

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072962.D
 Acq On : 12 May 2022 22:11
 Operator : VA/SY
 Sample : N2817-04
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS020-0006-01

Quant Time: May 13 05:59:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

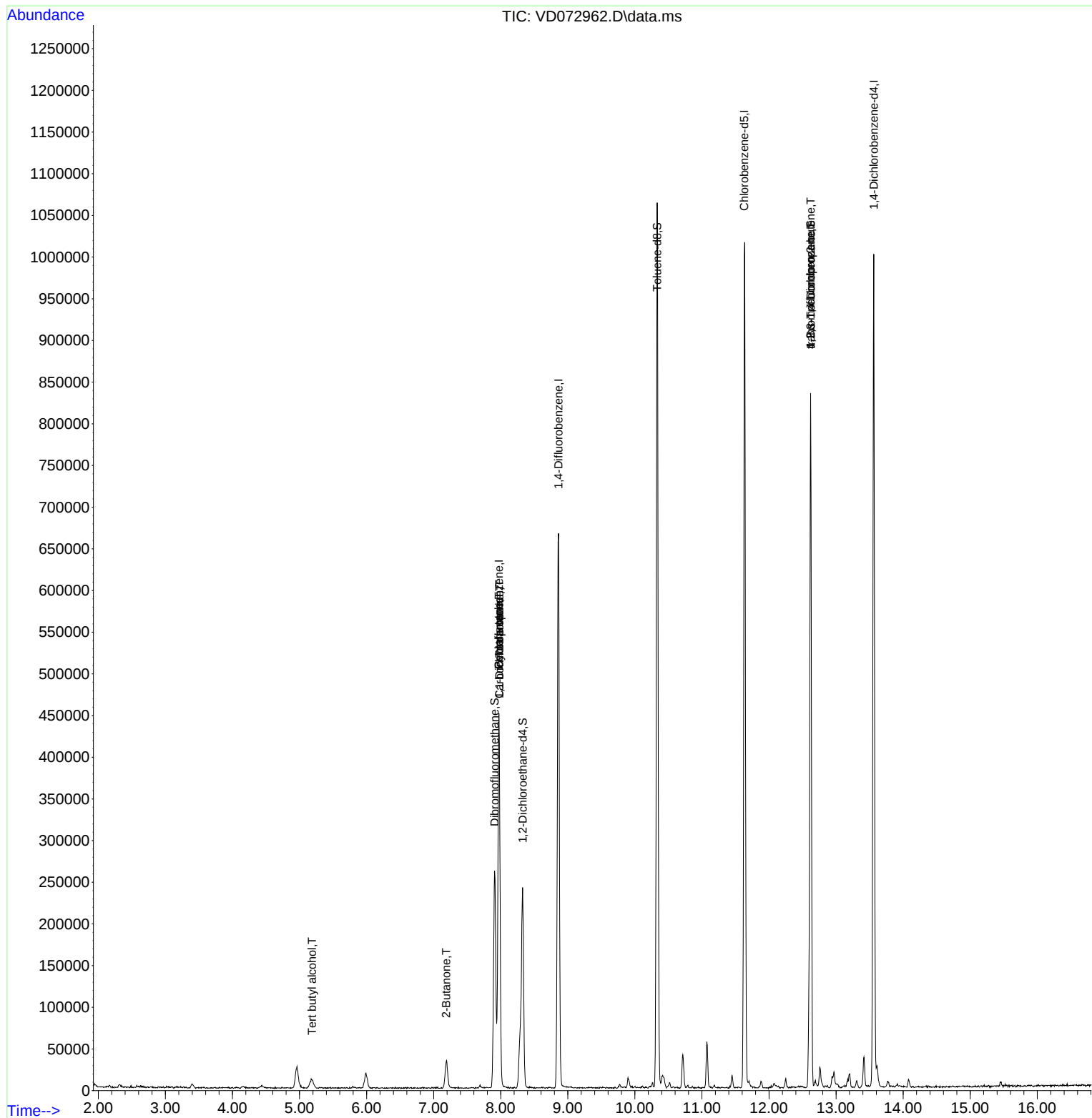
Internal Standards						
1) Pentafluorobenzene	7.973	168	315751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	573282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	576780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178021	43.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.860%
35) Dibromofluoromethane	7.908	113	188857	46.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.332	98	698899	48.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.620	95	261604	48.578	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	459	Below Cal		91
11) Tert butyl alcohol	5.185	59	6416	18.092 ug/l	#	74
16) Acetone	4.156	43	3030	Below Cal	#	88
18) Methyl Acetate	4.520	43	62	Below Cal	#	55
20) Methylene Chloride	4.962	84	18508	Below Cal	#	88
25) 2-Butanone	7.185	43	1975	1.654 ug/l	#	52
31) Cyclohexane	7.973	56	8262	1.153 ug/l	#	29
36) 1,1-Dichloropropene	7.979	75	27716	4.234 ug/l	#	52
38) Carbon Tetrachloride	7.979	117	34639	5.097 ug/l	#	16
76) 1,2,3-Trichloropropane	12.620	75	133960	46.448 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	133960	106.812 ug/l	#	7

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

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD072962.D

Acq: 12 May 2022 22:11

Instrument :

MSVOA_D

ClientSampleId :

