

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072848.D
 Acq On : 06 May 2022 13:37
 Operator : VA/SY
 Sample : N2675-01
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-1-050322

Quant Time: May 06 14:43:04 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)

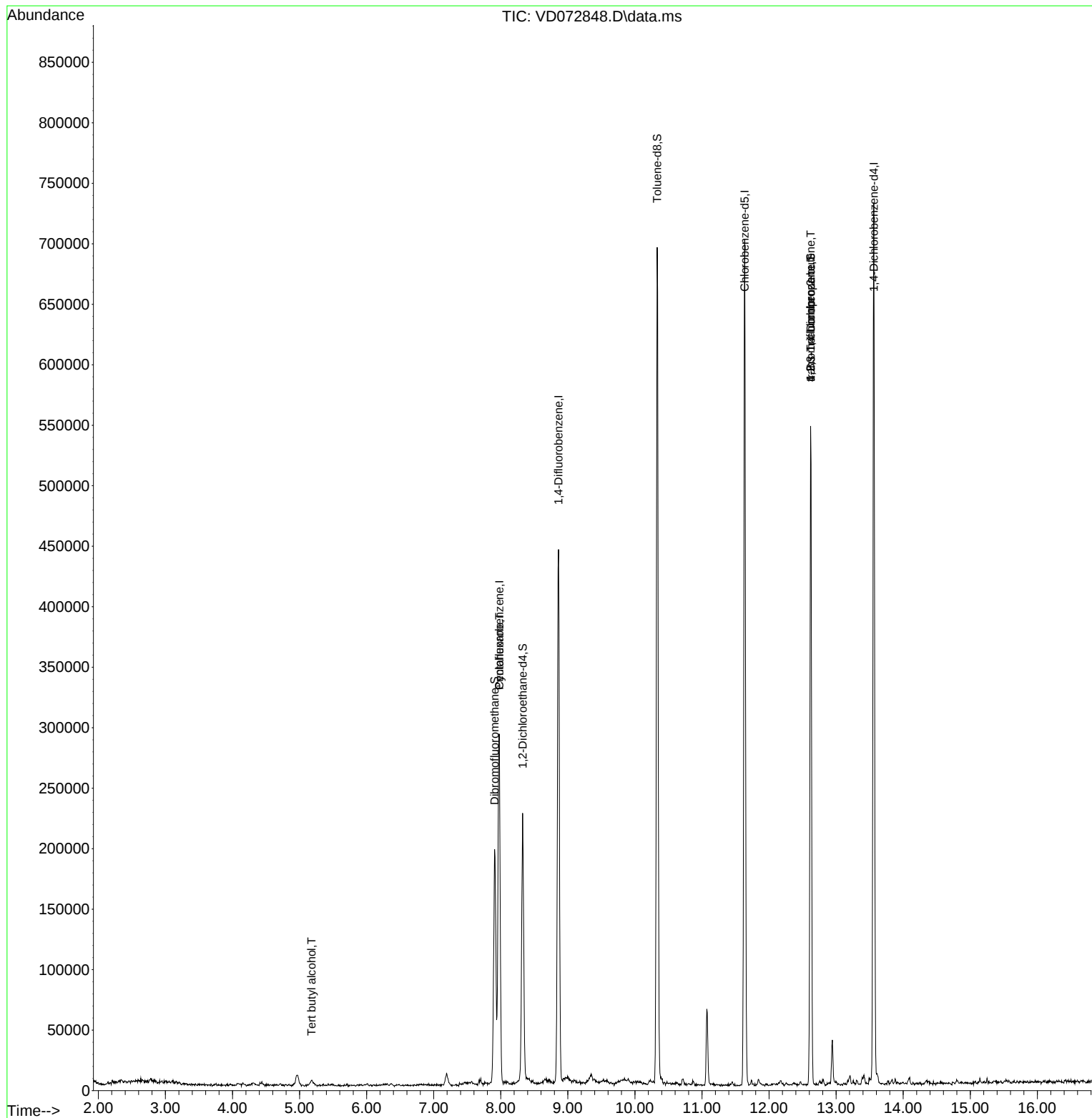
Internal Standards						
1) Pentafluorobenzene	7.979	168	202687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	373774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	389014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	182913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	164675	62.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.180%	
35) Dibromofluoromethane	7.908	113	136460	51.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.960%	
50) Toluene-d8	10.331	98	457795	48.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.240%	
62) 4-Bromofluorobenzene	12.620	95	181786	51.775	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	4529	19.896	ug/l #	74
16) Acetone	4.149	43	1669	Below Cal	#	84
18) Methyl Acetate	4.720	43	60	Below Cal	#	55
20) Methylene Chloride	4.955	84	7573	Below Cal	#	80
31) Cyclohexane	7.979	56	5477	1.191	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	91974	45.094	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	91974	103.698	ug/l #	7

