

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072724.D
 Acq On : 28 Apr 2022 14:55
 Operator : VA/SY
 Sample : N2602-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 29 01:22:34 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)

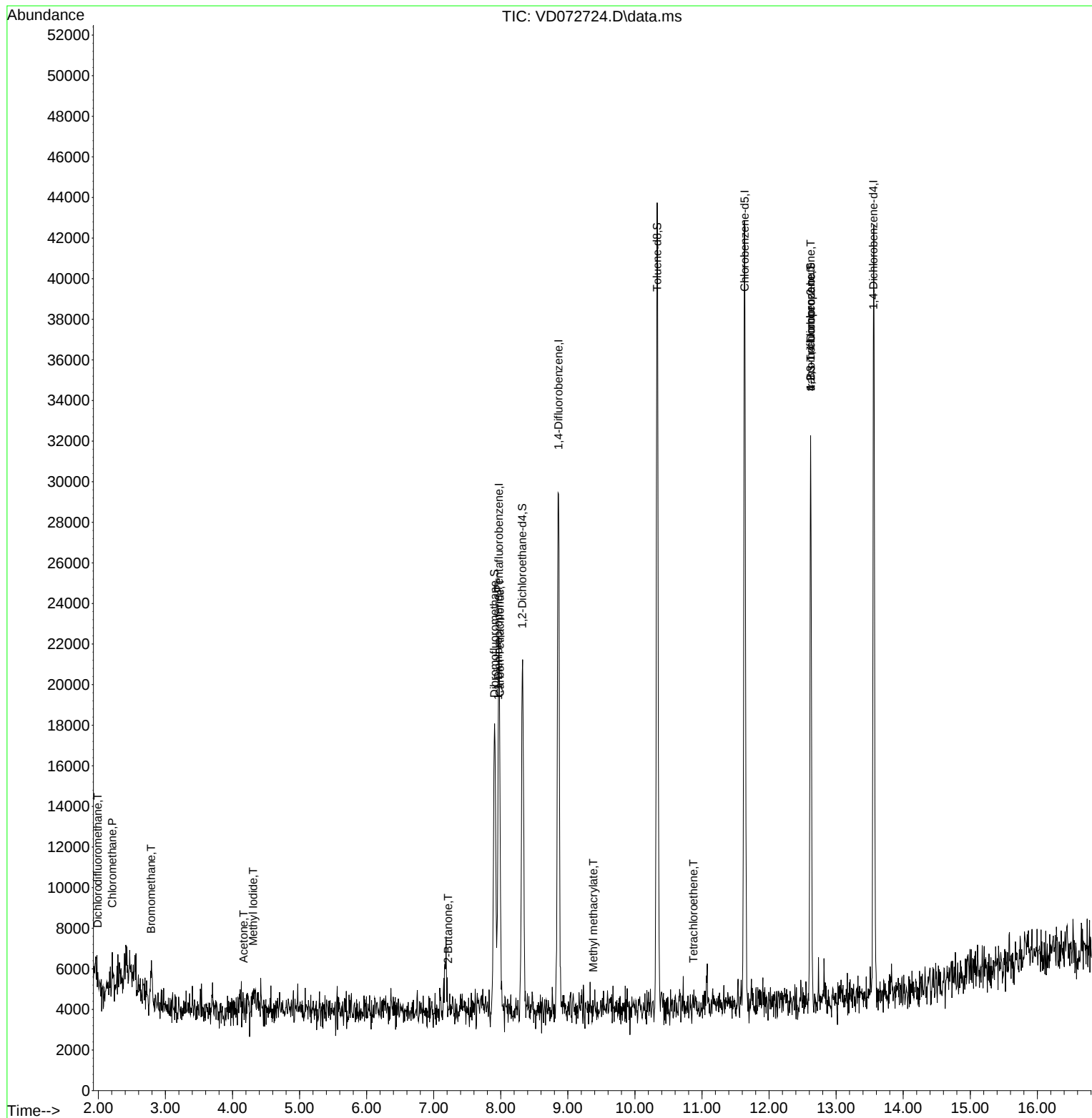
Internal Standards						
1) Pentafluorobenzene	7.973	168	12890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	22236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	23740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	9965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	13801	80.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 161.280%			
35) Dibromofluoromethane	7.902	113	10929	73.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 147.600%#			
50) Toluene-d8	10.332	98	26400	49.452	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.900%			
62) 4-Bromofluorobenzene	12.620	95	9547	47.417	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	219	1.247	ug/l #	43
3) Chloromethane	2.209	50	1124	5.666	ug/l #	66
5) Bromomethane	2.785	94	1543	13.354	ug/l #	72
10) Methyl Iodide	4.308	142	1378	11.188	ug/l #	76
16) Acetone	4.167	43	246	7.335	ug/l #	47
20) Methylene Chloride	4.973	84	443	Below Cal	#	27
25) 2-Butanone	7.214	43	60	1.199	ug/l #	52
36) 1,1-Dichloropropene	7.961	75	1024	4.127	ug/l #	43
38) Carbon Tetrachloride	7.985	117	1594	6.357	ug/l #	13
48) Methyl methacrylate	9.379	41	183	1.699	ug/l #	46
64) Tetrachloroethene	10.873	164	210	1.290	ug/l #	24
76) 1,2,3-Trichloropropane	12.620	75	4082	36.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	4082	84.349	ug/l #	7

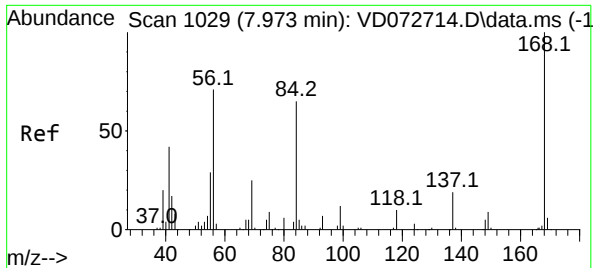
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
Data File : VD072724.D
Acq On : 28 Apr 2022 14:55
Operator : VA/SY
Sample : N2602-02
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 29 01:22:34 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