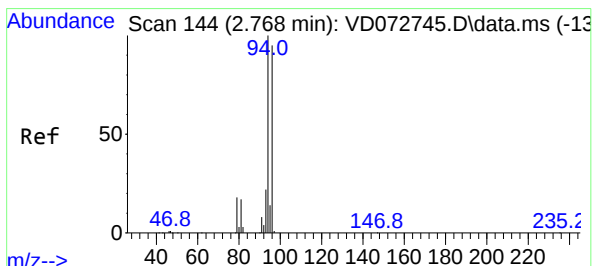
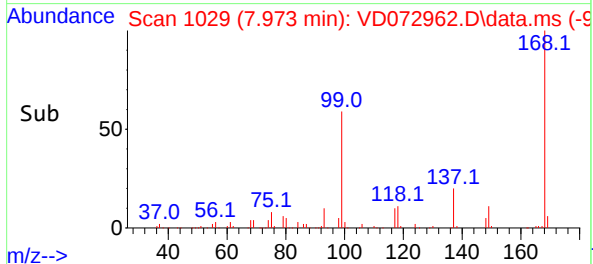
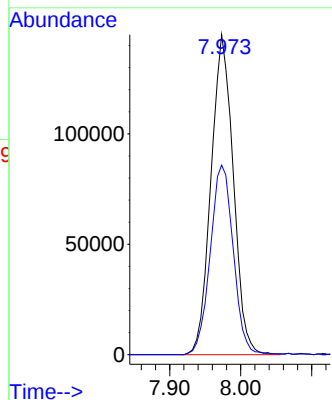
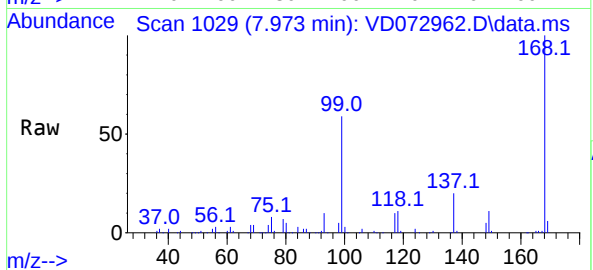
P007-SS020-0006-01

Tgt Ion:168 Resp: 315751

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



#5

Bromomethane

Concen: Below Cal

RT: 2.779 min Scan# 146

Delta R.T. 0.011 min

Lab File: VD072962.D

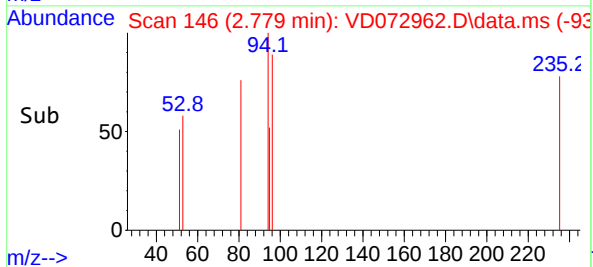
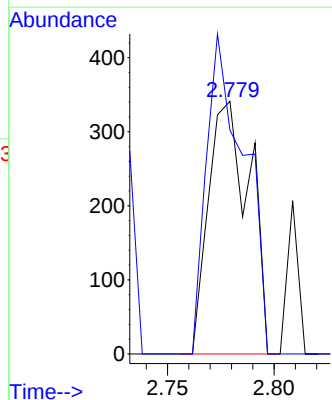
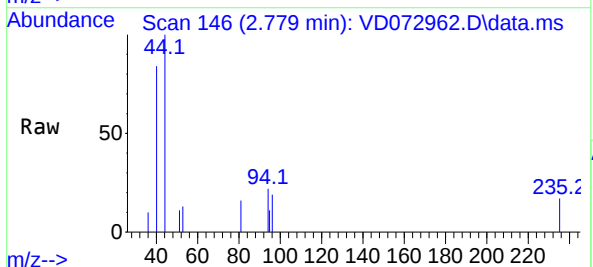
Acq: 12 May 2022 22:11

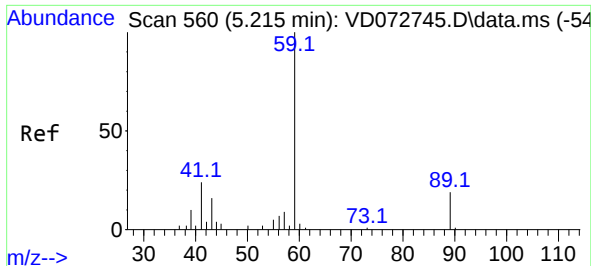
Tgt Ion: 94 Resp: 459

Ion Ratio Lower Upper

94 100

96 88.6 77.6 116.4

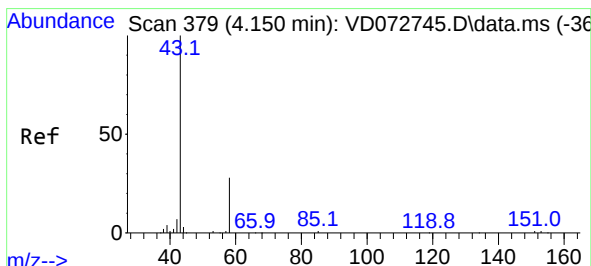
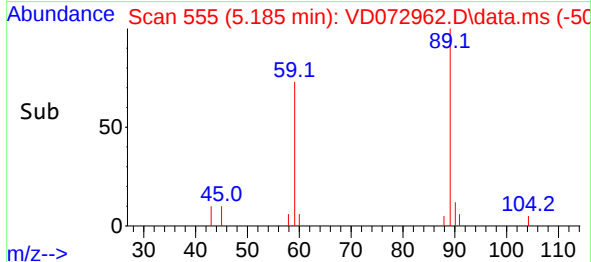
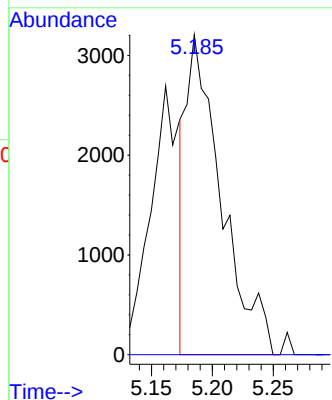
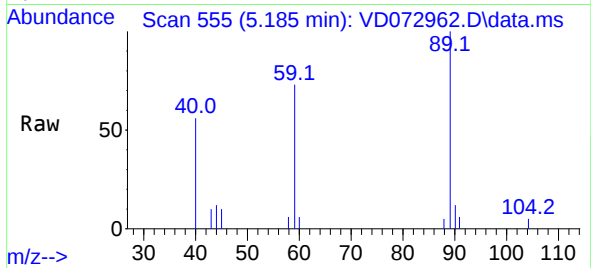