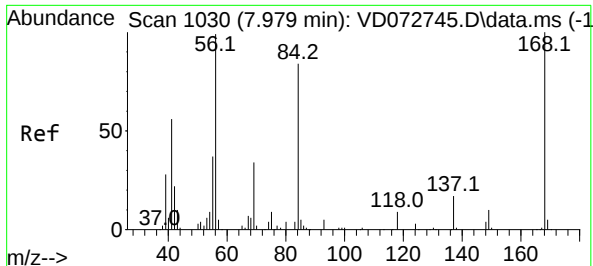
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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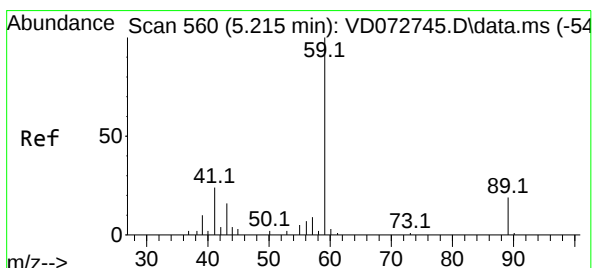
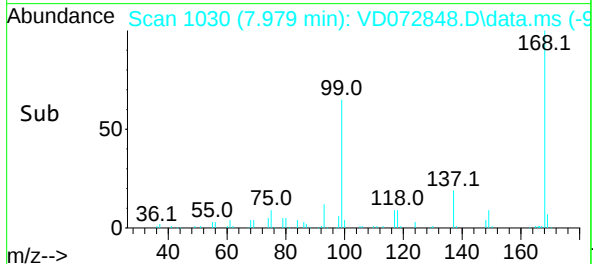
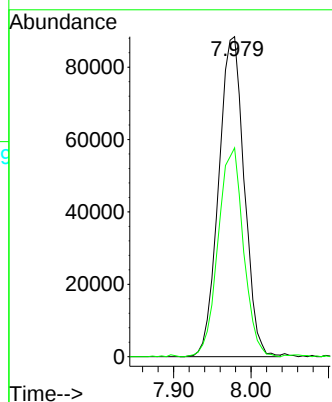
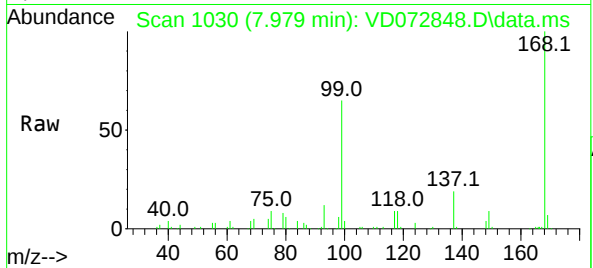




