

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072961.D
 Acq On : 12 May 2022 21:42
 Operator : VA/SY
 Sample : N2817-03
 Misc : 4.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS019-0006-01

Quant Time: May 13 05:58:49 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)

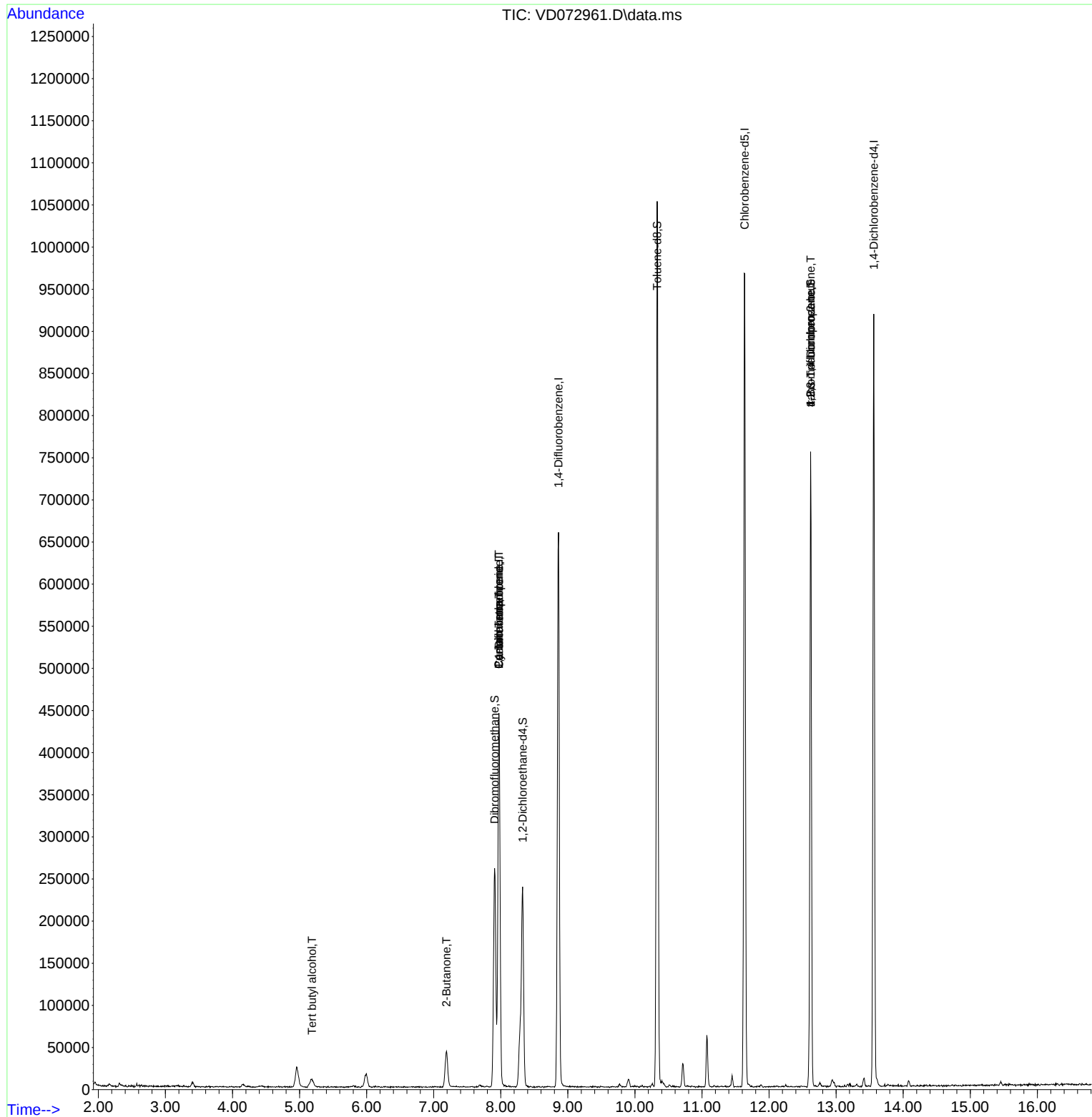
Internal Standards						
1) Pentafluorobenzene	7.973	168	321158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	562443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183481	44.012	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.020%		
35) Dibromofluoromethane	7.908	113	191066	48.002	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.000%		
50) Toluene-d8	10.332	98	696077	48.752	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.500%		
62) 4-Bromofluorobenzene	12.620	95	238106	44.724	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.440%		
Target Compounds						
5) Bromomethane	2.773	94	483	Below Cal	Qvalue 94	
11) Tert butyl alcohol	5.185	59	9554	26.488 ug/l #	74	
16) Acetone	4.150	43	5527	Below Cal #	69	
18) Methyl Acetate	4.767	43	67	Below Cal #	55	
20) Methylene Chloride	4.955	84	17432	Below Cal #	78	
25) 2-Butanone	7.191	43	2418	1.991 ug/l	98	
31) Cyclohexane	7.973	56	7343	1.008 ug/l #	1	
36) 1,1-Dichloropropene	7.973	75	27172	4.198 ug/l #	52	
38) Carbon Tetrachloride	7.973	117	33067	4.922 ug/l #	21	
76) 1,2,3-Trichloropropane	12.620	75	124044	46.322 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.620	75	124044	106.521 ug/l #	7	