#11
Tert butyl alcohol
Concen: 18.092 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

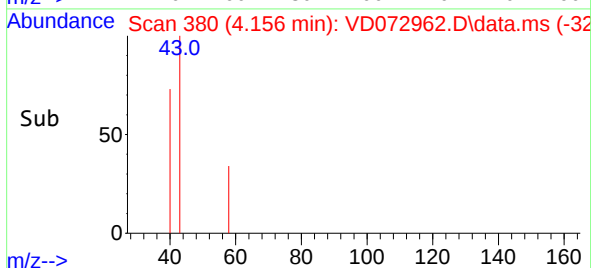
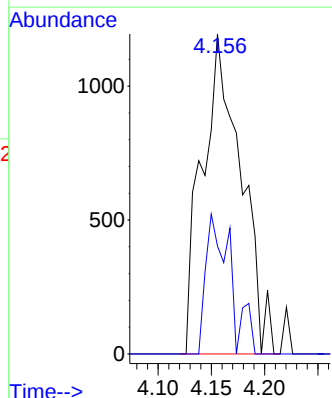
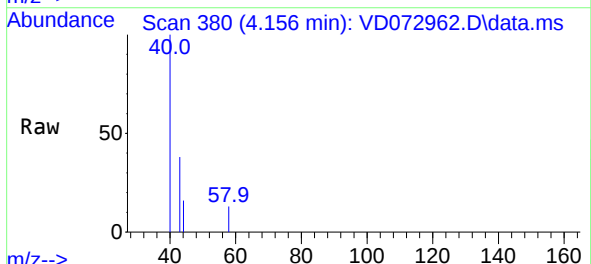
Instrument :
MSVOA_D
ClientSampleId :
P007-SS020-0006-01

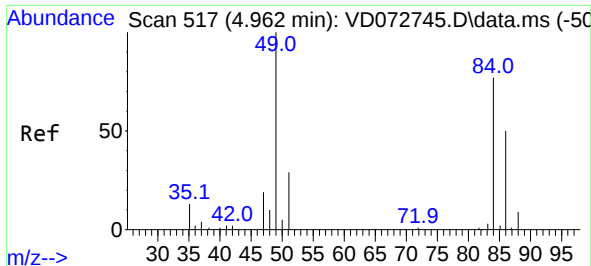
Tgt Ion: 59 Resp: 6416
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Tgt Ion: 43 Resp: 3030
Ion Ratio Lower Upper
43 100
58 33.7 22.1 33.1#



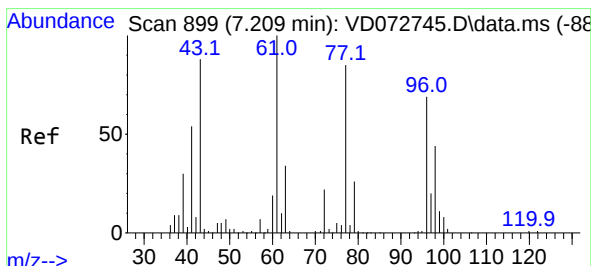
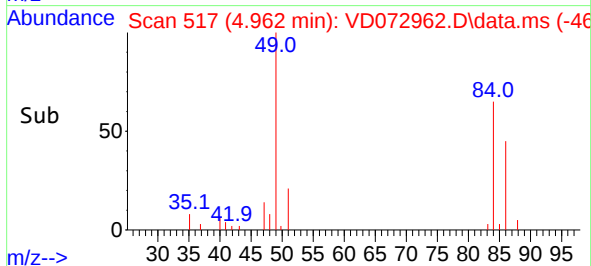
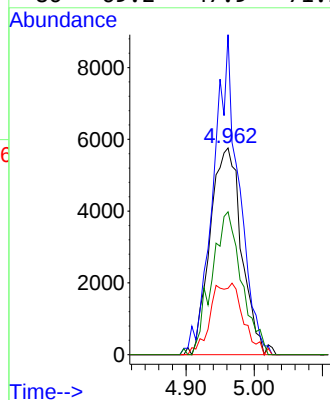
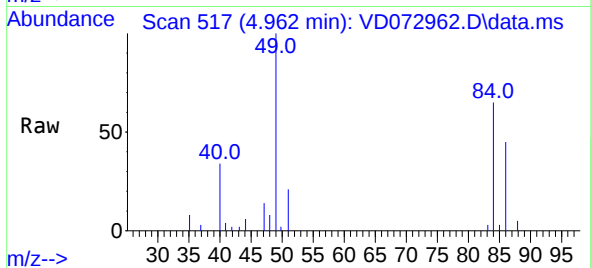