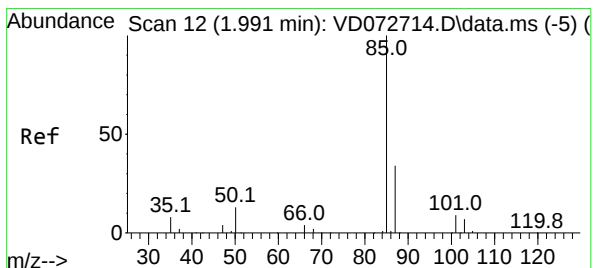
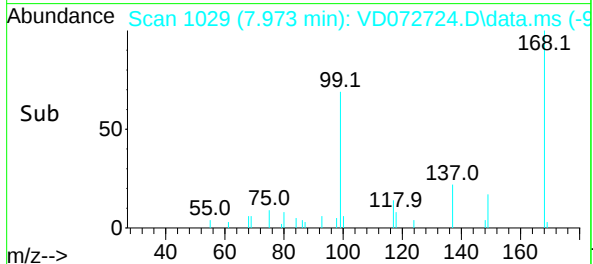
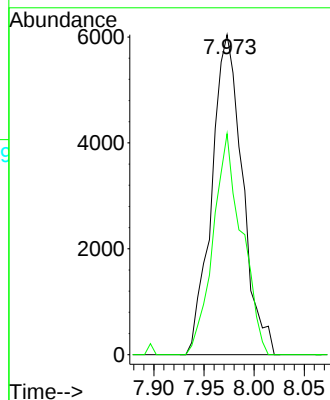
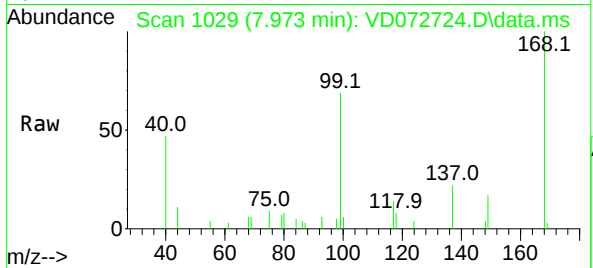




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

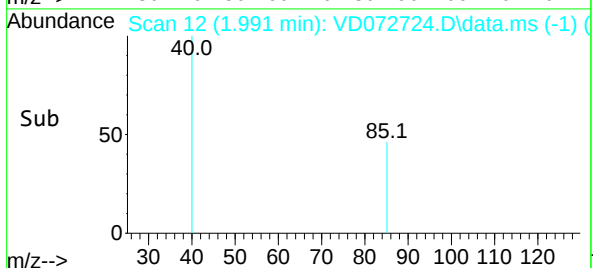
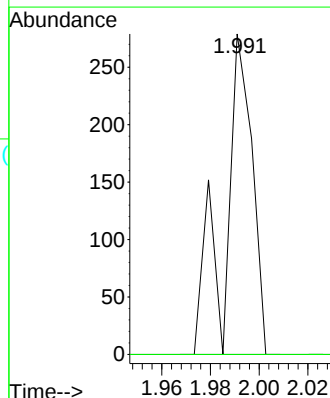
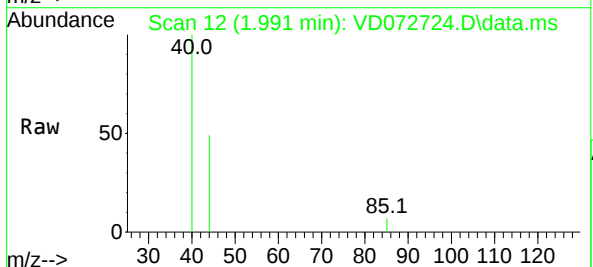
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISON

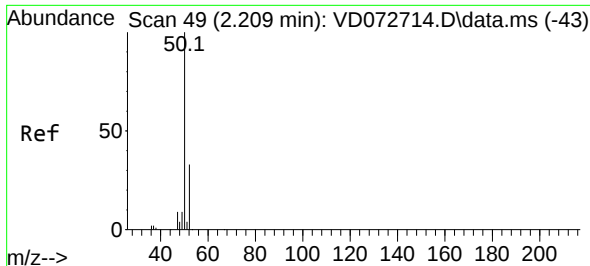
Tgt Ion:168 Resp: 12890
Ion Ratio Lower Upper
168 100
99 69.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.247 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

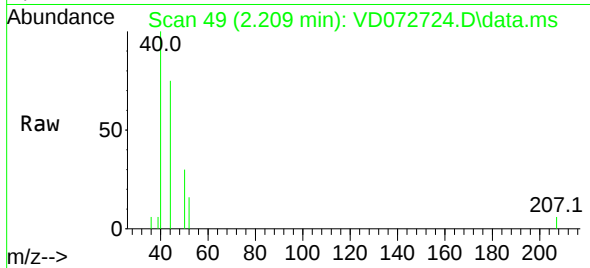
Tgt Ion: 85 Resp: 219
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#



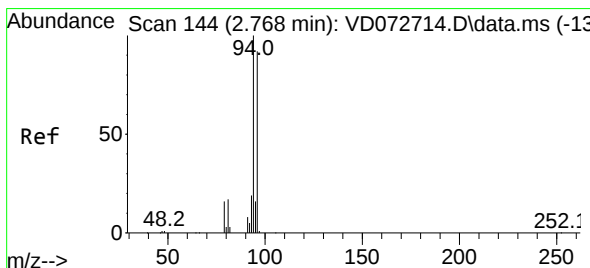
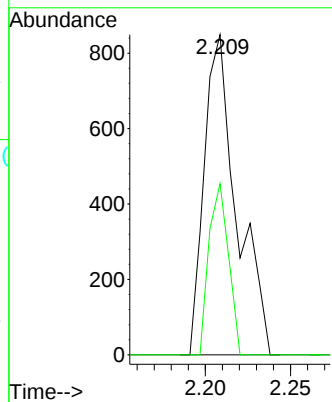
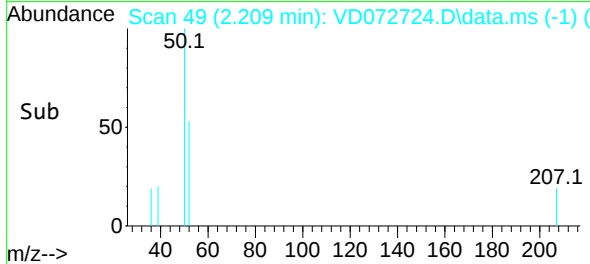


#3
Chloromethane
Concen: 5.666 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

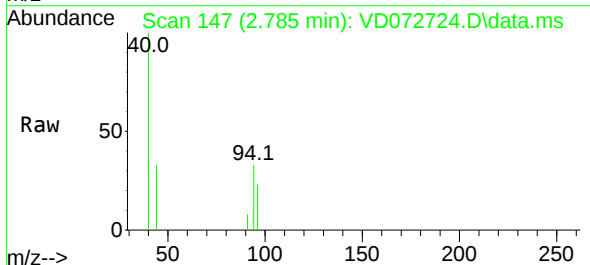
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISON