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

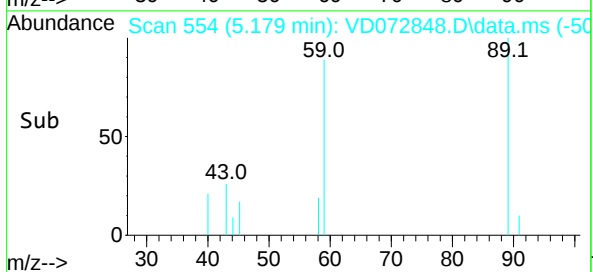
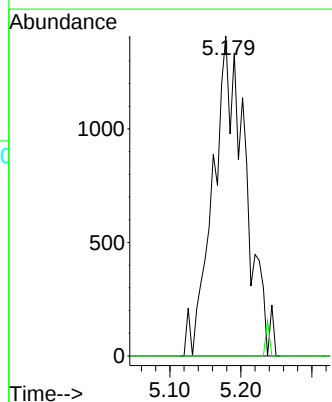
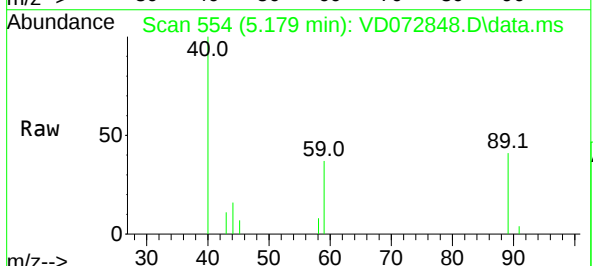
Instrument :
MSVOA_D
ClientSampleId :
BU-1-050322

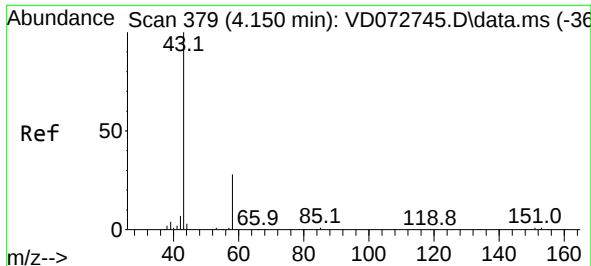
Tgt Ion:168 Resp: 202687
Ion Ratio Lower Upper
168 100
99 65.2 49.8 74.6



#11
Tert butyl alcohol
Concen: 19.896 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

Tgt Ion: 59 Resp: 4529
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

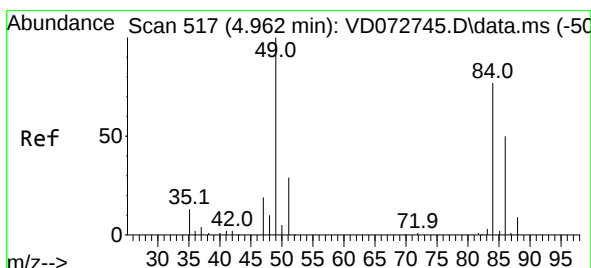
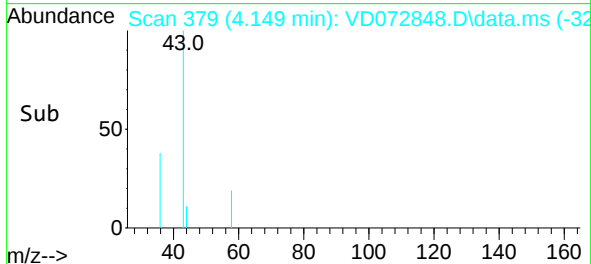
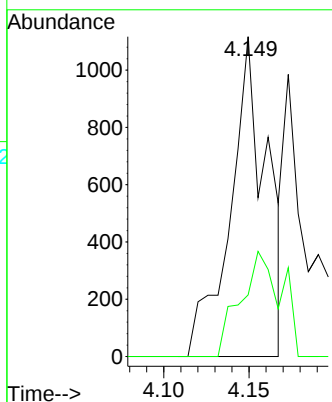
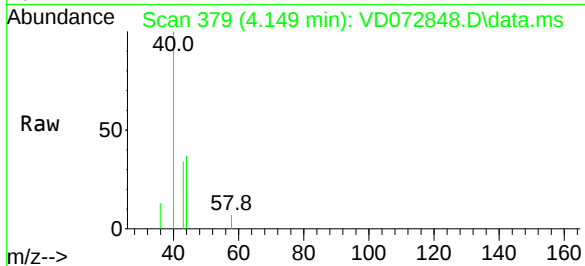