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Instrument :
MSVOA_D
ClientSampleId :
P007-SS020-0006-01

Tgt Ion: 84 Resp: 18508

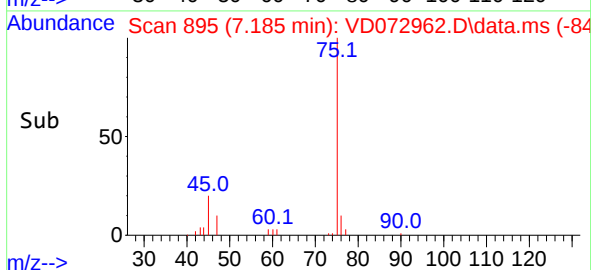
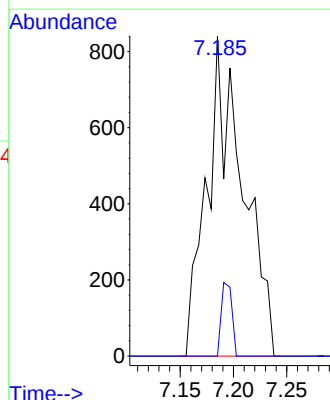
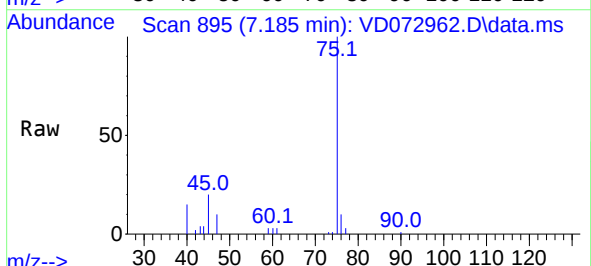
Ion	Ratio	Lower	Upper
84	100		
49	154.8	112.8	169.2
51	32.2	32.6	48.8#
86	69.2	47.9	71.9

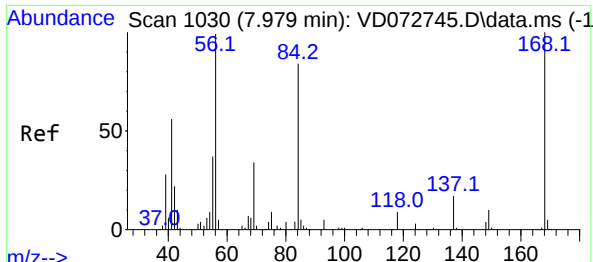


#25
2-Butanone
Concen: 1.654 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Tgt Ion: 43 Resp: 1975

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

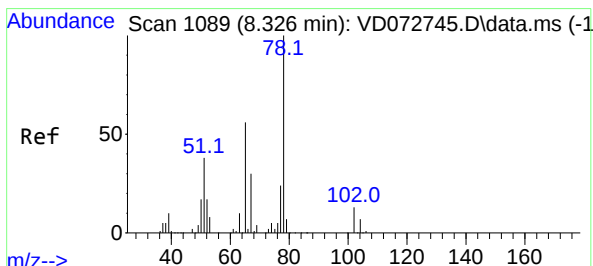
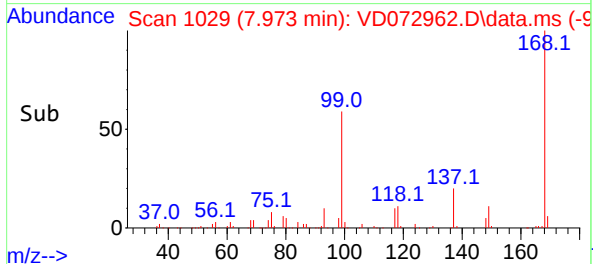
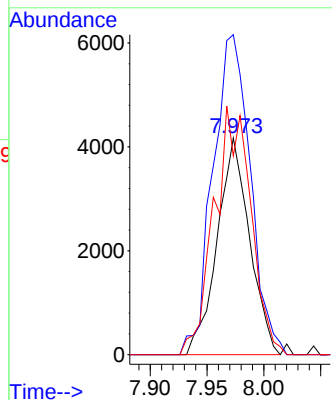
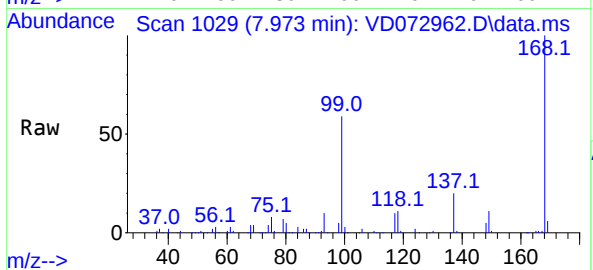




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

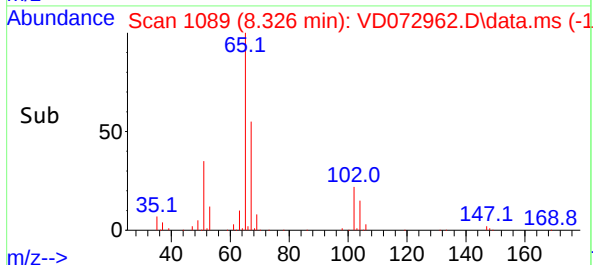
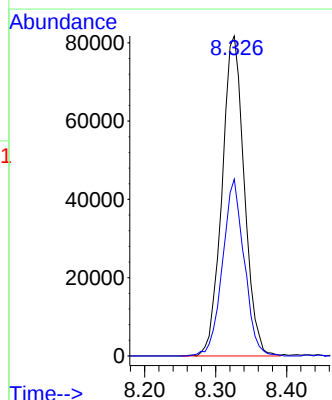
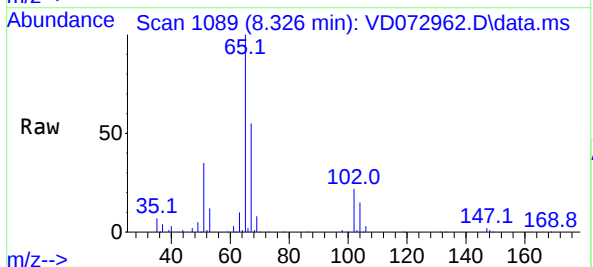
Instrument :
MSVOA_D
ClientSampleId :
P007-SS020-0006-01