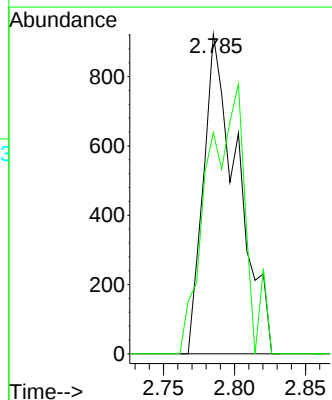
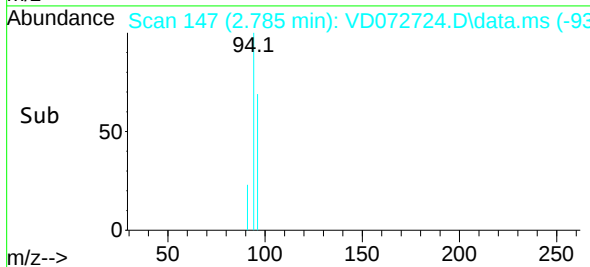
Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 53.5 27.4 41.0#

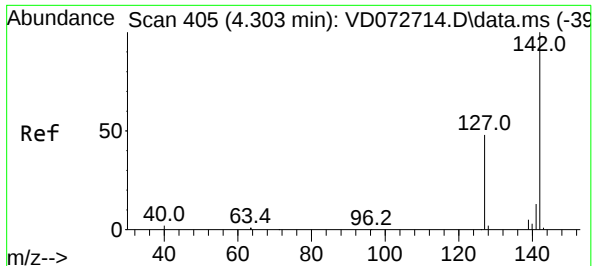


#5
Bromomethane
Concen: 13.354 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55



Tgt Ion: 94 Resp: 1543
Ion Ratio Lower Upper
94 100
96 69.1 77.6 116.4#

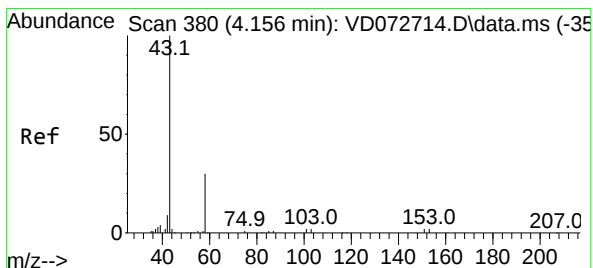
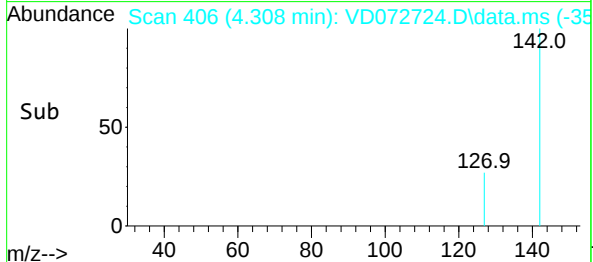
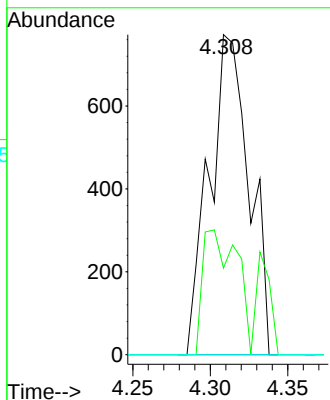
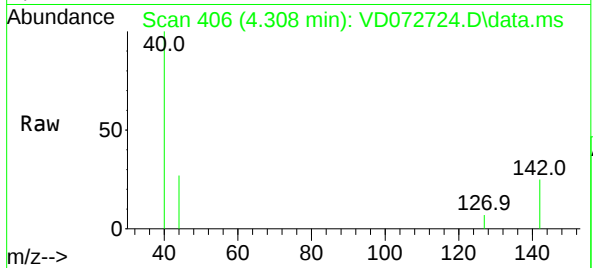




#10
Methyl Iodide
Concen: 11.188 ug/l
RT: 4.308 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

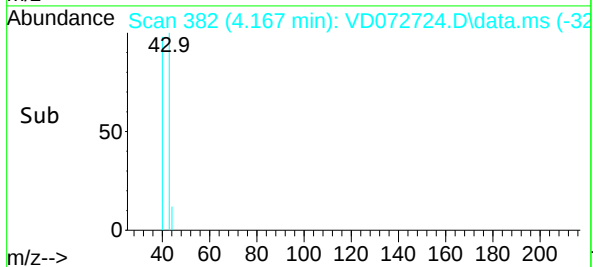
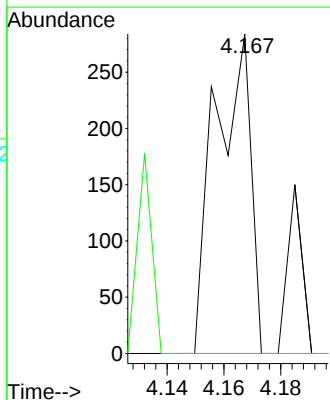
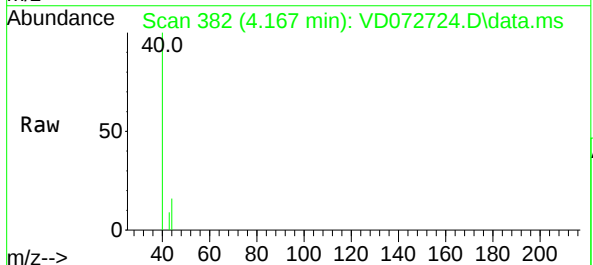
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISON

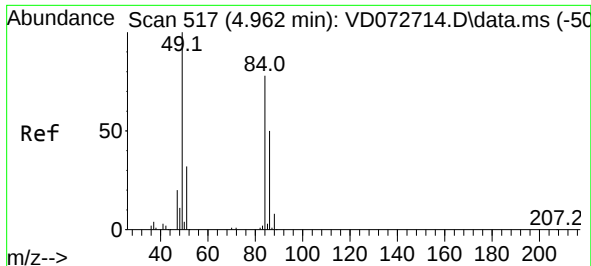
Tgt Ion:142 Resp: 1378
Ion Ratio Lower Upper
142 100
127 33.3 37.3 55.9#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 7.335 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 517

