

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072727.D
 Acq On : 28 Apr 2022 16:21
 Operator : VA/SY
 Sample : N2602-05
 Misc : 4.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10-16-SB3-BK-PRISON

Quant Time: Apr 29 01:23:14 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	320090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	642561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223439	52.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.908	113	219035	51.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.380%
50) Toluene-d8	10.332	98	782300	50.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.620	95	279272	48.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.000%

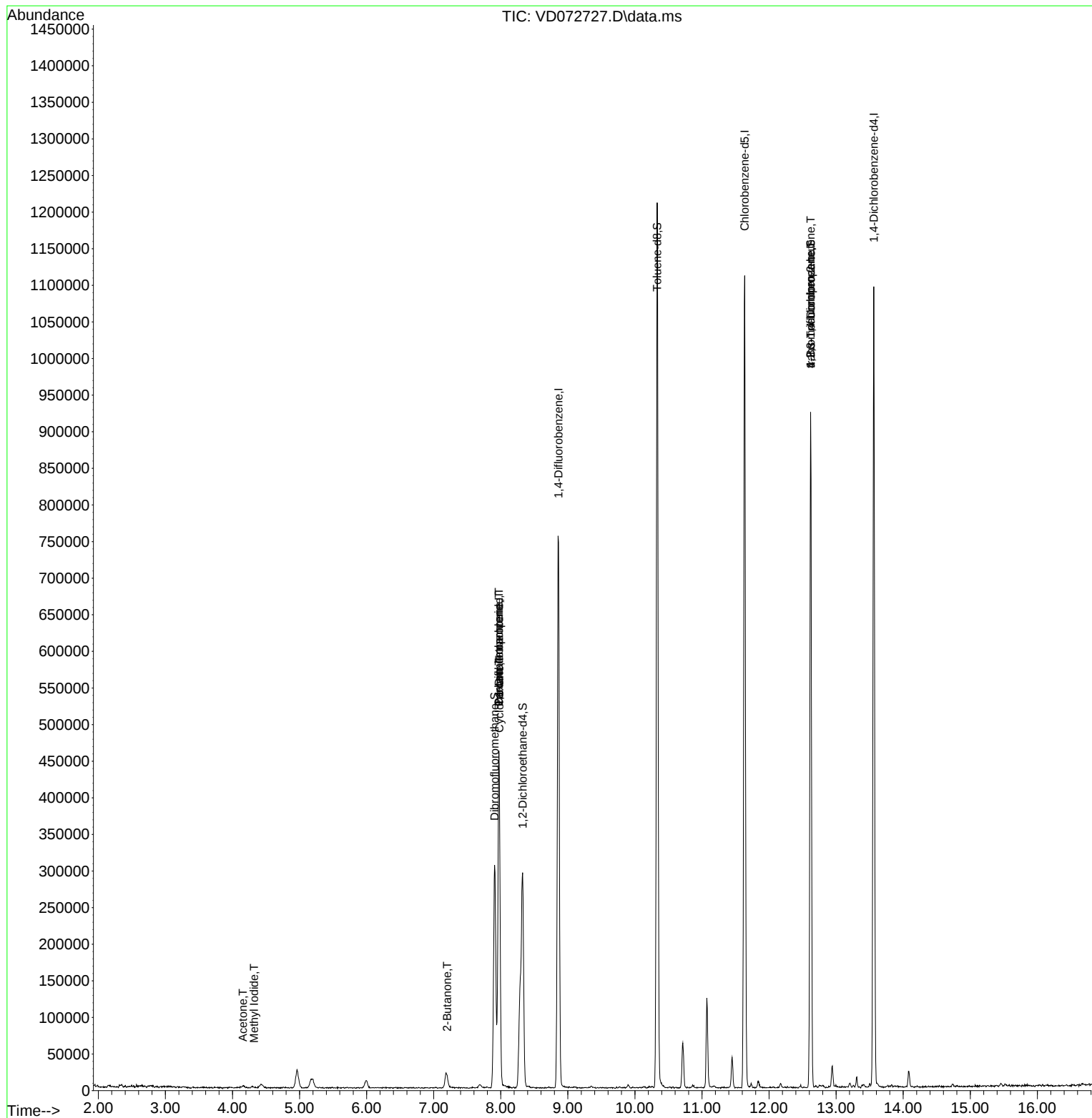
Target Compounds					Qvalue	
10) Methyl Iodide	4.320	142	1876	5.045	ug/l #	52
11) Tert butyl alcohol	5.191	59	13828	Below Cal	#	75
16) Acetone	4.156	43	5028	6.037	ug/l #	79
20) Methylene Chloride	4.967	84	17647	Below Cal	#	85
25) 2-Butanone	7.203	43	1790	1.440	ug/l #	52
31) Cyclohexane	7.979	56	8644	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	26698	3.724	ug/l #	52
38) Carbon Tetrachloride	7.973	117	34983	4.828	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	146487	46.076	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	146487	107.565	ug/l #	7

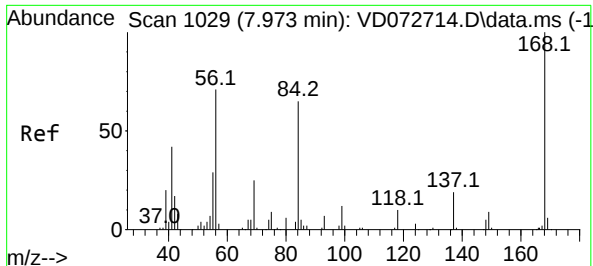
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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10-16-SB3-BK-PRISON