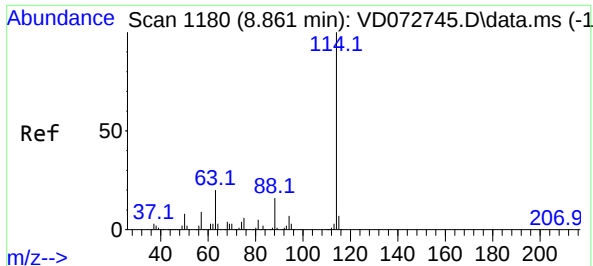
Tgt Ion: 56 Resp: 8262
Ion Ratio Lower Upper
56 100
69 147.7 25.4 38.2#
84 91.7 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 43.434 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Tgt Ion: 65 Resp: 178021
Ion Ratio Lower Upper
65 100
67 53.7 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: VD072962.D

Acq: 12 May 2022 22:11

Instrument :

MSVOA_D

ClientSampleId :

P007-SS020-0006-01

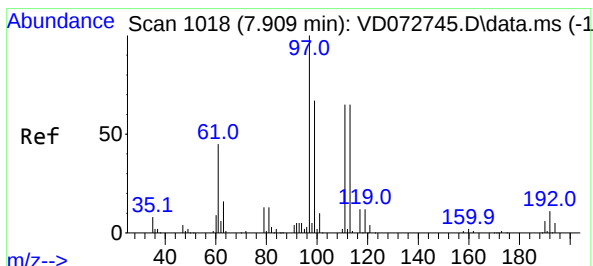
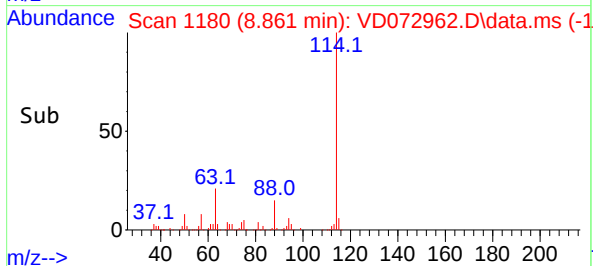
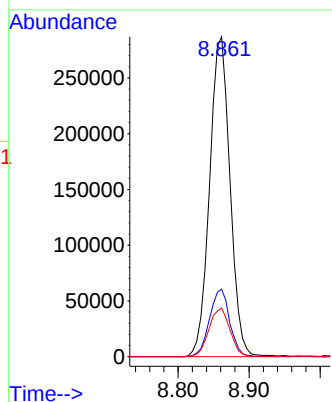
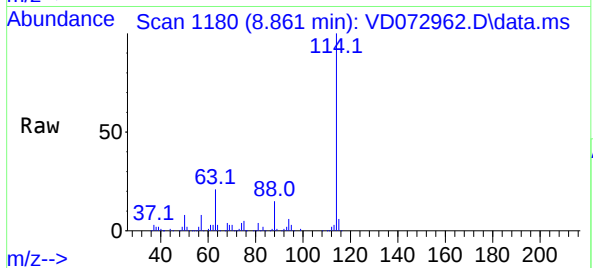
Tgt Ion:114 Resp: 573282

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.907 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072962.D

Acq: 12 May 2022 22:11

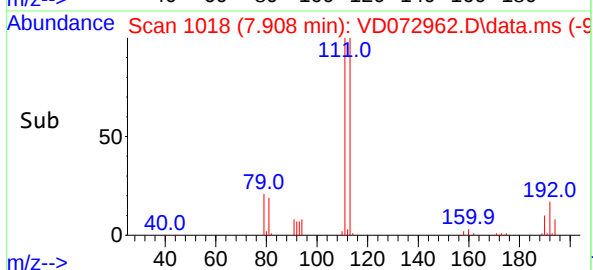
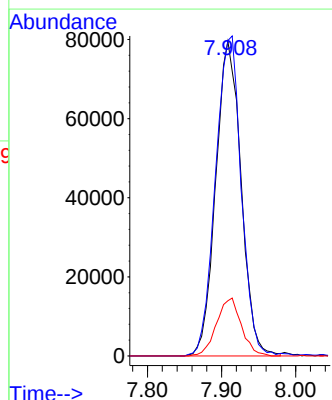
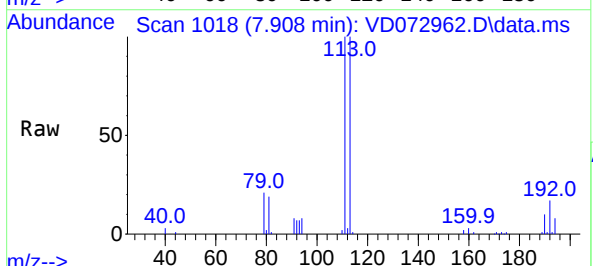
Tgt Ion:113 Resp: 188857