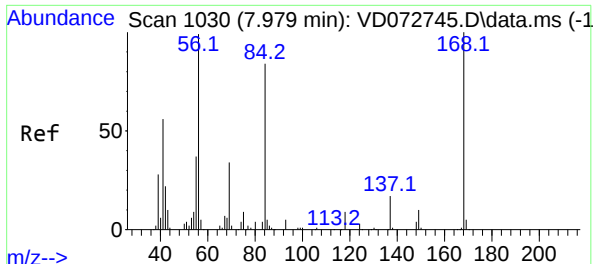
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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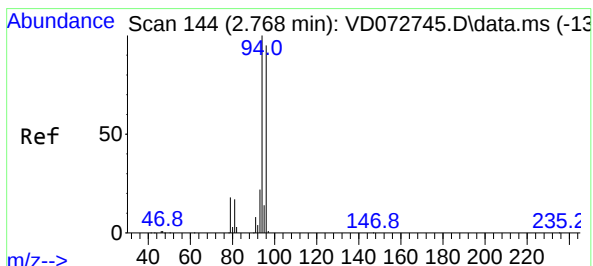
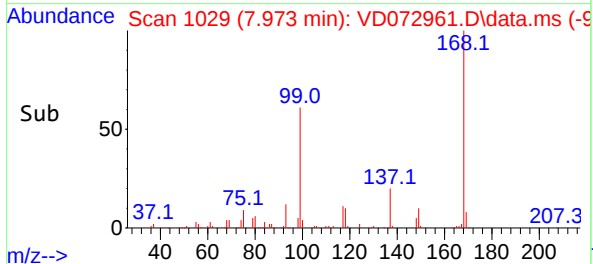
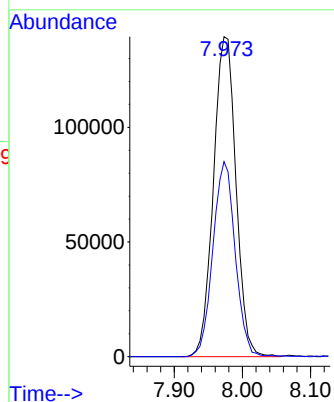
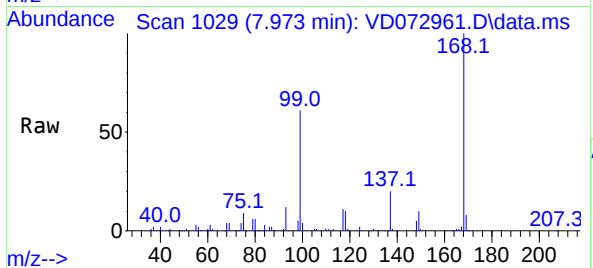




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

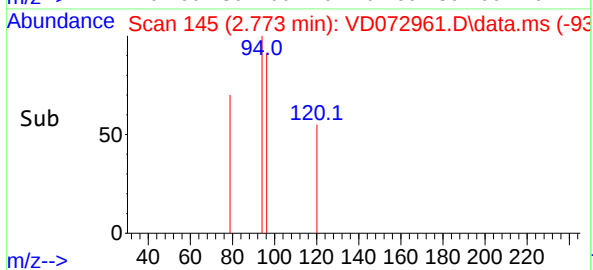
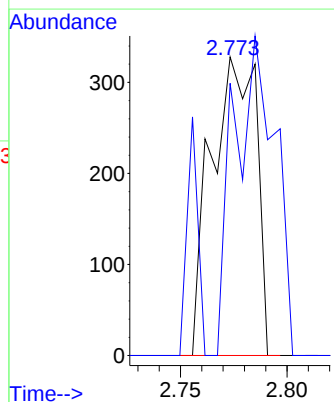
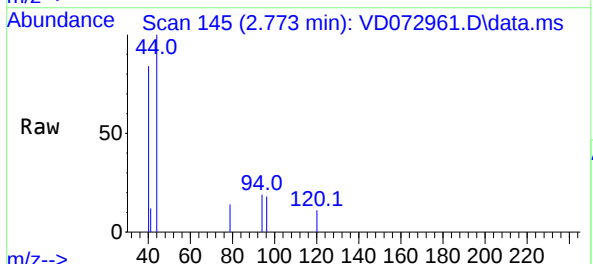
Instrument :
MSVOA_D
ClientSampleId :
P007-SS019-0006-01

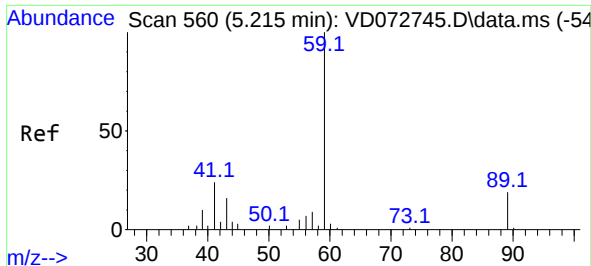
Tgt Ion:168 Resp: 321158
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Tgt Ion: 94 Resp: 483
Ion Ratio Lower Upper
94 100
96 91.2 77.6 116.4