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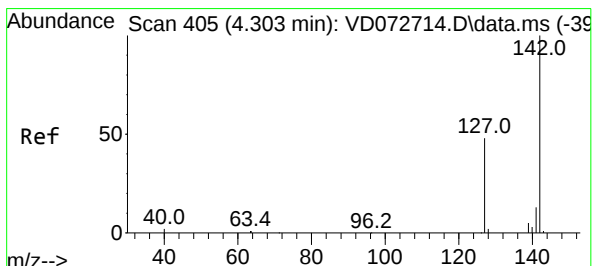
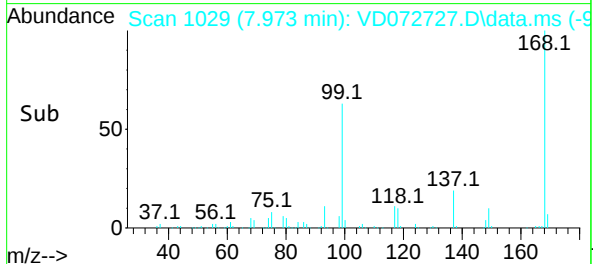
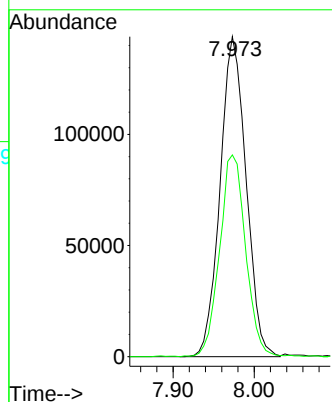
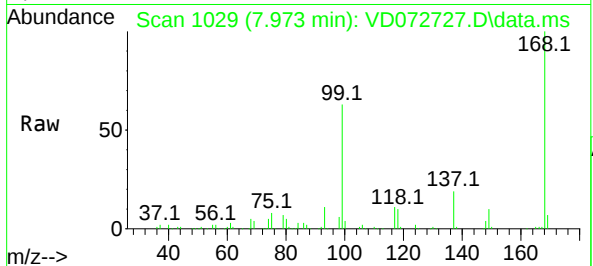




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

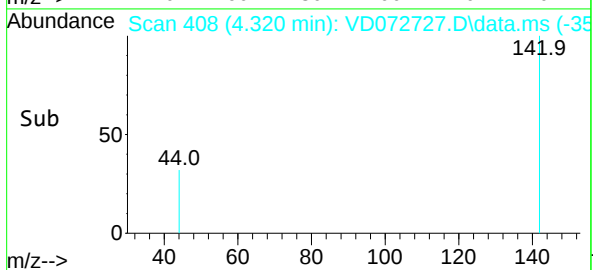
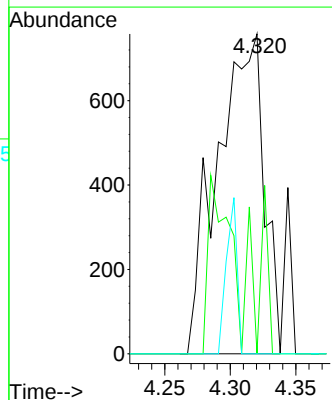
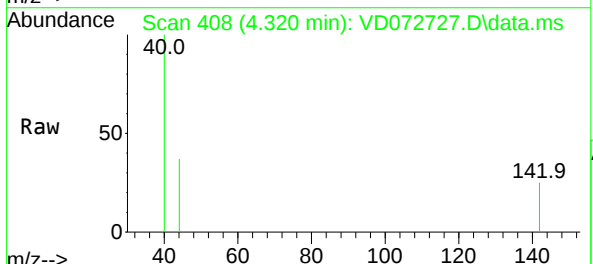
Instrument :
MSVOA_D
ClientSampleId :
10-16-SB3-BK-PRISON

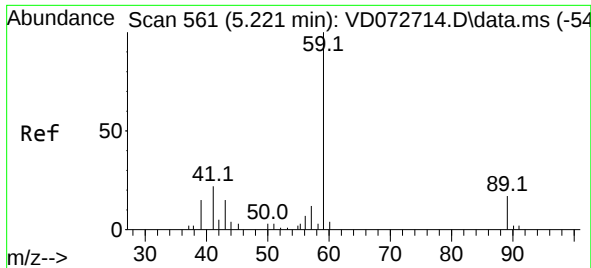
Tgt Ion:168 Resp: 320090
Ion Ratio Lower Upper
168 100
99 63.1 49.8 74.6



#10
Methyl Iodide
Concen: 5.045 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

Tgt Ion:142 Resp: 1876
Ion Ratio Lower Upper
142 100
127 6.6 37.3 55.9#
141 11.1 11.7 17.5#