#16
Acetone
Concen: Below Cal
RT: 4.149 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

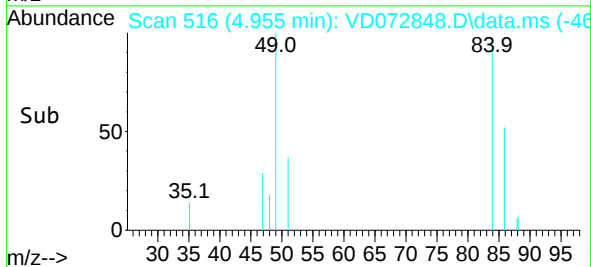
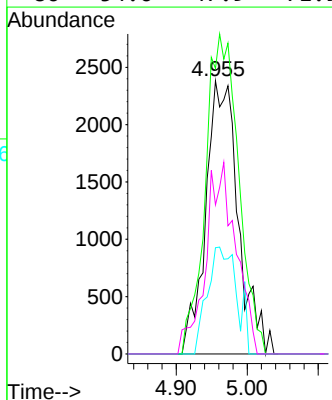
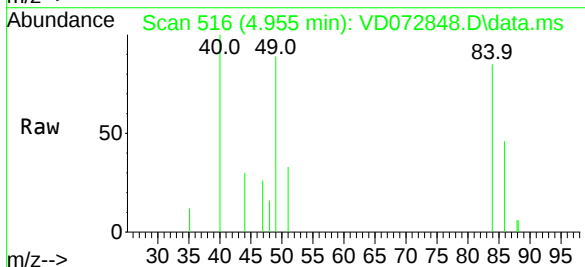
Instrument :
MSVOA_D
ClientSampleId :
BU-1-050322

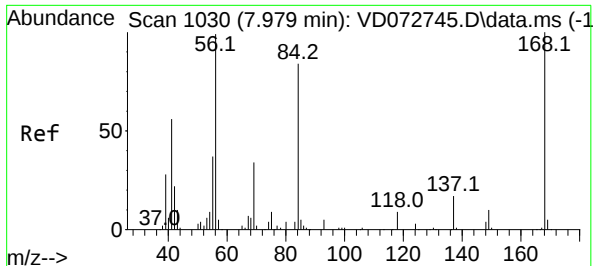
Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 19.2 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

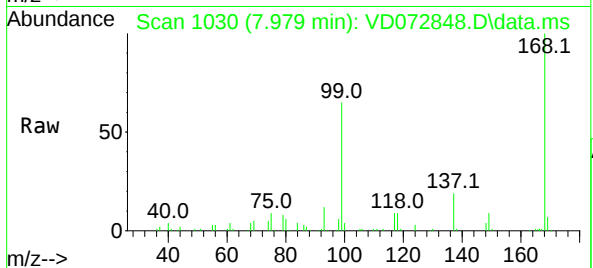
Tgt Ion: 84 Resp: 7573
Ion Ratio Lower Upper
84 100
49 104.5 112.8 169.2#
51 38.9 32.6 48.8
86 54.6 47.9 71.9