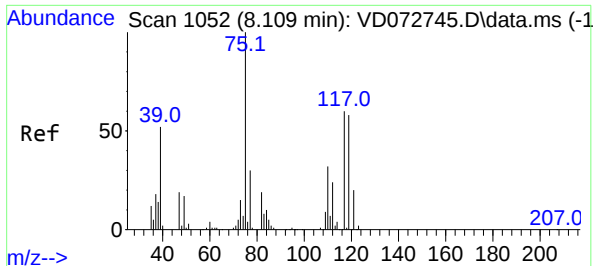
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.234 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD072962.D

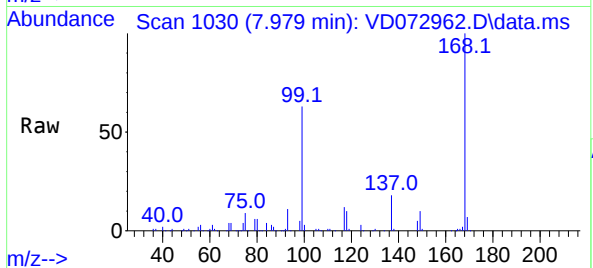
Acq: 12 May 2022 22:11

Instrument :

MSVOA_D

ClientSampleId :

P007-SS020-0006-01



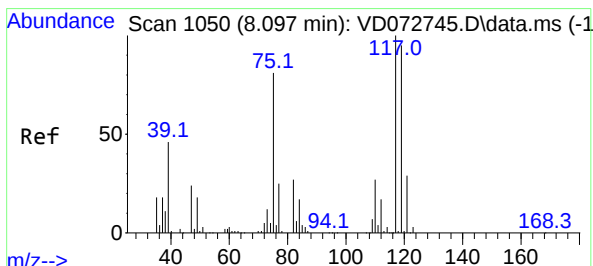
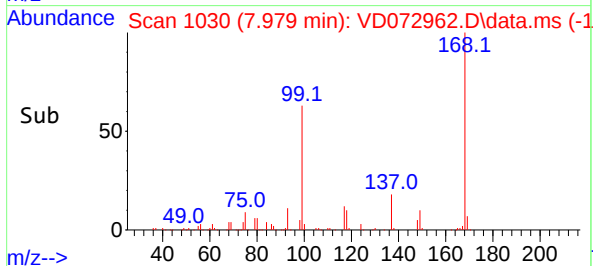
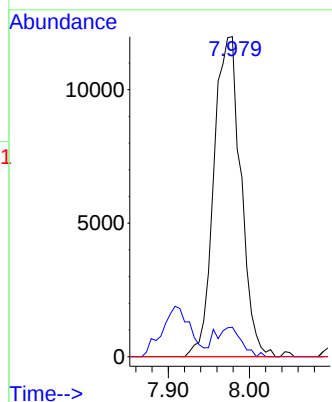
Tgt Ion: 75 Resp: 27716

Ion Ratio Lower Upper

75 100

110 9.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.097 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072962.D

Acq: 12 May 2022 22:11

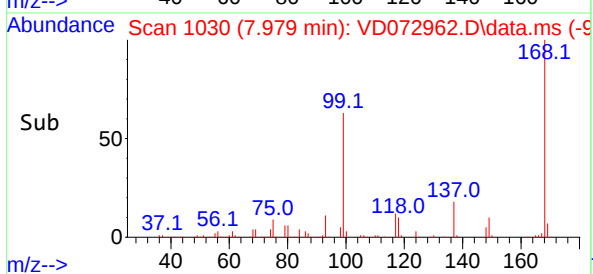
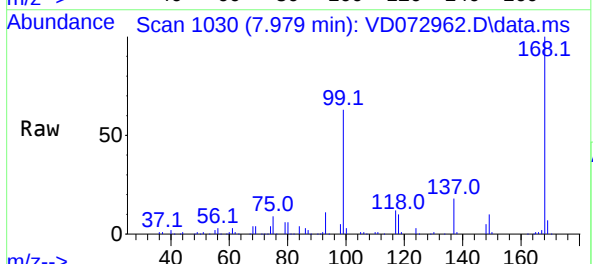
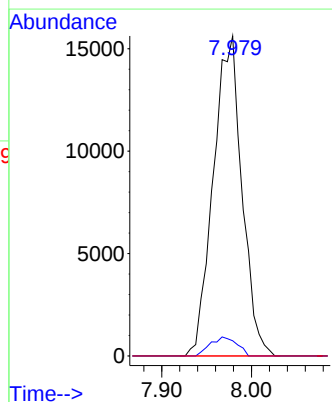
Tgt Ion: 117 Resp: 34639

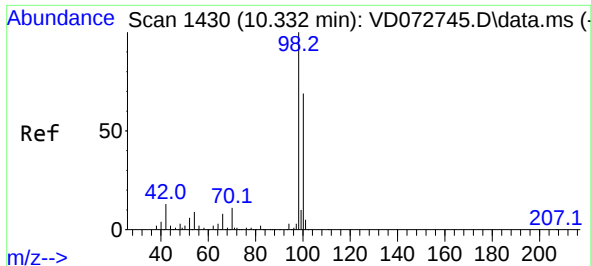
Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