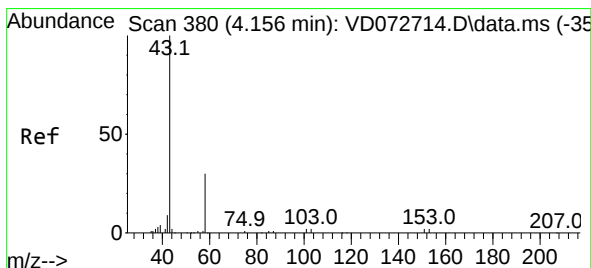
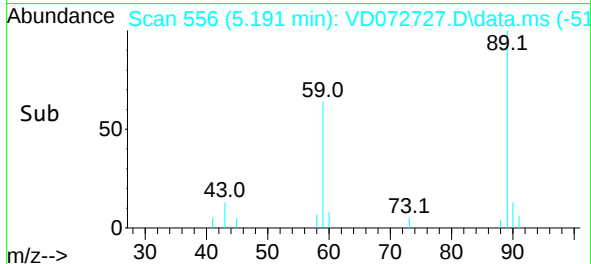
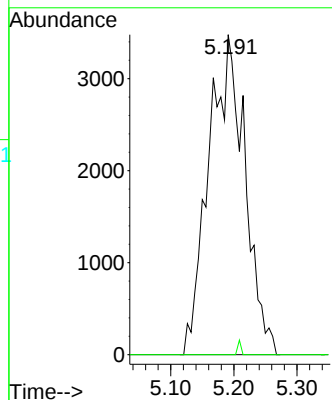
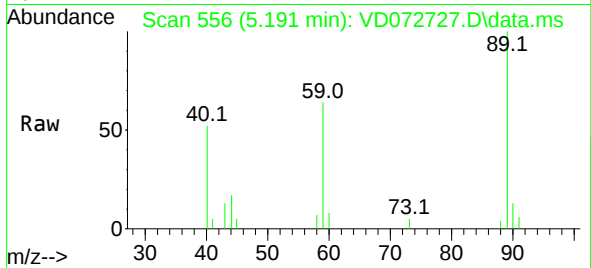




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

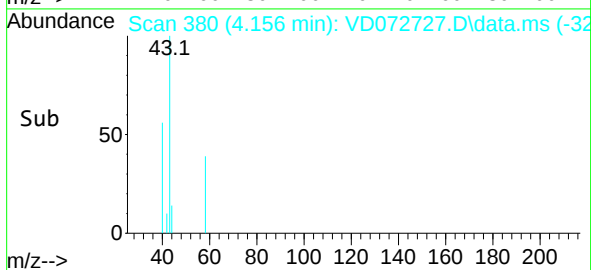
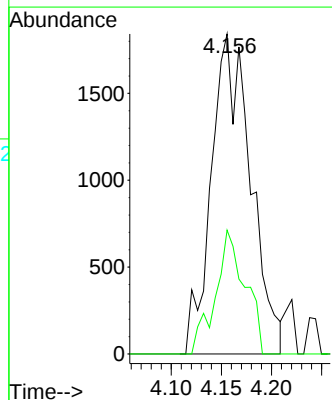
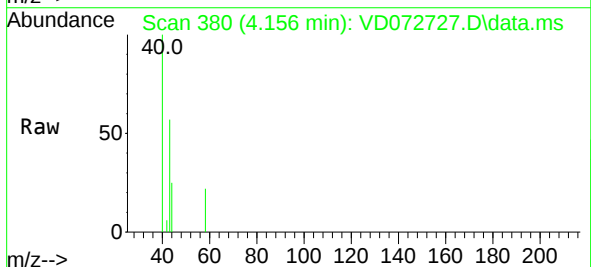
Instrument :
MSVOA_D
ClientSampleId :
10-16-SB3-BK-PRISON

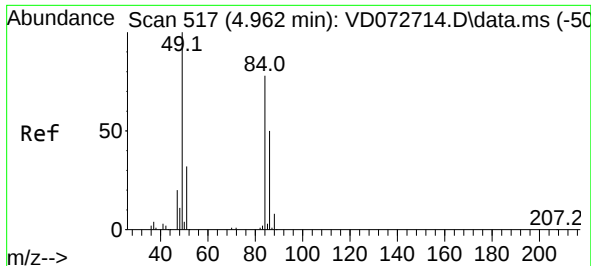
Tgt Ion: 59 Resp: 13828
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.6#



#16
Acetone
Concen: 6.037 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

Tgt Ion: 43 Resp: 5028
Ion Ratio Lower Upper
43 100
58 38.7 22.1 33.1#

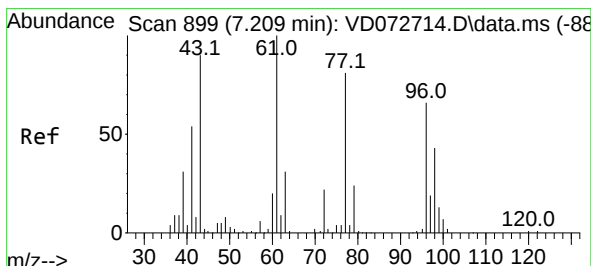
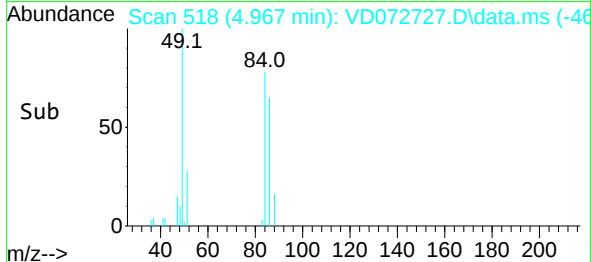
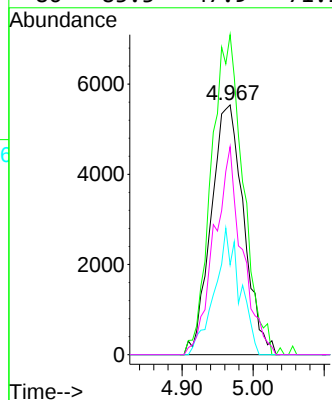
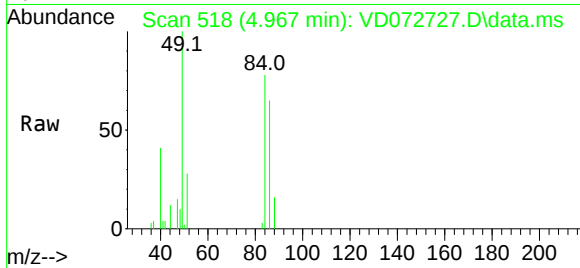