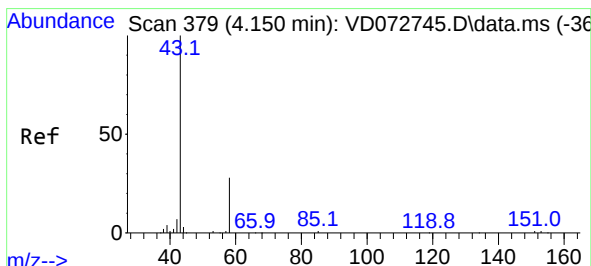
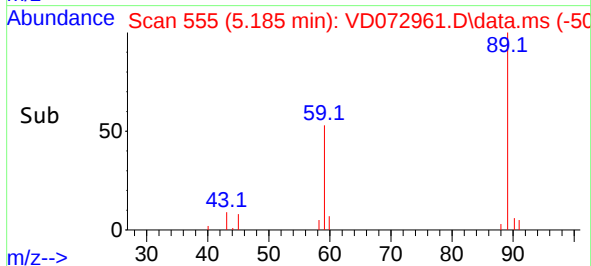
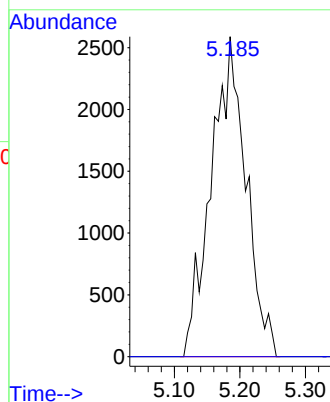
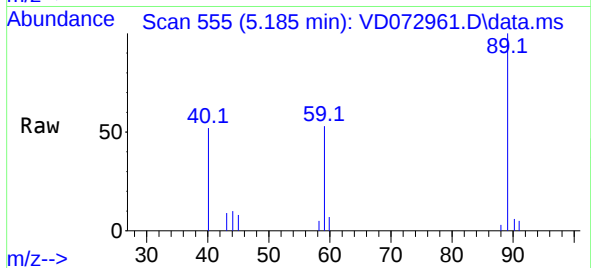




#11
Tert butyl alcohol
Concen: 26.488 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

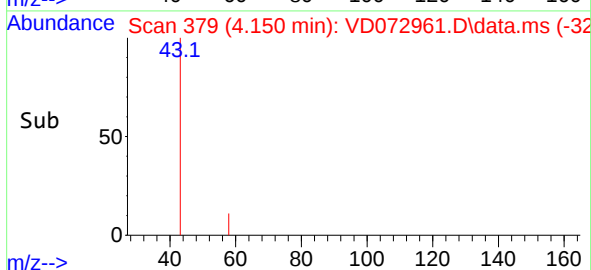
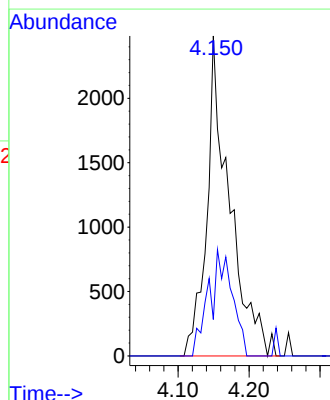
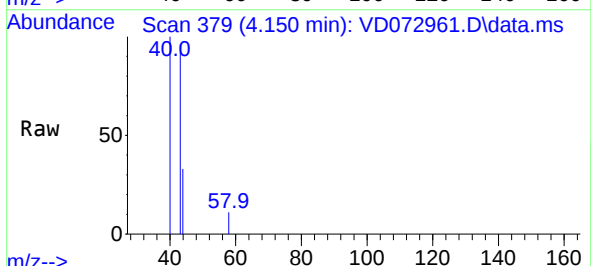
Instrument :
MSVOA_D
ClientSampleId :
P007-SS019-0006-01

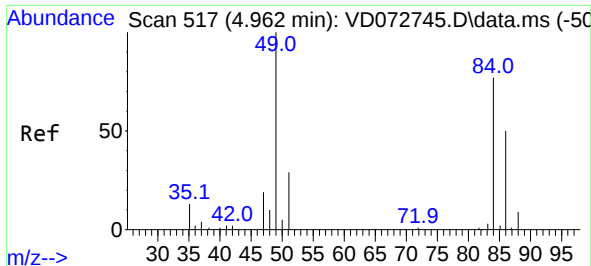
Tgt Ion: 59 Resp: 9554
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

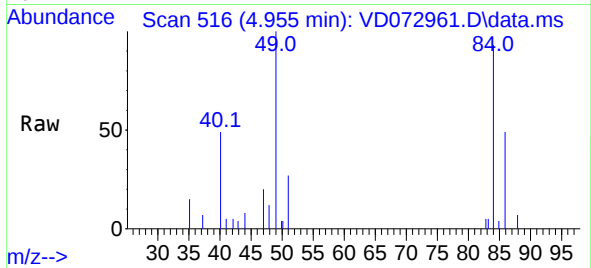
Tgt Ion: 43 Resp: 5527
Ion Ratio Lower Upper
43 100
58 11.4 22.1 33.1#





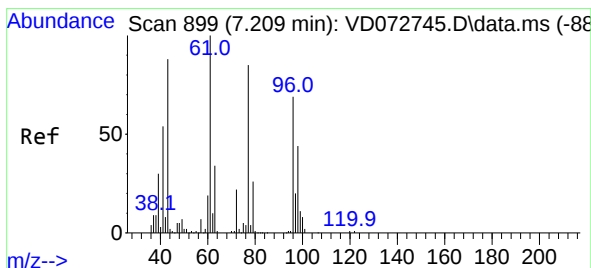
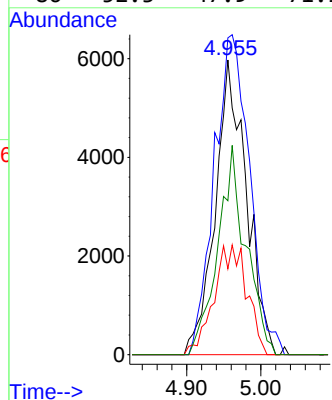
#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Instrument :
MSVOA_D
ClientSampleId :
P007-SS019-0006-01