Delta R.T. 0.011 min

Lab File: VD072724.D

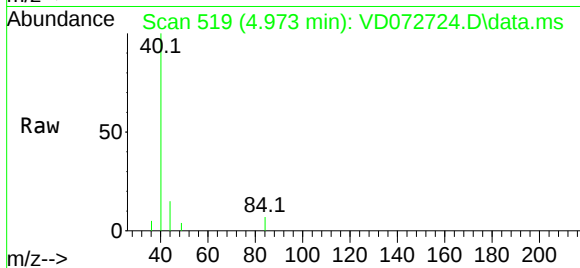
Acq: 28 Apr 2022 14:55

Instrument :

MSVOA_D

ClientSampleId :

12-15-SB5-BK-PRISON



Tgt Ion: 84 Resp: 443

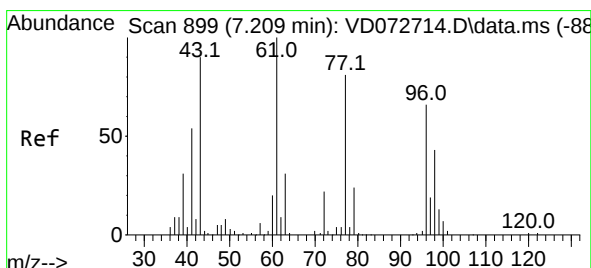
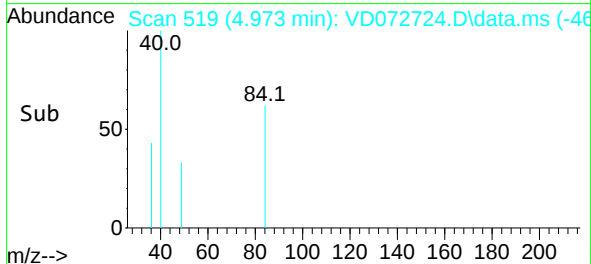
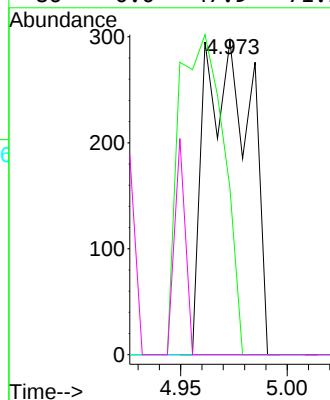
Ion Ratio Lower Upper

84 100

49 53.0 112.8 169.2#

51 0.0 32.6 48.8#

86 0.0 47.9 71.9#



#25

2-Butanone

Concen: 1.199 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.005 min

Lab File: VD072724.D

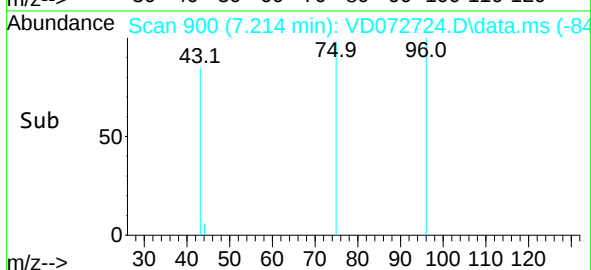
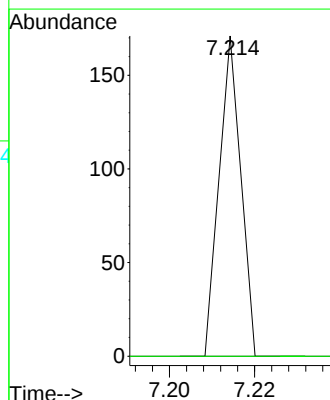
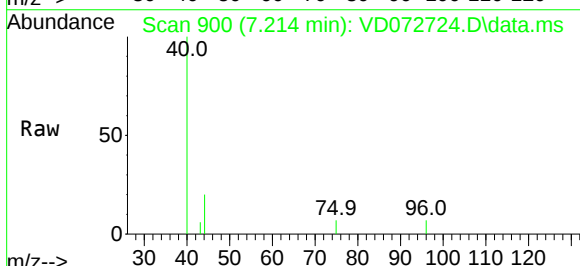
Acq: 28 Apr 2022 14:55

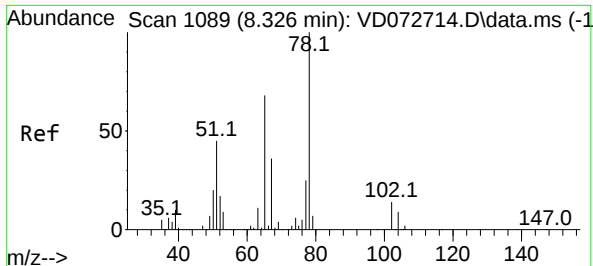
Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#





#33

1,2-Dichloroethane-d4

Concen: 80.643 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD072724.D

Acq: 28 Apr 2022 14:55

Instrument :

MSVOA_D

ClientSampleId :

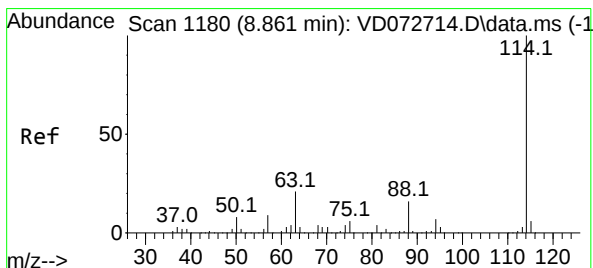
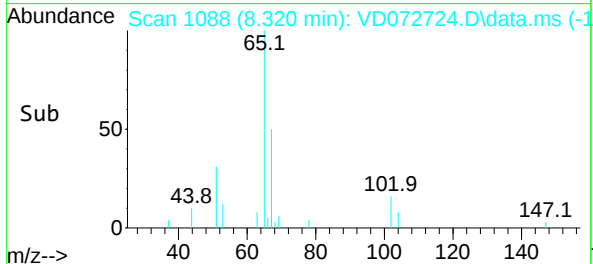
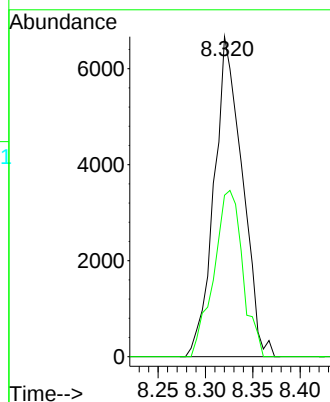
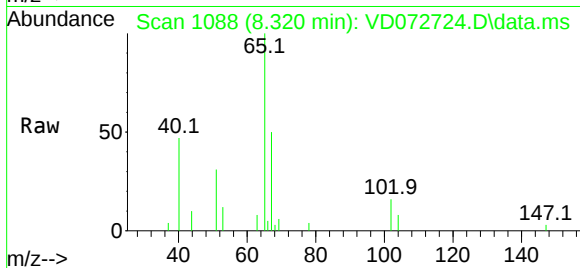
12-15-SB5-BK-PRISON