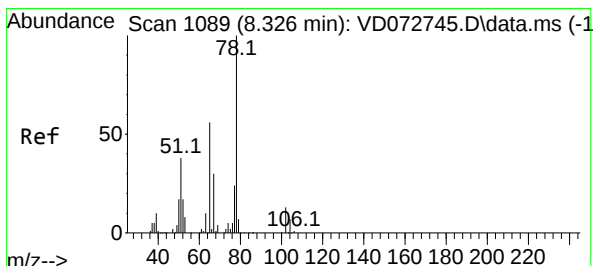
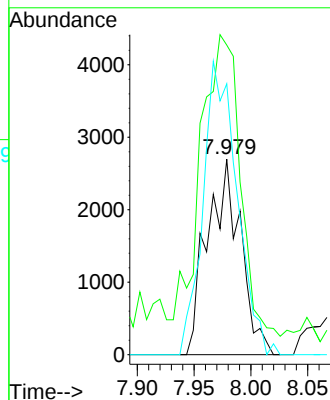
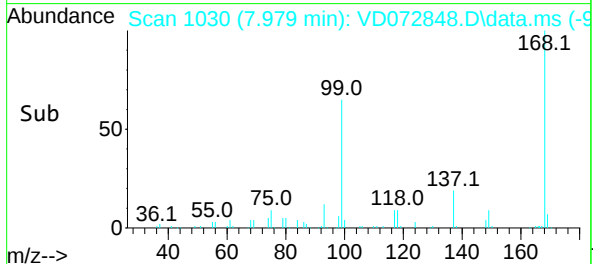


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

Instrument :
MSVOA_D
ClientSampleId :
BU-1-050322

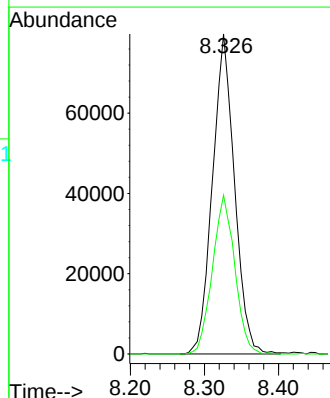
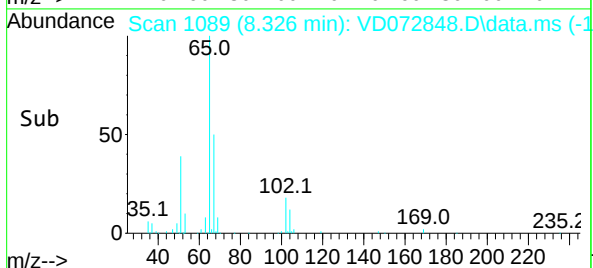
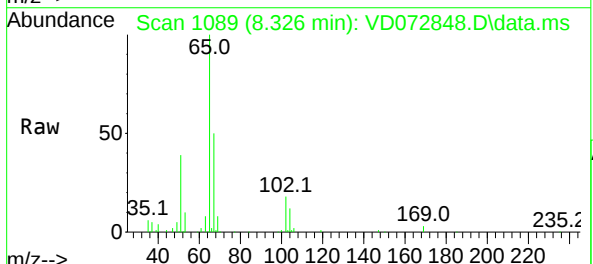


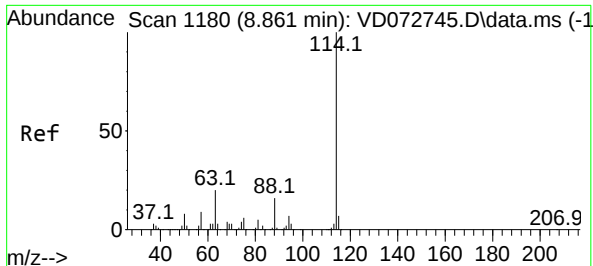
Tgt Ion: 56 Resp: 5477
Ion Ratio Lower Upper
56 100
69 148.9 25.4 38.2#
84 138.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 62.589 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

Tgt Ion: 65 Resp: 164675
Ion Ratio Lower Upper
65 100
67 50.3 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: VD072848.D