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

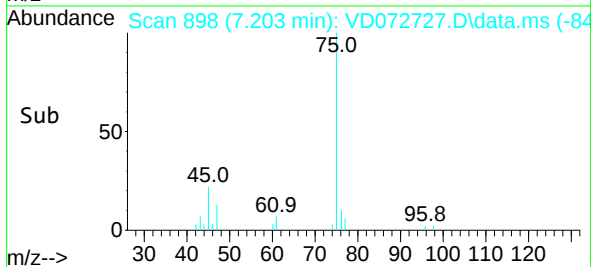
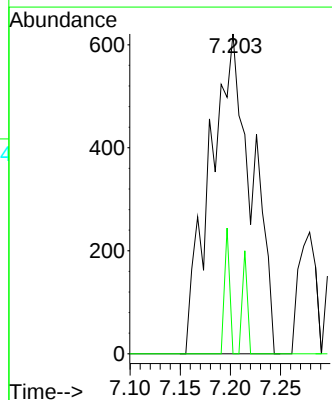
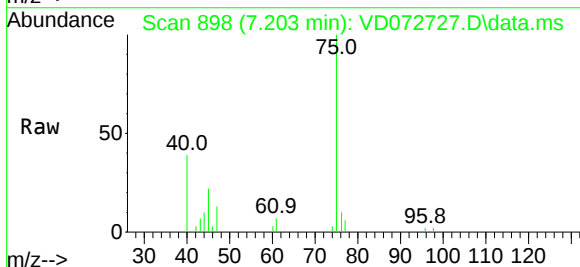
Instrument :
MSVOA_D
ClientSampleId :
10-16-SB3-BK-PRISON

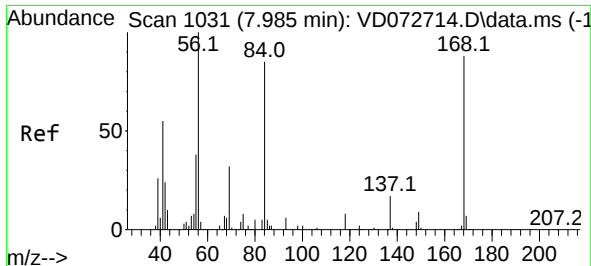
Tgt Ion: 84 Resp: 17647
Ion Ratio Lower Upper
84 100
49 128.1 112.8 169.2
51 36.0 32.6 48.8
86 83.3 47.9 71.9#



#25
2-Butanone
Concen: 1.440 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

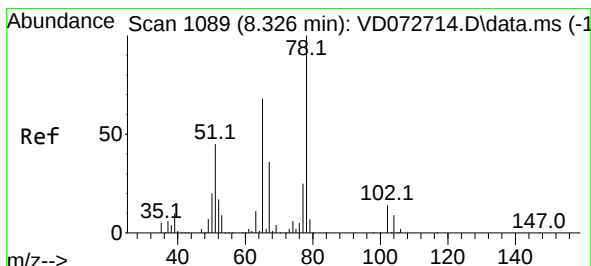
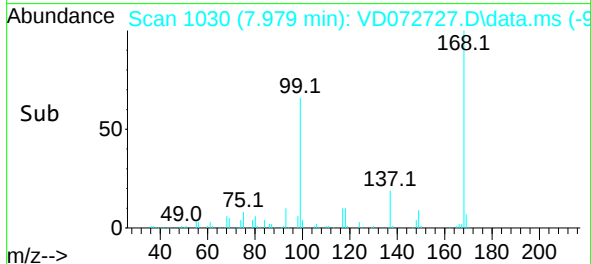
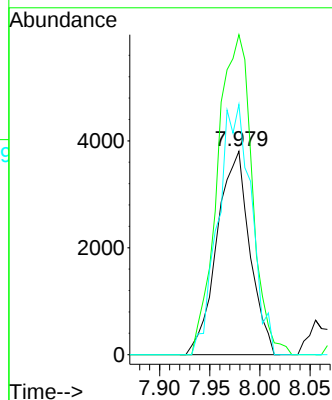
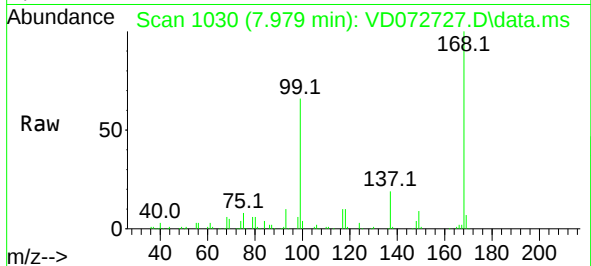