Tgt Ion: 65 Resp: 13801

Ion Ratio Lower Upper

65 100

67 53.1 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: VD072724.D

Acq: 28 Apr 2022 14:55

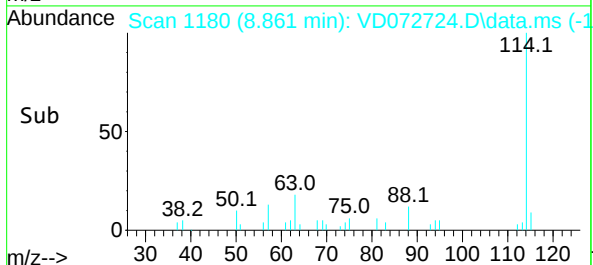
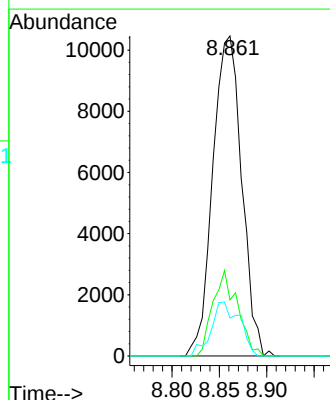
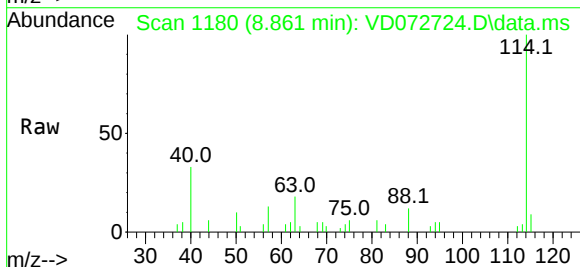
Tgt Ion: 114 Resp: 22236

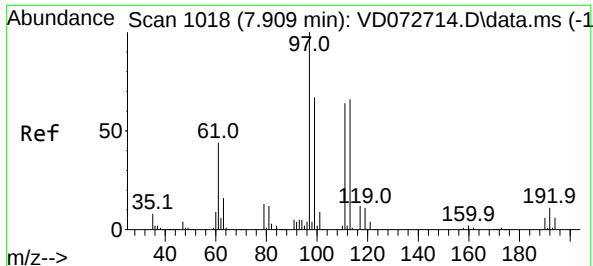
Ion Ratio Lower Upper

114 100

63 17.5 0.0 46.6

88 11.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 73.804 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.007 min

Lab File: VD072724.D

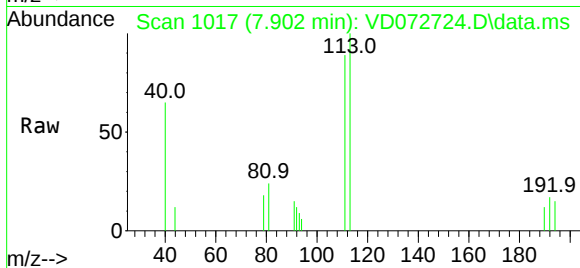
Acq: 28 Apr 2022 14:55

Instrument :

MSVOA_D

ClientSampleId :

12-15-SB5-BK-PRISON



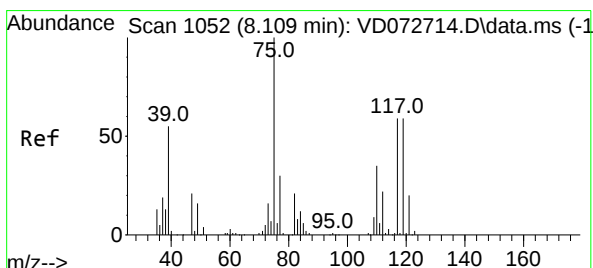
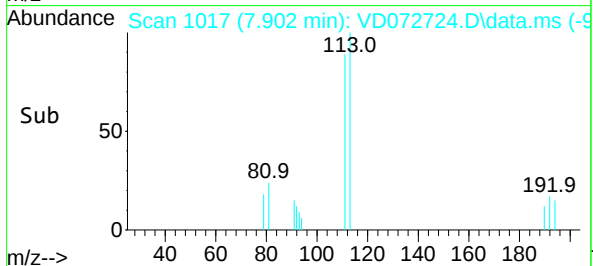
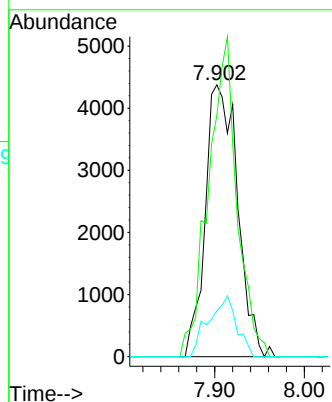
Tgt Ion:113 Resp: 10929

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 19.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.127 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.148 min

Lab File: VD072724.D

Acq: 28 Apr 2022 14:55

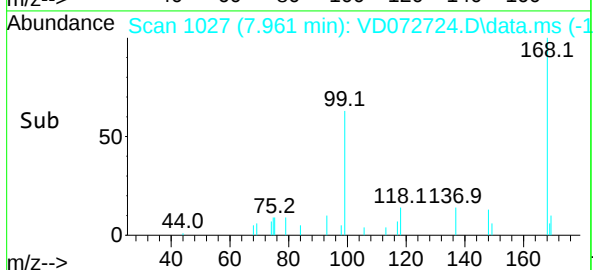
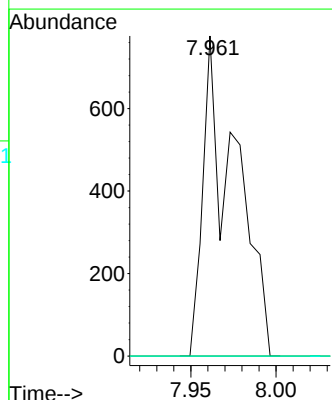
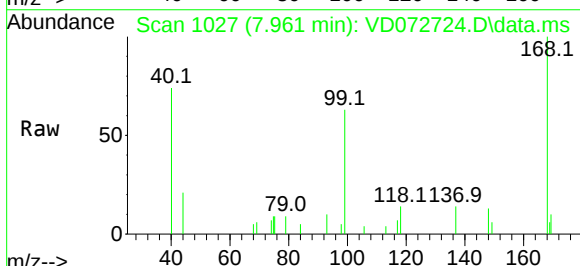
Tgt Ion: 75 Resp: 1024