Tgt Ion: 84 Resp: 17432

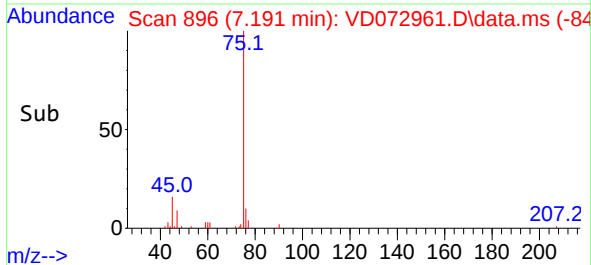
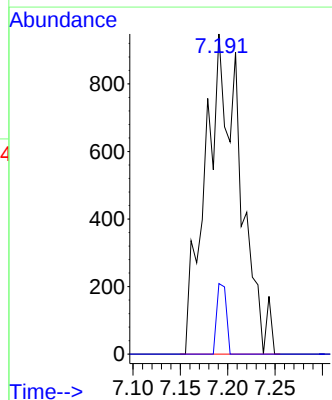
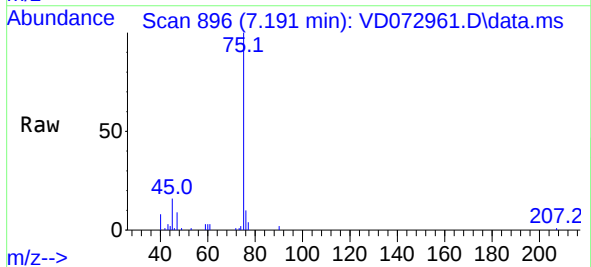
Ion	Ratio	Lower	Upper
84	100		
49	107.5	112.8	169.2#
51	29.1	32.6	48.8#
86	52.3	47.9	71.9

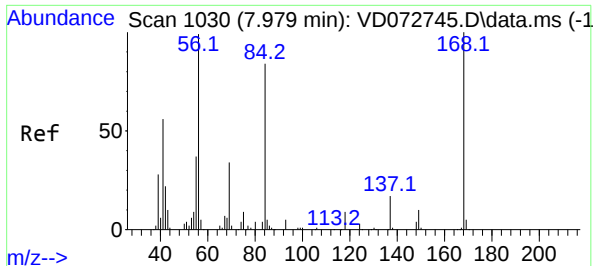


#25
2-Butanone
Concen: 1.991 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Tgt Ion: 43 Resp: 2418

Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.6	27.8





#31

Cyclohexane

Concen: 1.008 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072961.D

Acq: 12 May 2022 21:42

Instrument :

MSVOA_D

ClientSampleId :

P007-SS019-0006-01

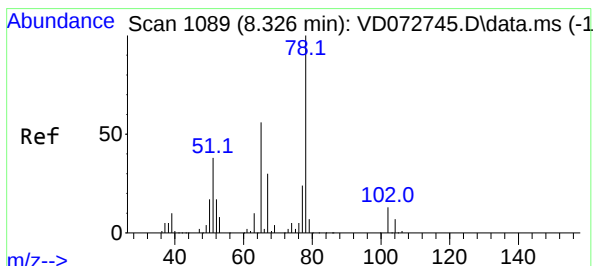
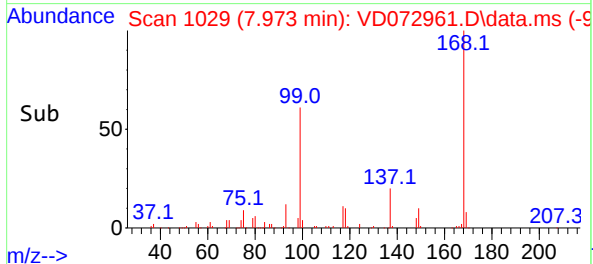
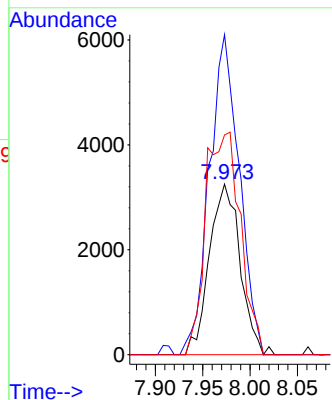
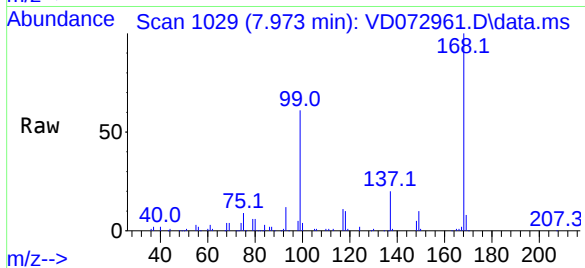
Tgt Ion: 56 Resp: 7343

Ion Ratio Lower Upper

56 100

69 187.7 25.4 38.2#

84 128.8 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 44.012 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072961.D