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

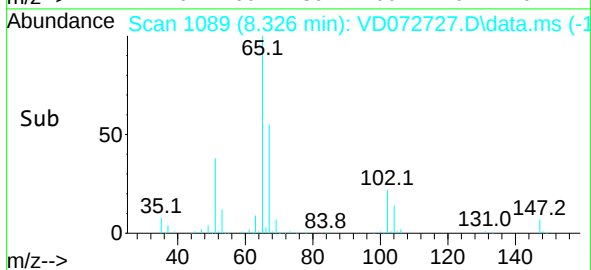
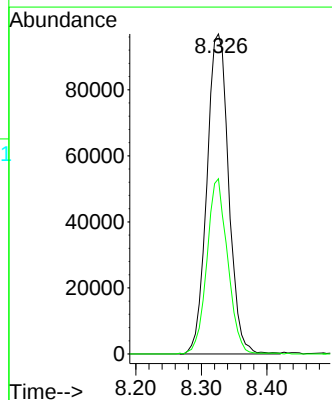
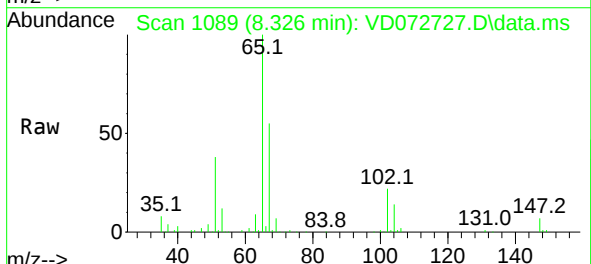
Instrument :
MSVOA_D
ClientSampleId :
10-16-SB3-BK-PRISON

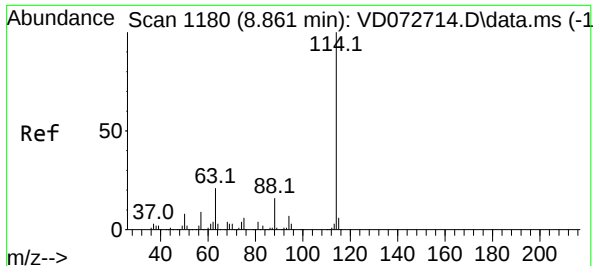
Tgt Ion: 56 Resp: 8644
Ion Ratio Lower Upper
56 100
69 157.3 25.4 38.2#
84 123.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 52.577 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

Tgt Ion: 65 Resp: 223439
Ion Ratio Lower Upper
65 100
67 52.3 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: VD072727.D

Acq: 28 Apr 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

10-16-SB3-BK-PRISON

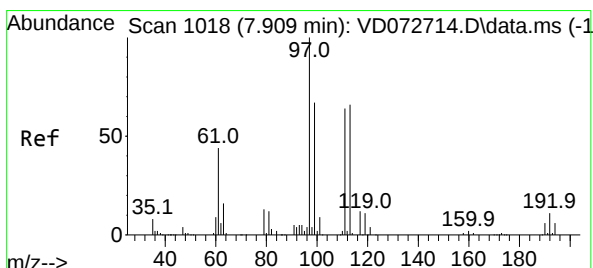
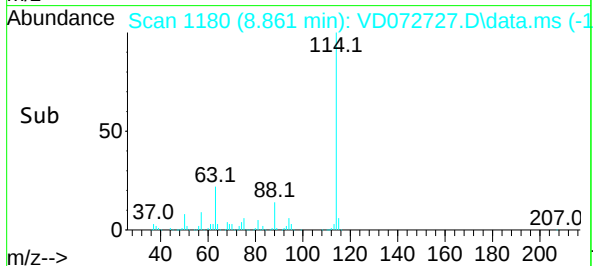
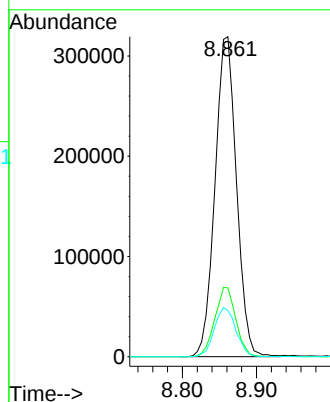
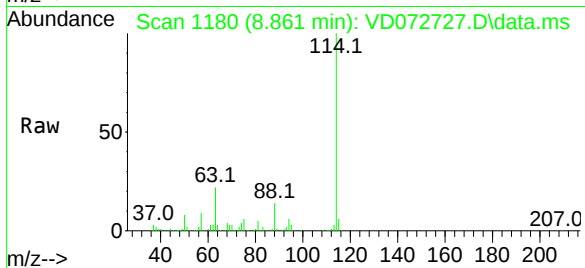
Tgt Ion:114 Resp: 642561

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 14.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.187 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072727.D

Acq: 28 Apr 2022 16:21

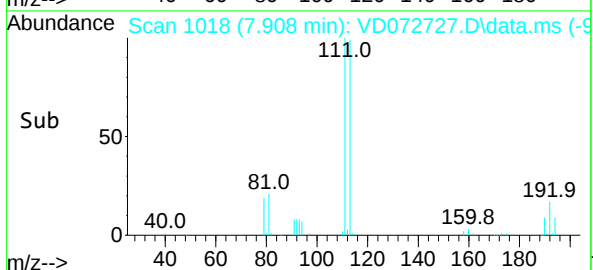
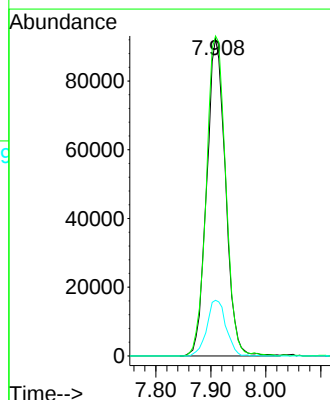
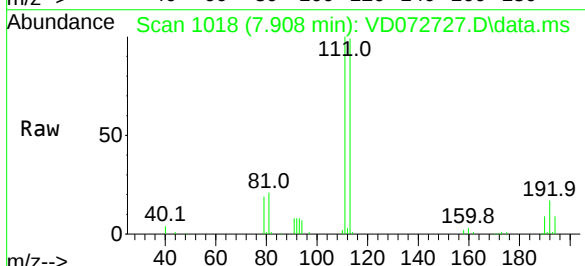
Tgt Ion:113 Resp: 219035