Acq: 06 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

BU-1-050322

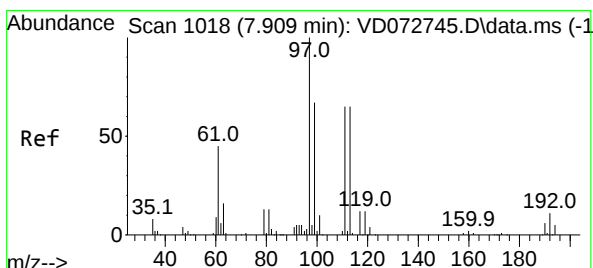
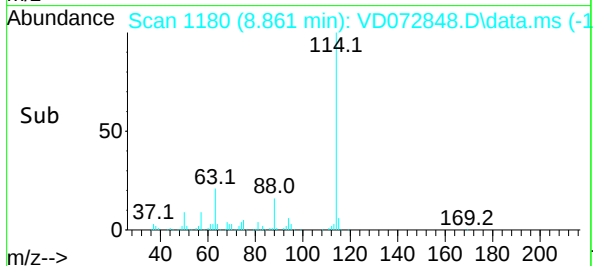
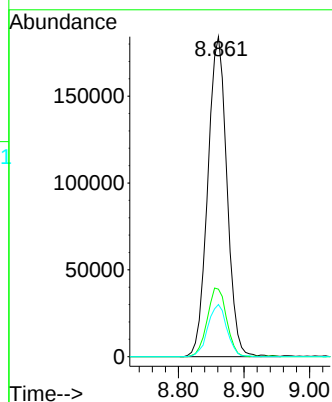
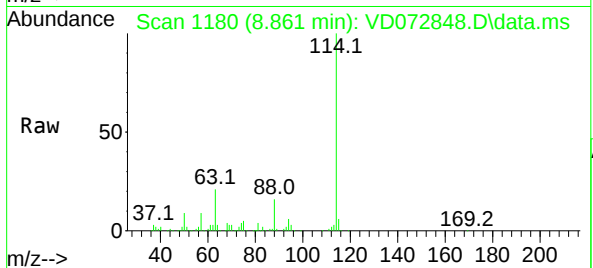
Tgt Ion:114 Resp: 373774

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.984 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072848.D

Acq: 06 May 2022 13:37

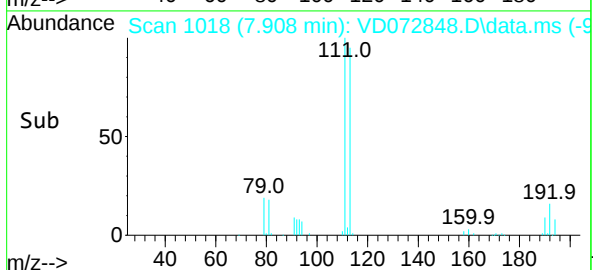
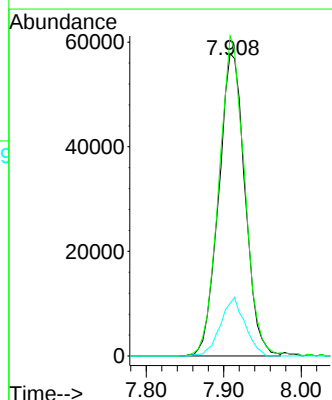
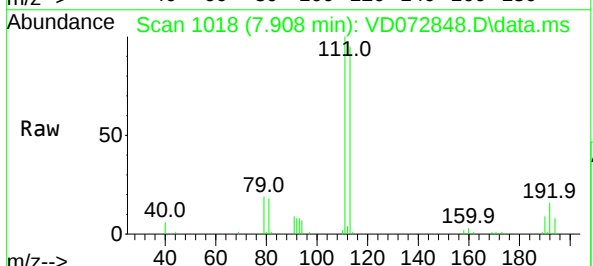
Tgt Ion:113 Resp: 136460

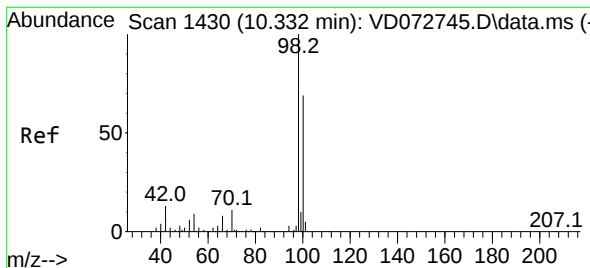
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.0 14.6 21.8