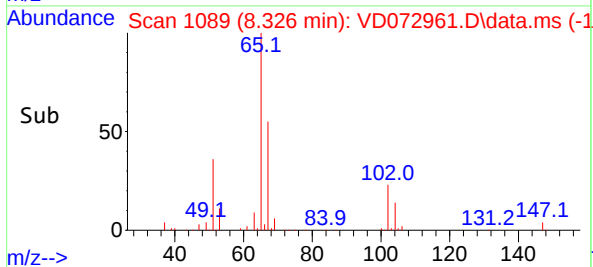
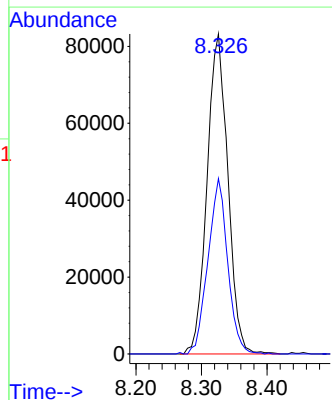
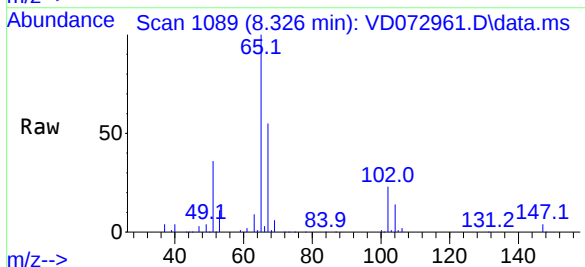
Acq: 12 May 2022 21:42

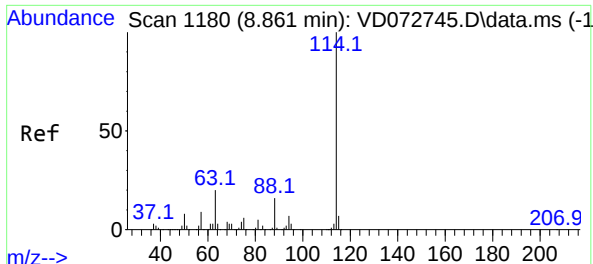
Tgt Ion: 65 Resp: 183481

Ion Ratio Lower Upper

65 100

67 52.1 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: VD072961.D

Acq: 12 May 2022 21:42

Instrument :

MSVOA_D

ClientSampleId :

P007-SS019-0006-01

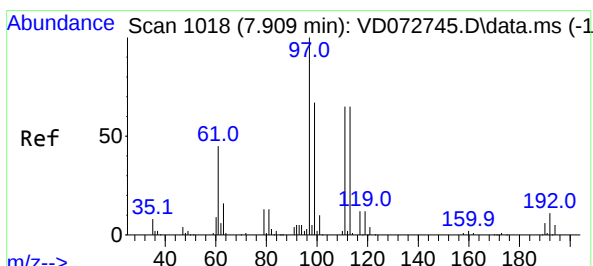
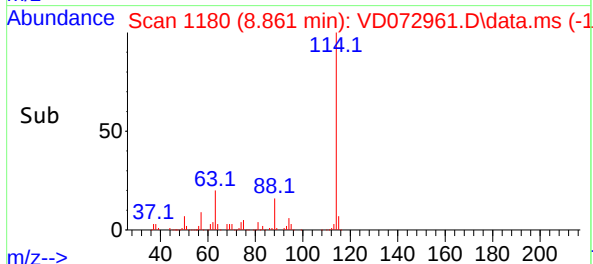
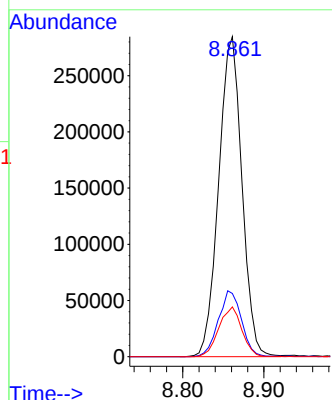
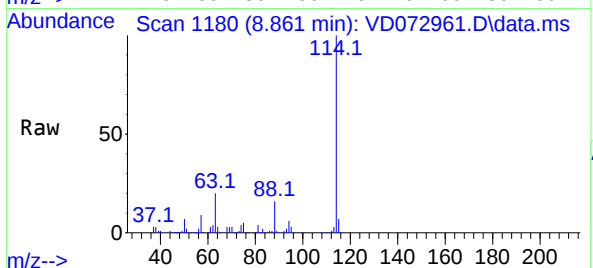
Tgt Ion:114 Resp: 566751

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.002 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072961.D

Acq: 12 May 2022 21:42

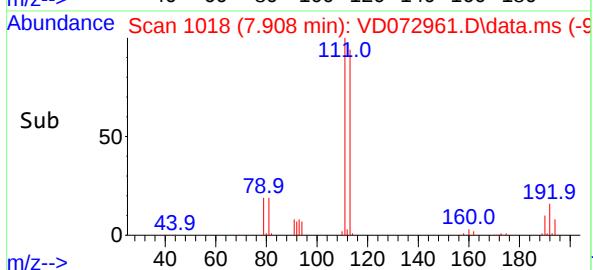
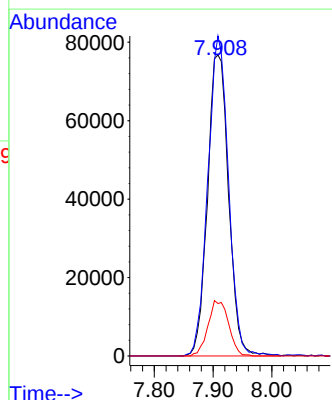
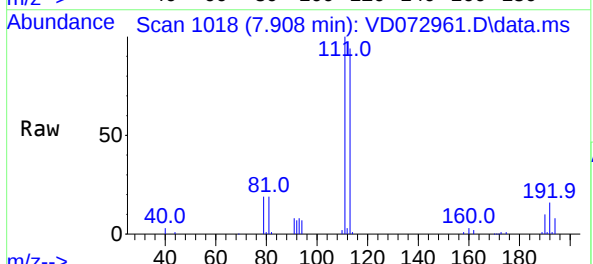
Tgt Ion:113 Resp: 191066