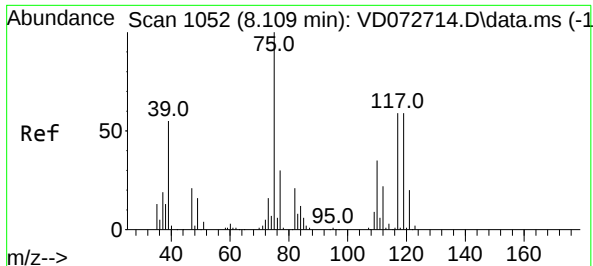
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.724 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072727.D

Acq: 28 Apr 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

10-16-SB3-BK-PRISON

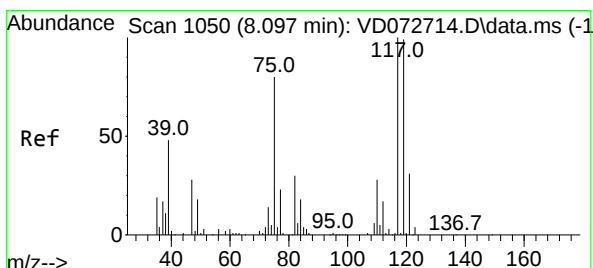
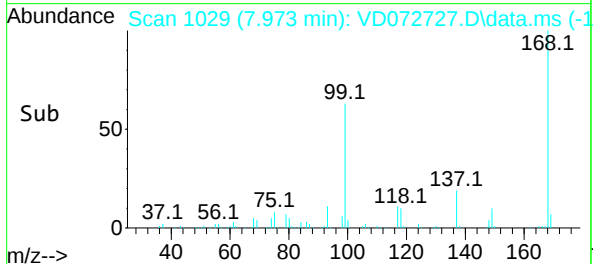
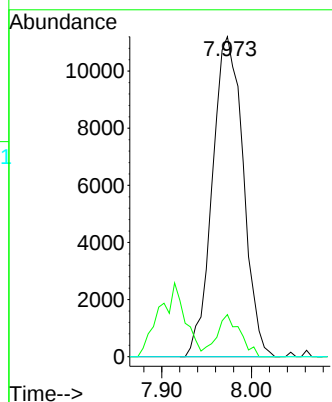
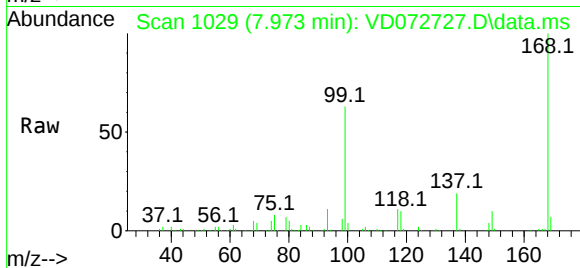
Tgt Ion: 75 Resp: 26698

Ion Ratio Lower Upper

75 100

110 10.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.828 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072727.D

Acq: 28 Apr 2022 16:21

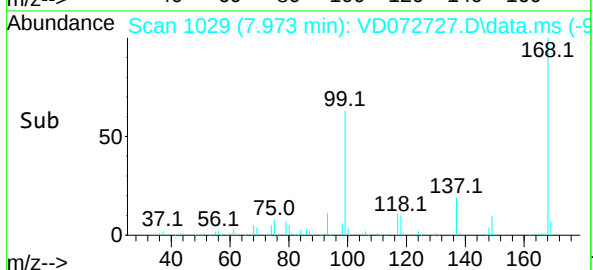
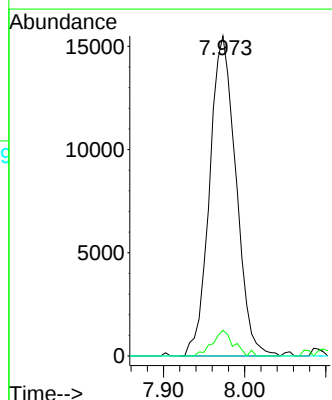
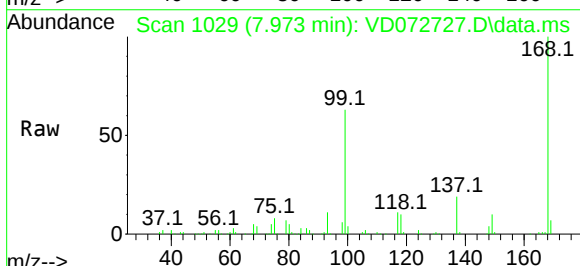
Tgt Ion: 117 Resp: 34983