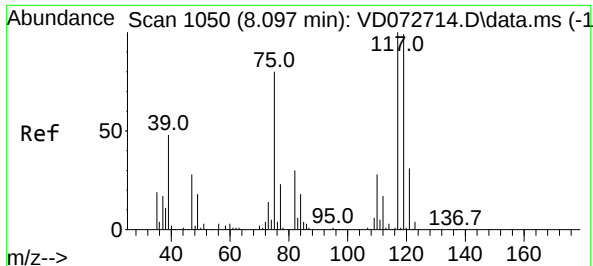
Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

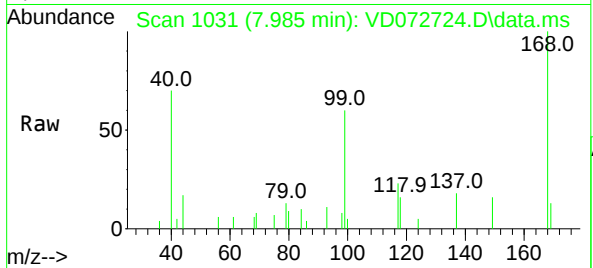
77 0.0 24.2 36.2#



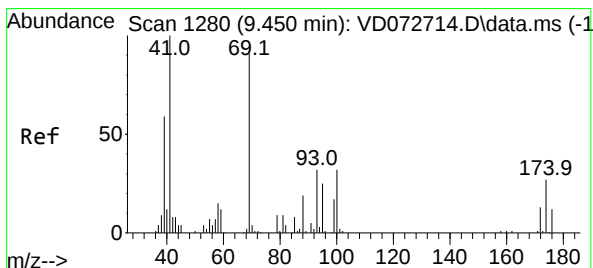
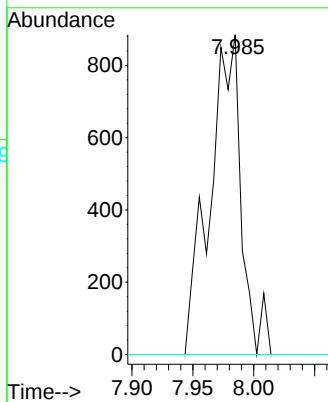
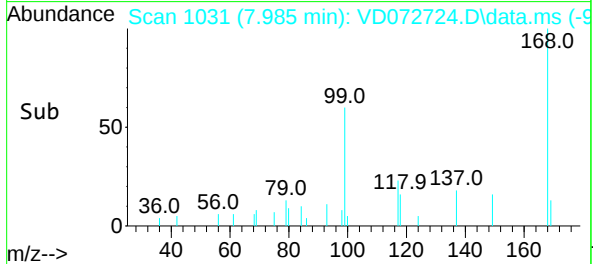


#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 7.985 min Scan# 1050
Delta R.T. -0.112 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

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

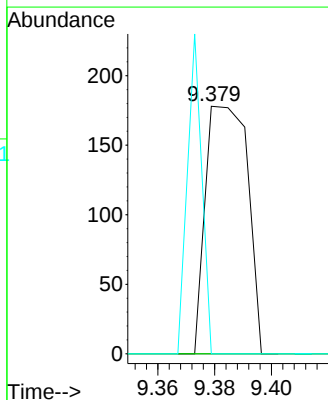
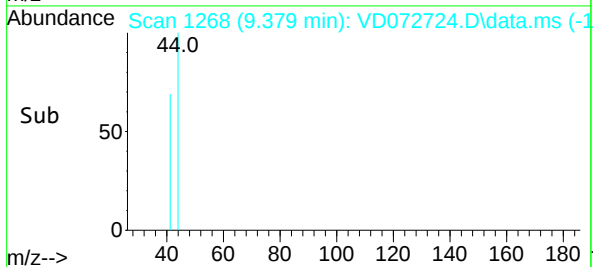
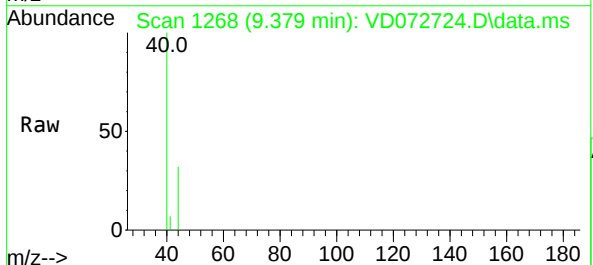


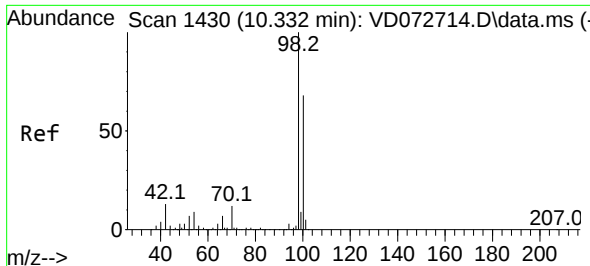
Tgt Ion:117 Resp: 1594
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 1.699 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.071 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

Tgt Ion: 41 Resp: 183
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 44.3 42.7 64.1