121 0.0 24.5 36.7#

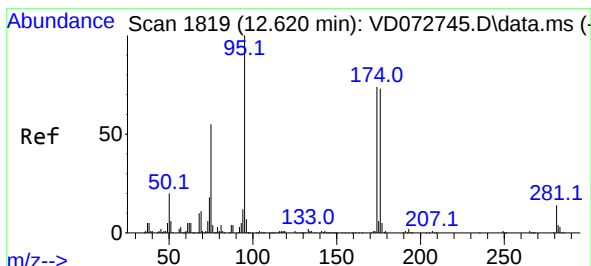
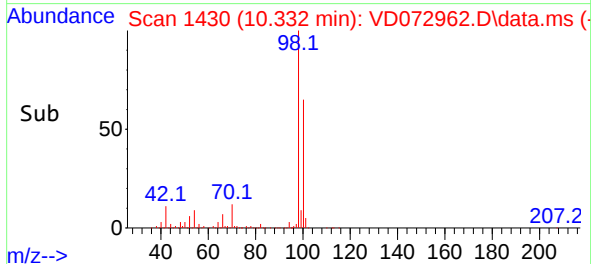
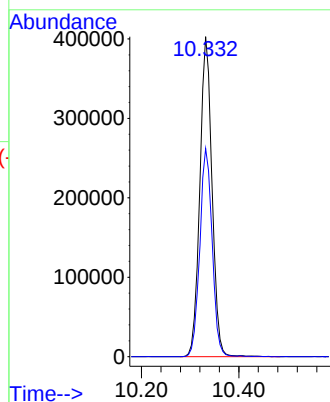
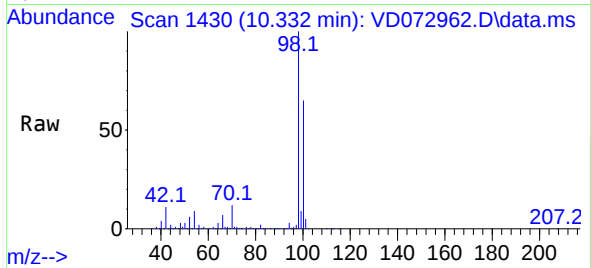




#50
Toluene-d8
Concen: 48.392 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

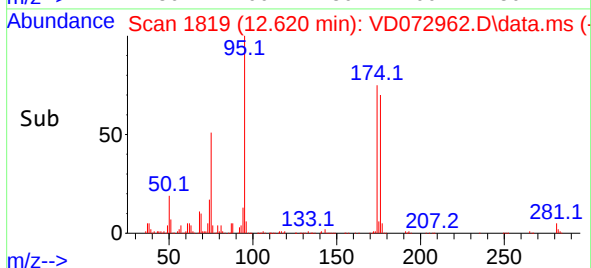
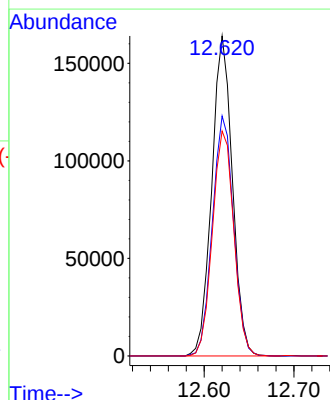
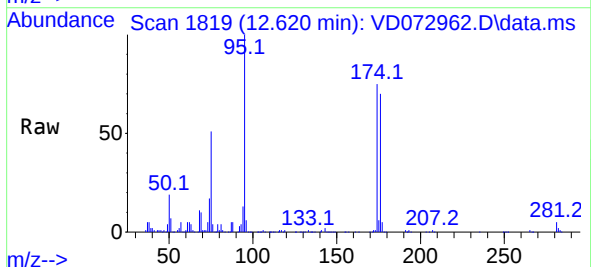
Instrument :
MSVOA_D
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P007-SS020-0006-01

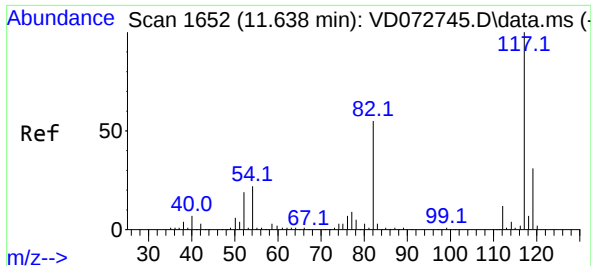
Tgt Ion: 98 Resp: 698899
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.578 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Tgt Ion: 95 Resp: 261604
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 72.9 0.0 145.4

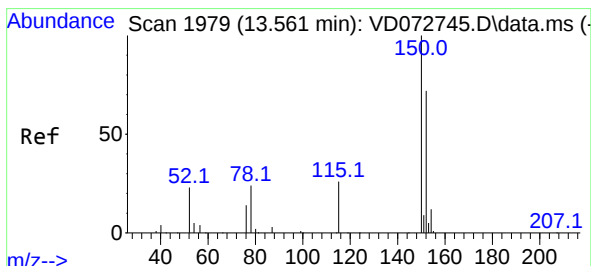
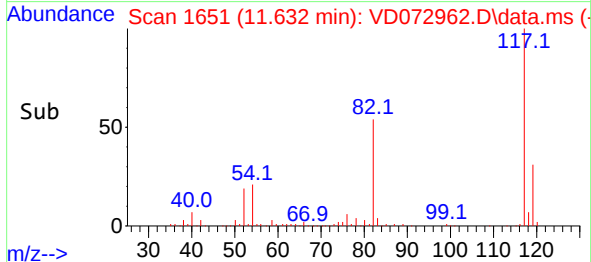
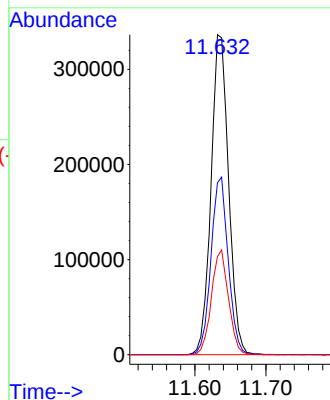
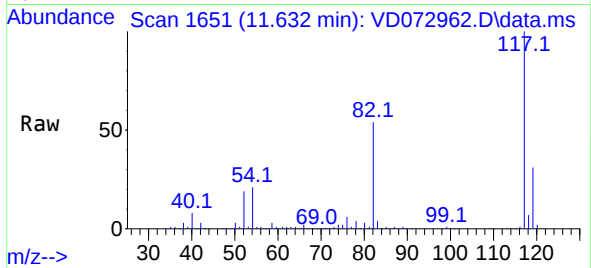