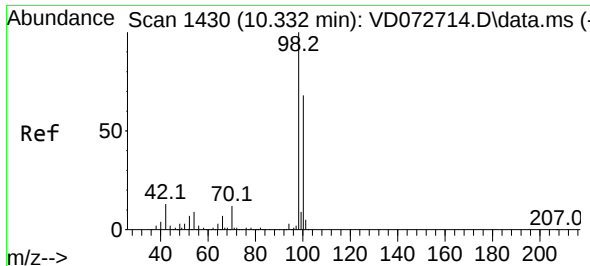
Ion Ratio Lower Upper

117 100

119 8.0 75.8 113.6#

121 0.0 24.5 36.7#

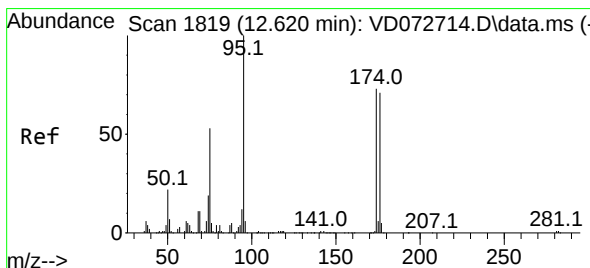
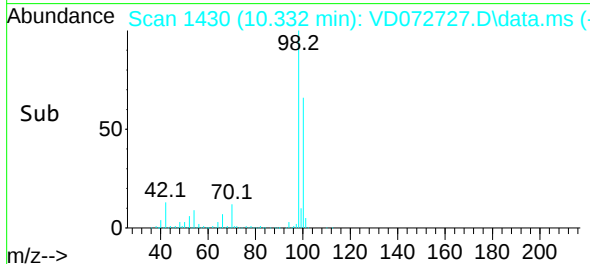
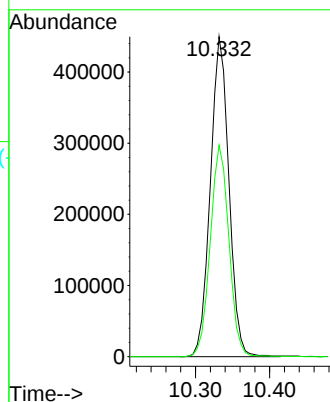
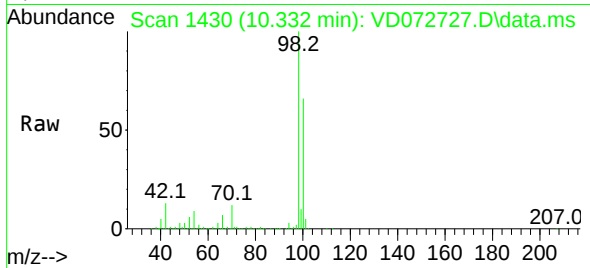




#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

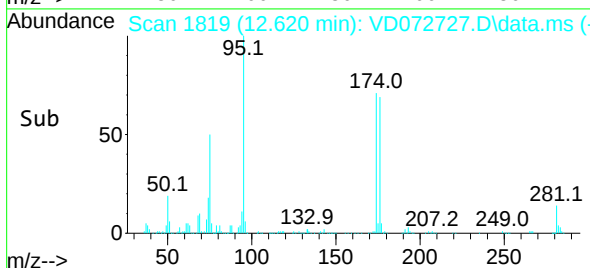
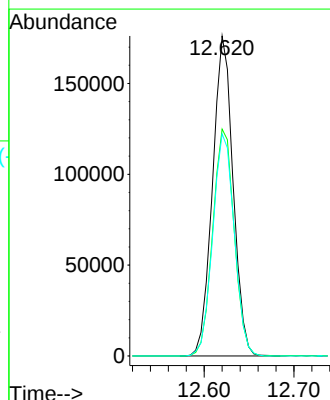
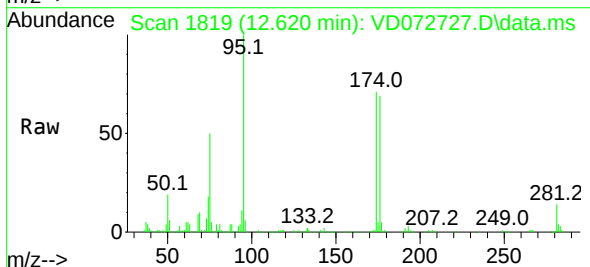
Instrument :
MSVOA_D
ClientSampleId :
10-16-SB3-BK-PRISON

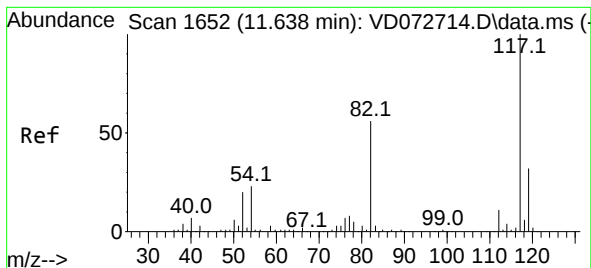
Tgt Ion: 98 Resp: 782300
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.000 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

Tgt Ion: 95 Resp: 279272
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 72.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072727.D

Acq: 28 Apr 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

10-16-SB3-BK-PRISON

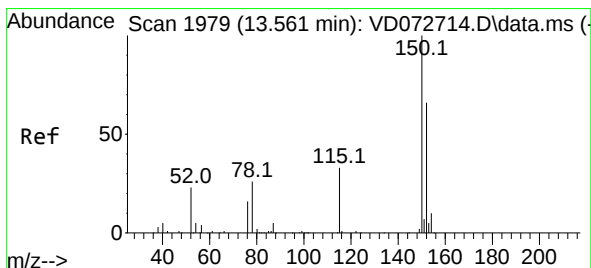
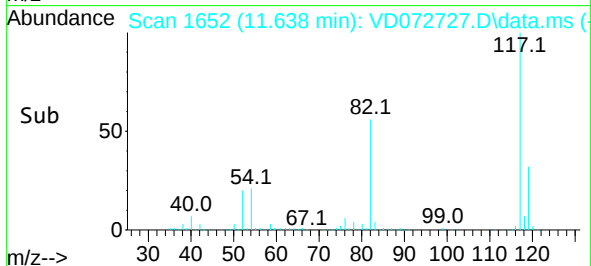
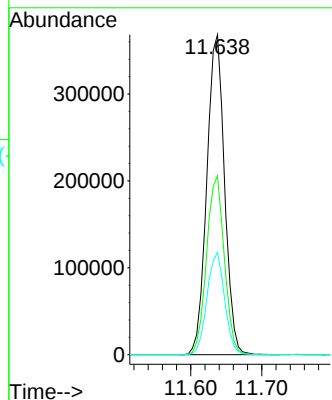
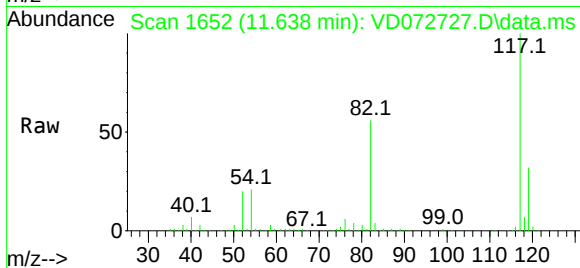
Tgt Ion:117 Resp: 639667