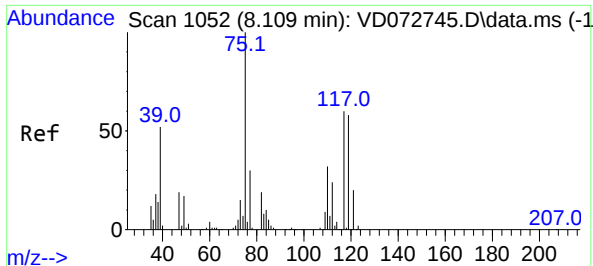
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.198 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072961.D

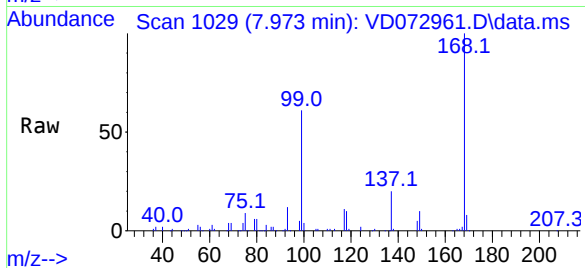
Acq: 12 May 2022 21:42

Instrument :

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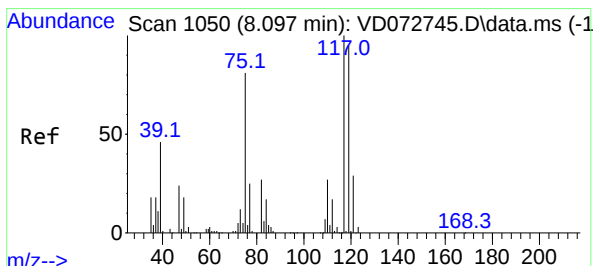
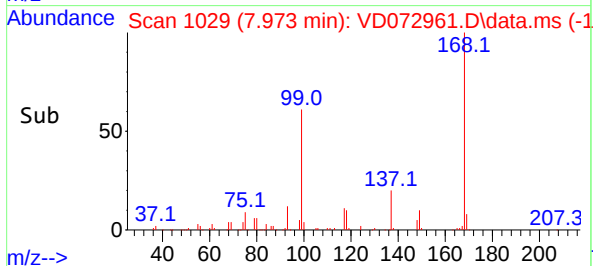
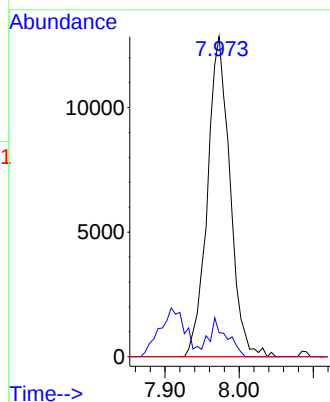
Tgt Ion: 75 Resp: 27172

Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.922 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072961.D

Acq: 12 May 2022 21:42

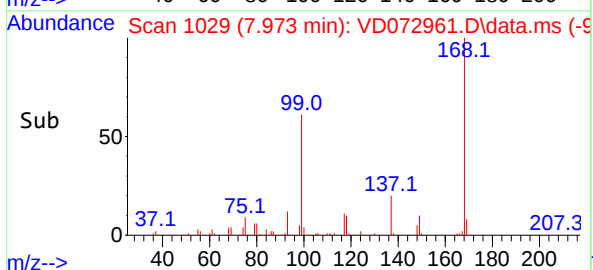
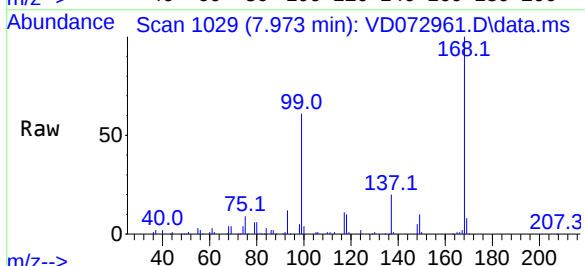
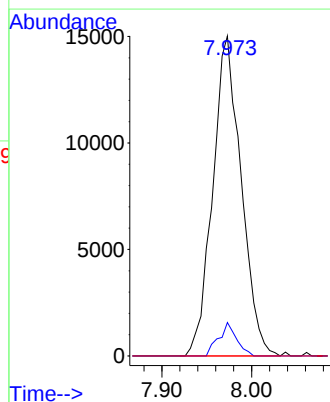
Tgt Ion: 117 Resp: 33067