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

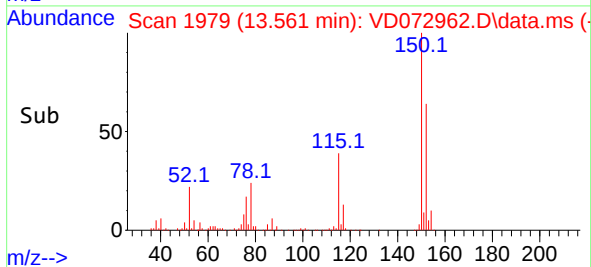
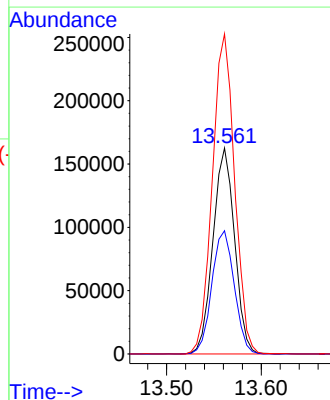
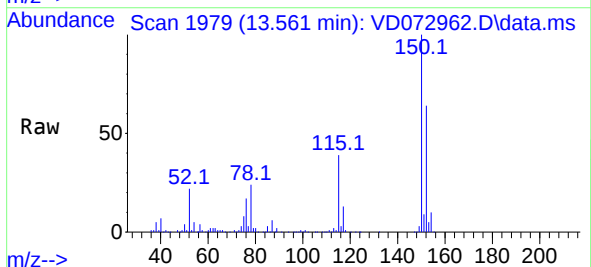
Instrument :
MSVOA_D
ClientSampleId :
P007-SS020-0006-01

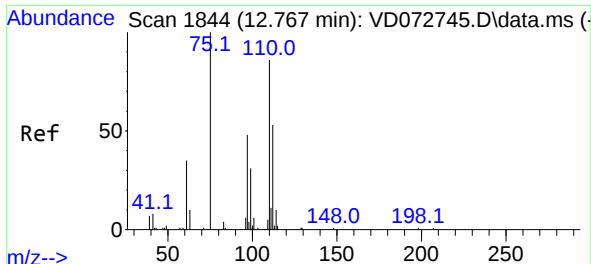
Tgt Ion:117 Resp: 576780
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 30.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Tgt Ion:152 Resp: 258645
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 159.8 0.0 348.6

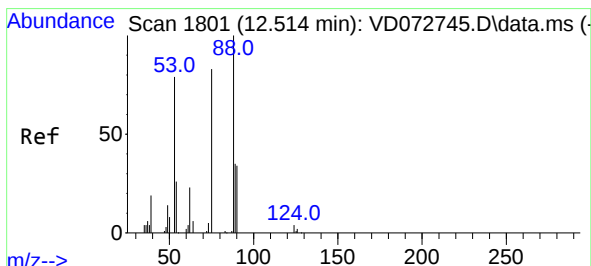
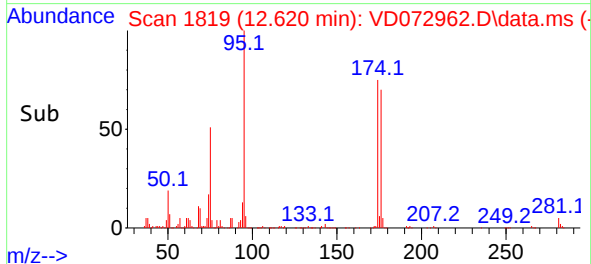
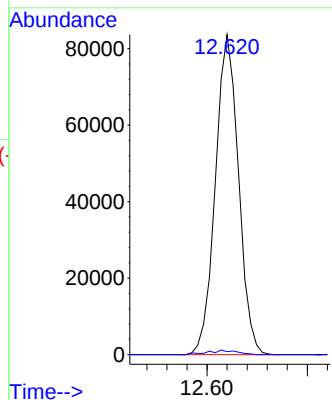
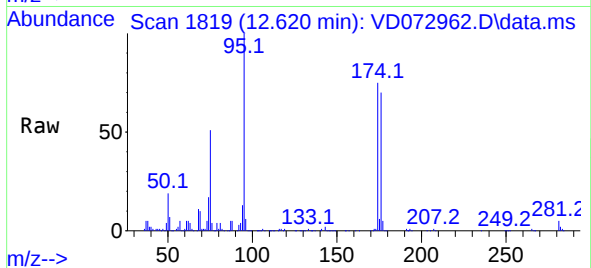




#76
1,2,3-Trichloropropane
Concen: 46.448 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Instrument :
MSVOA_D
ClientSampleId :
P007-SS020-0006-01

Tgt Ion: 75 Resp: 133960
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.812 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Tgt Ion: 75 Resp: 133960
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

