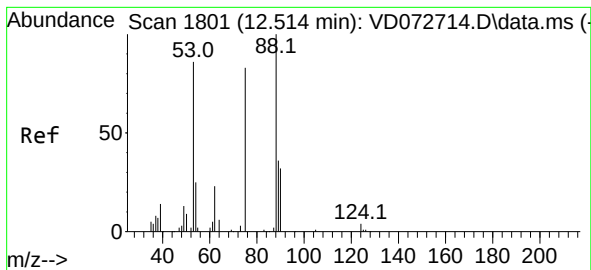
Tgt Ion:152 Resp: 39554
 Ion Ratio Lower Upper
 152 100
 115 64.0 31.3 93.8
 150 164.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 43.851 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072726.D
 Acq: 28 Apr 2022 15:52

Tgt Ion: 75 Resp: 19626
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 102.171 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.106 min

Lab File: VD072726.D

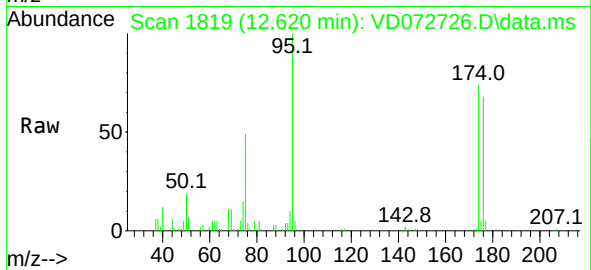
Acq: 28 Apr 2022 15:52

Instrument :

MSVOA_D

ClientSampleId :

12-20-SB2-BK-PRISON



Tgt Ion: 75 Resp: 19626

Ion Ratio Lower Upper

75 100

53 0.0 86.5 129.7#

89 0.0 33.9 50.9#