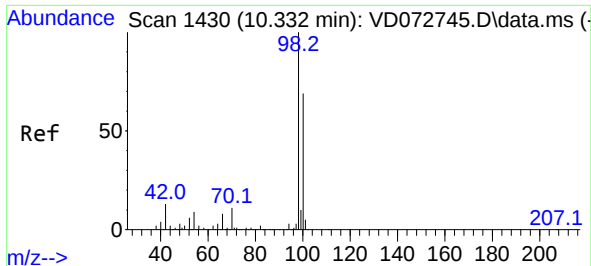
Ion Ratio Lower Upper

117 100

119 10.5 75.8 113.6#

121 0.0 24.5 36.7#

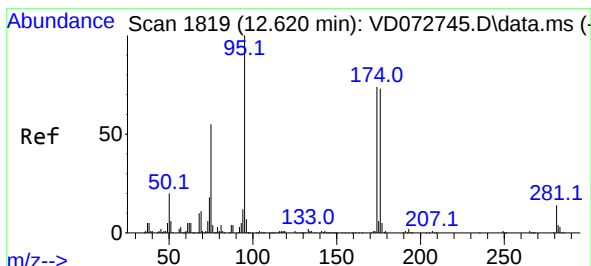
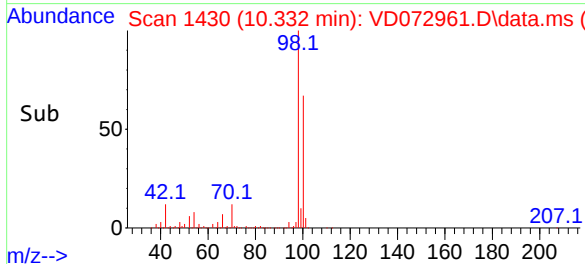
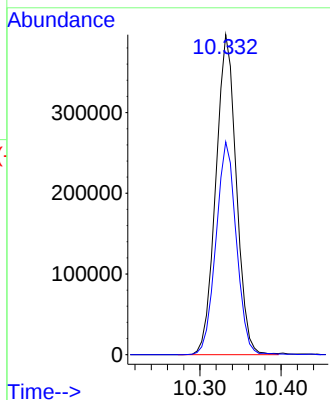
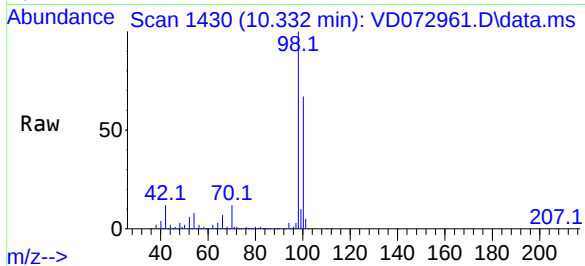




#50
Toluene-d8
Concen: 48.752 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

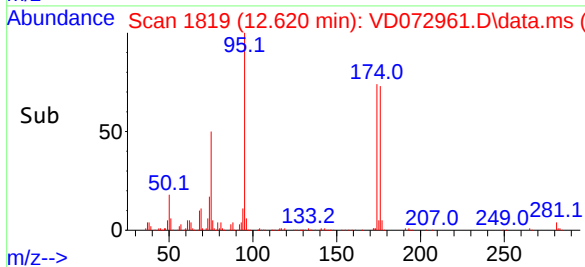
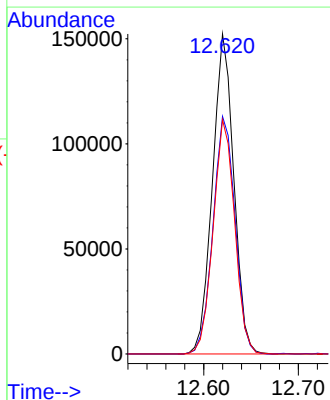
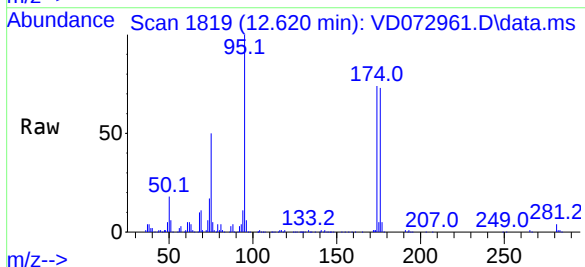
Instrument :
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P007-SS019-0006-01

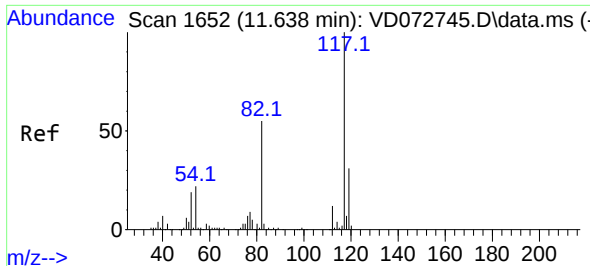
Tgt Ion: 98 Resp: 696077
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.724 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

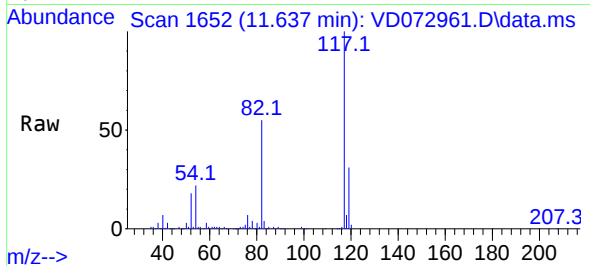
Tgt Ion: 95 Resp: 238106
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.8 0.0 145.4