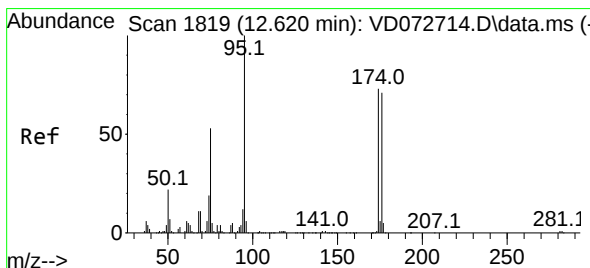
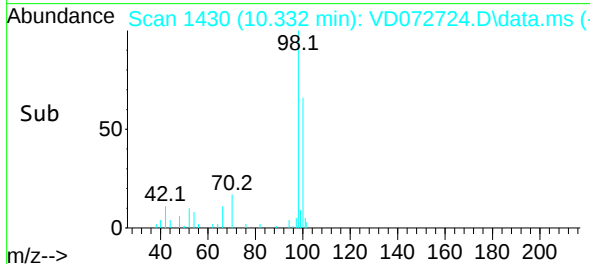
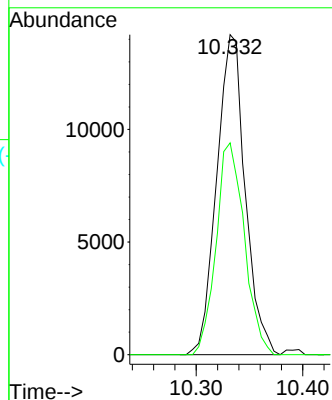
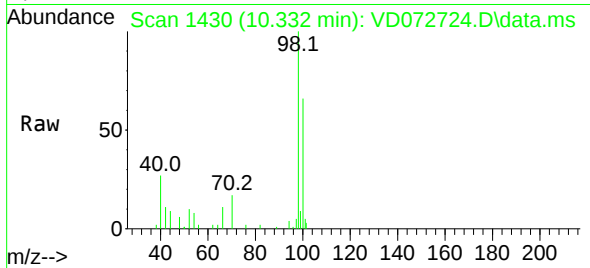




#50
Toluene-d8
Concen: 49.452 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

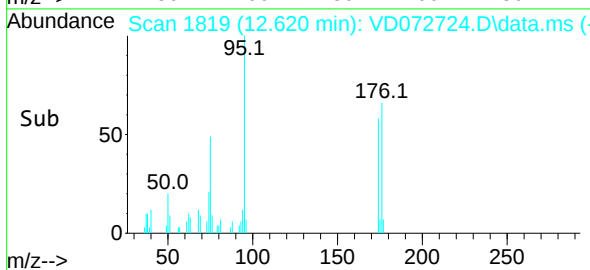
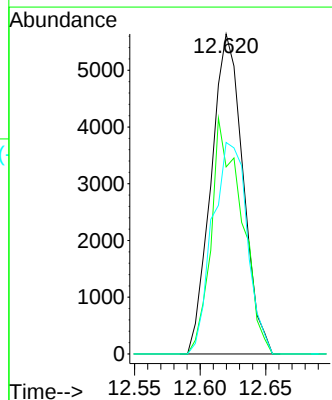
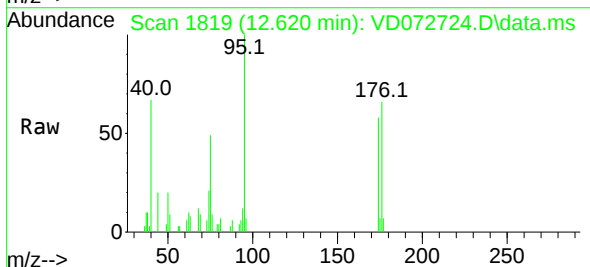
Instrument : MSVOA_D
ClientSampleId : 12-15-SB5-BK-PRISON

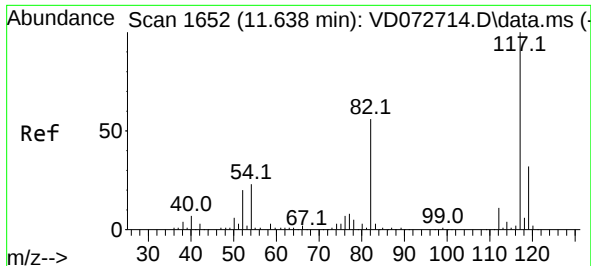
Tgt Ion: 98 Resp: 26400
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.417 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

Tgt Ion: 95 Resp: 9547
Ion Ratio Lower Upper
95 100
174 70.3 0.0 152.8
176 71.9 0.0 145.4

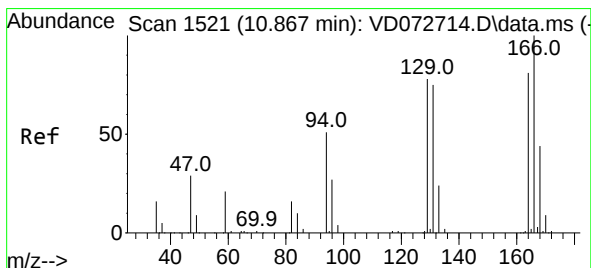
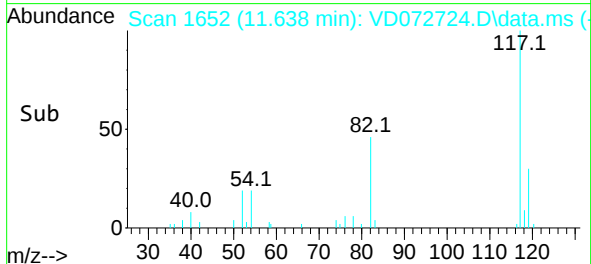
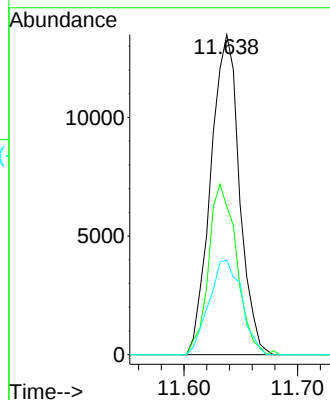
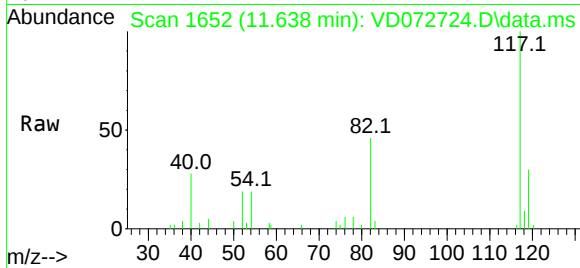




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

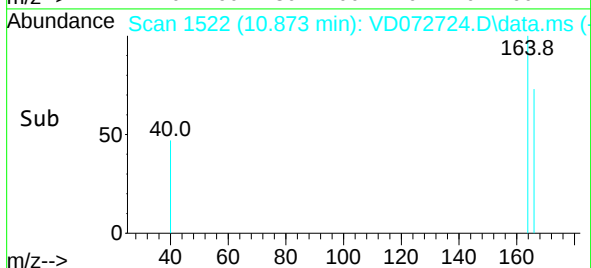
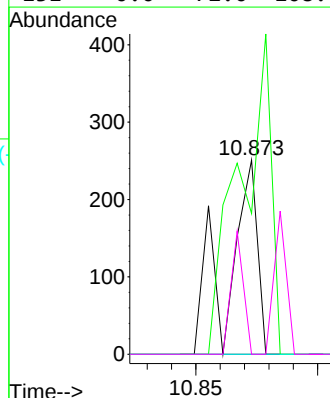
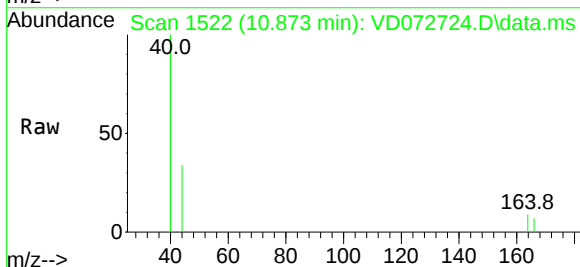
Instrument :
MSVOA_D
ClientSampleId :
12-15-SB5-BK-PRISON