Ion Ratio Lower Upper

117 100

82 56.0 45.3 67.9

119 32.0 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: VD072727.D

Acq: 28 Apr 2022 16:21

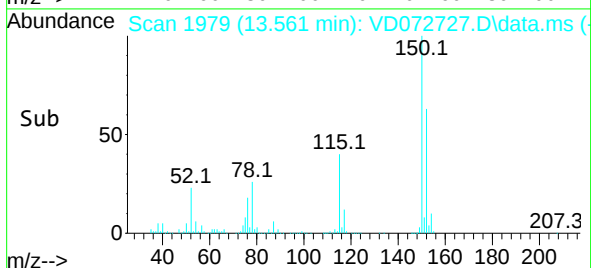
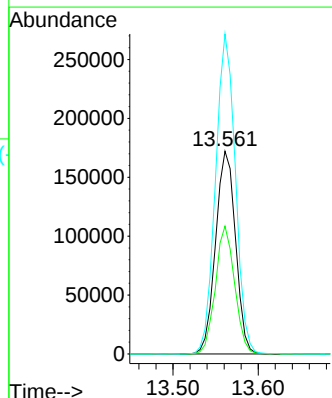
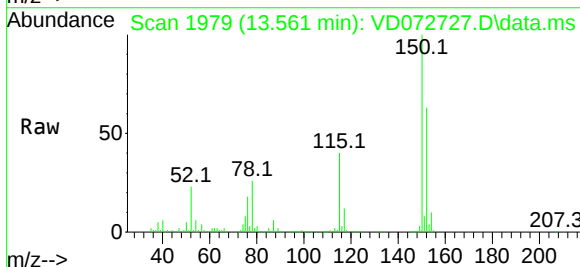
Tgt Ion:152 Resp: 280422

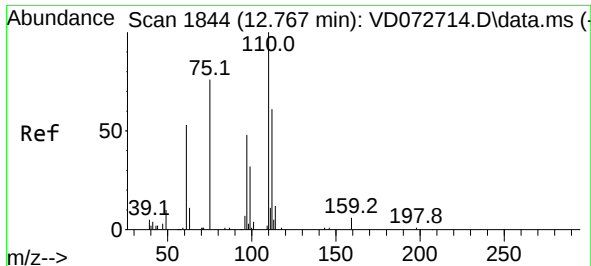
Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 156.9 0.0 348.6

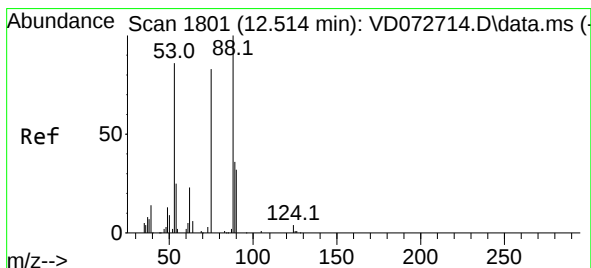
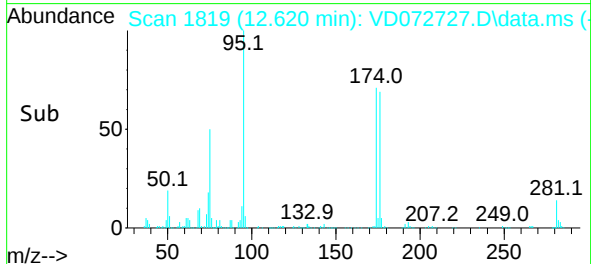
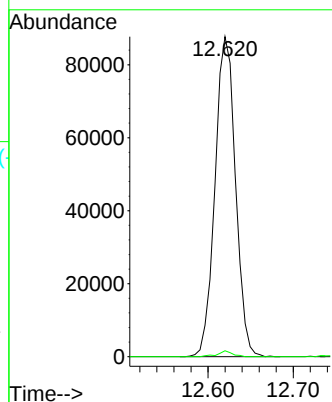
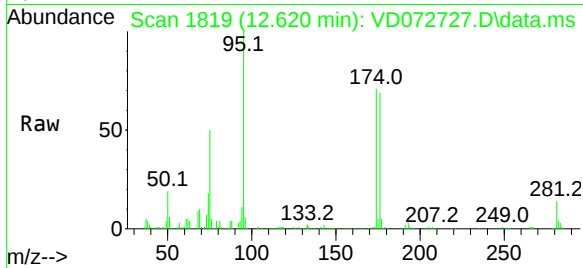




#76
1,2,3-Trichloropropane
Concen: 46.076 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :
10-16-SB3-BK-PRISON

Tgt Ion: 75 Resp: 146487
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.565 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072727.D
Acq: 28 Apr 2022 16:21

Tgt Ion: 75 Resp: 146487
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.2 33.9 50.9#