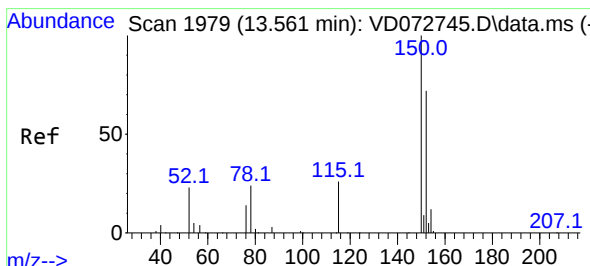
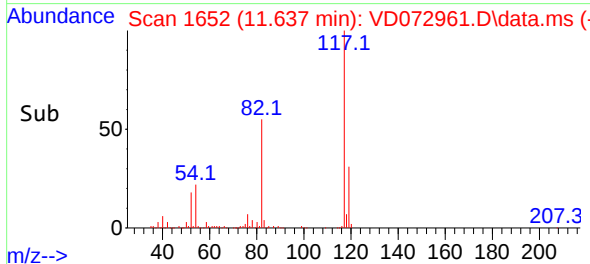
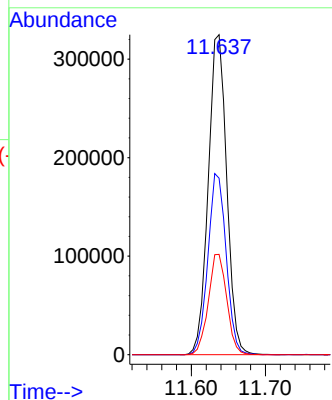


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Instrument :
MSVOA_D
ClientSampleId :
P007-SS019-0006-01

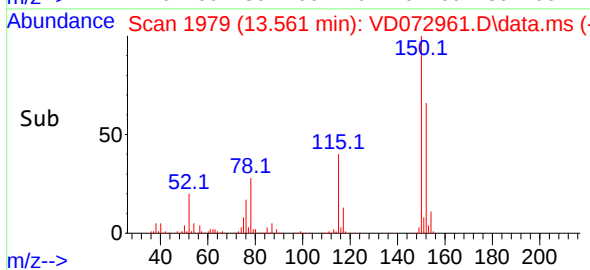
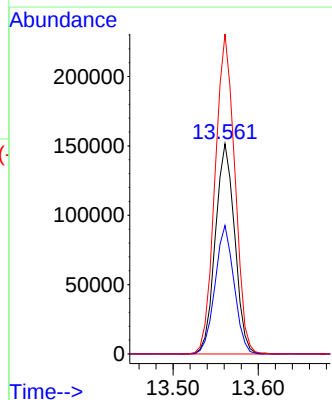
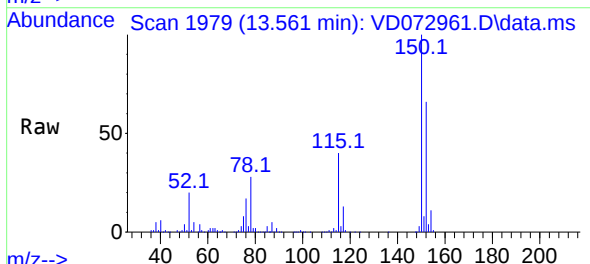


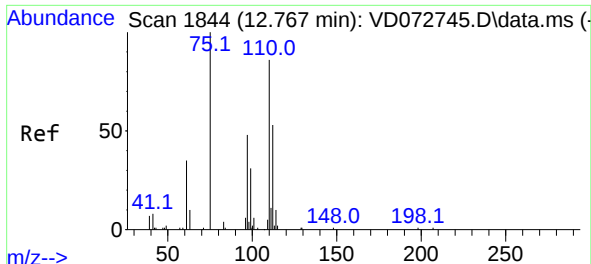
Tgt Ion:117 Resp: 562443
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Tgt Ion:152 Resp: 240155
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.3 0.0 348.6

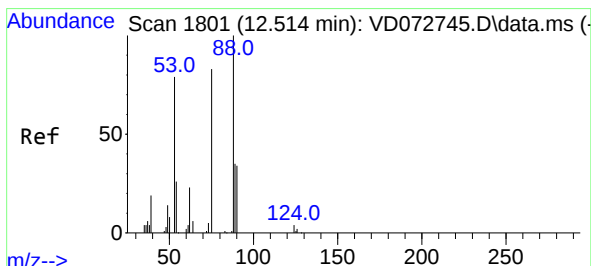
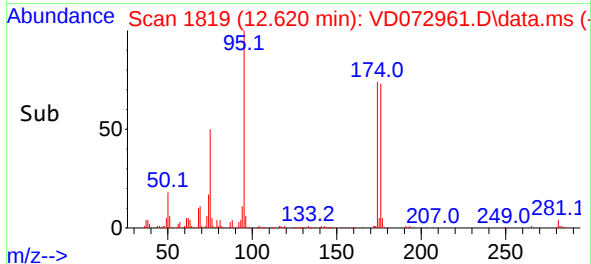
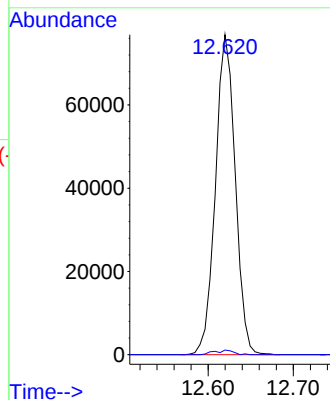
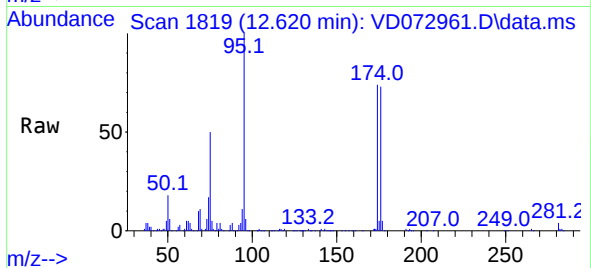




#76
1,2,3-Trichloropropane
Concen: 46.322 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Instrument :
MSVOA_D
ClientSampleId :
P007-SS019-0006-01

Tgt Ion: 75 Resp: 124044
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.521 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Tgt Ion: 75 Resp: 124044
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