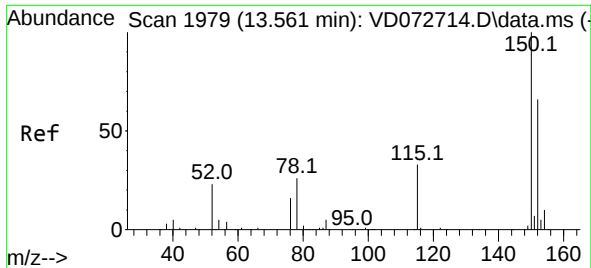
Tgt Ion:117	Resp:	23740
Ion	Ratio	Lower Upper
117	100	
82	46.3	45.3 67.9
119	29.6	26.6 40.0



#64
Tetrachloroethene
Concen: 1.290 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD072724.D
Acq: 28 Apr 2022 14:55

Tgt Ion:164	Resp:	210
Ion	Ratio	Lower Upper
164	100	
166	72.5	98.5 147.7#
129	0.0	74.6 111.8#
131	0.0	72.0 108.0#

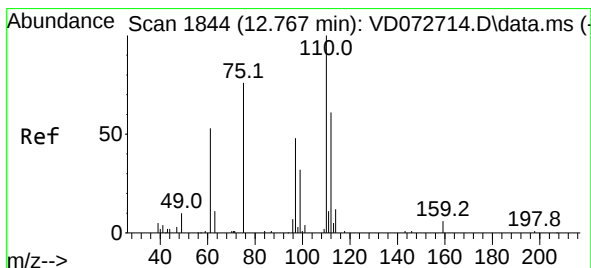
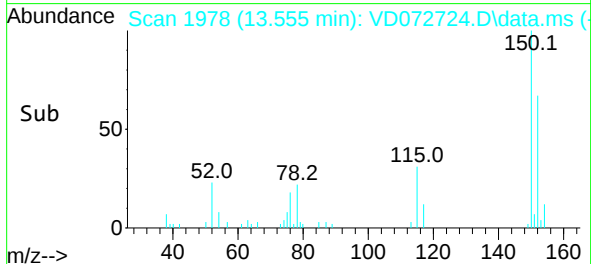
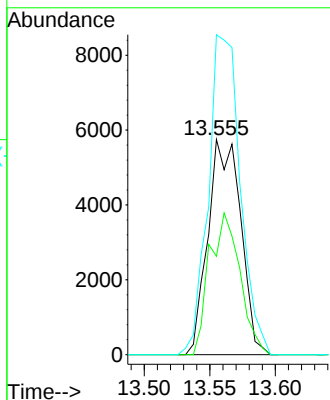
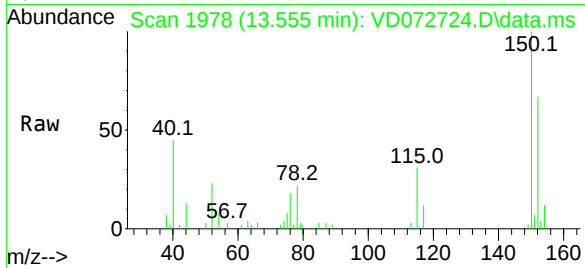




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD072724.D
 Acq: 28 Apr 2022 14:55

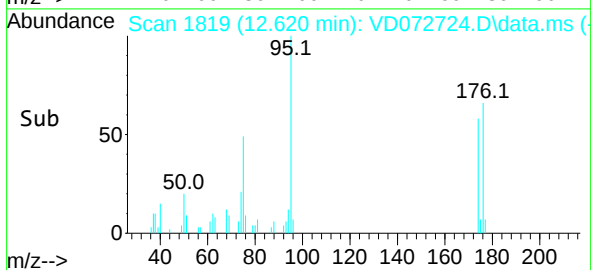
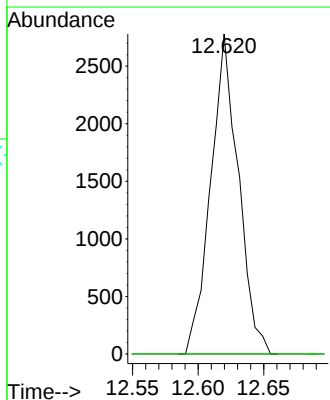
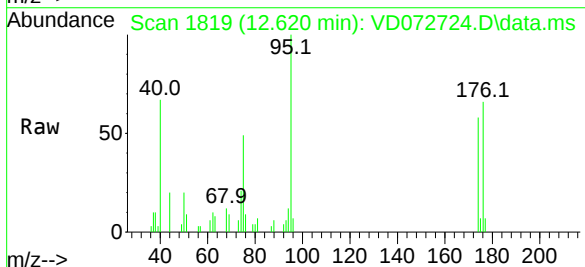
Instrument :
 MSVOA_D
 ClientSampleId :
 12-15-SB5-BK-PRISON

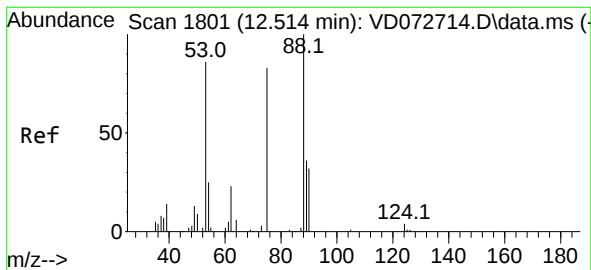
Tgt Ion:152 Resp: 9965
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.3 93.8
 150 145.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 36.502 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072724.D
 Acq: 28 Apr 2022 14:55

Tgt Ion: 75 Resp: 4082
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.349 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072724.D
 Acq: 28 Apr 2022 14:55

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

Tgt Ion: 75 Resp: 4082
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