#50

Toluene-d8

Concen: 48.617 ug/l

RT: 10.331 min Scan# 1430

Delta R.T. -0.001 min

Lab File: VD072848.D

Acq: 06 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

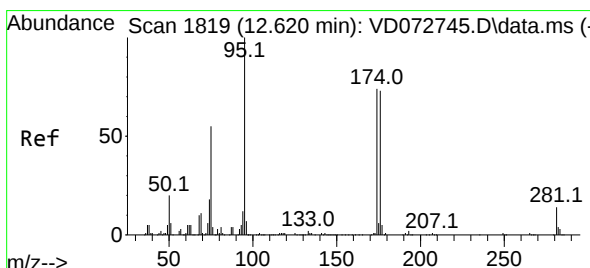
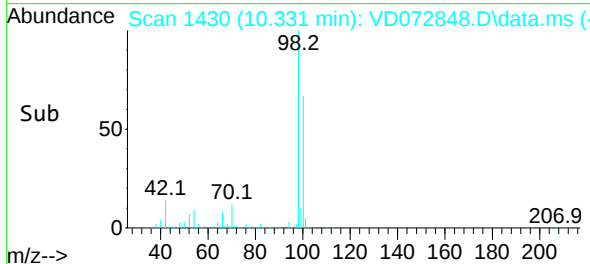
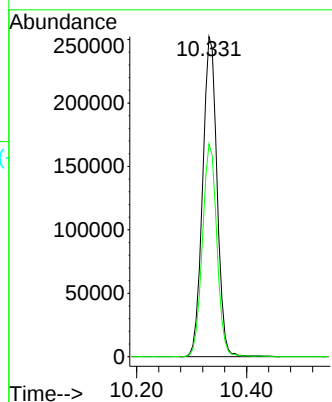
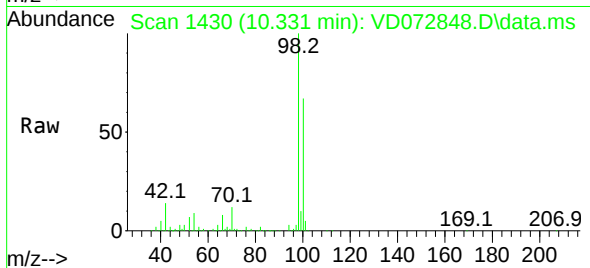
BU-1-050322

Tgt Ion: 98 Resp: 457795

Ion Ratio Lower Upper

98 100

100 66.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.775 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD072848.D

Acq: 06 May 2022 13:37

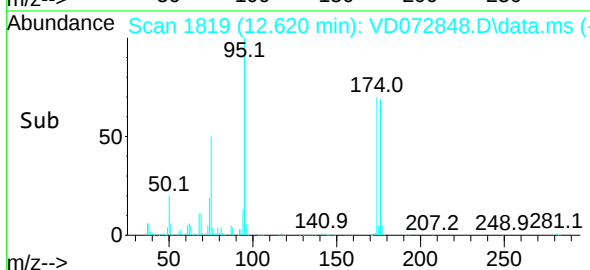
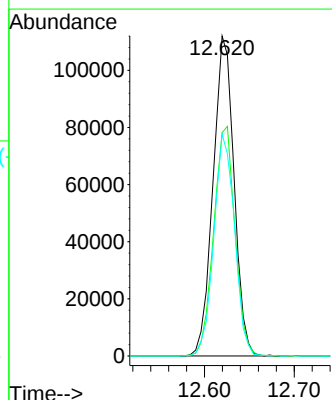
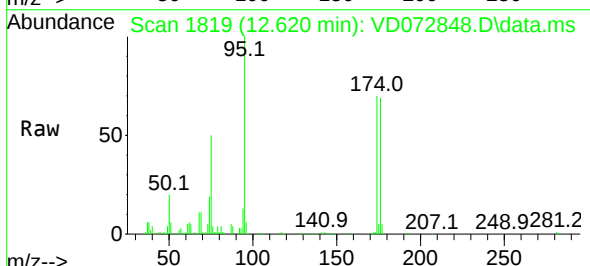
Tgt Ion: 95 Resp: 181786

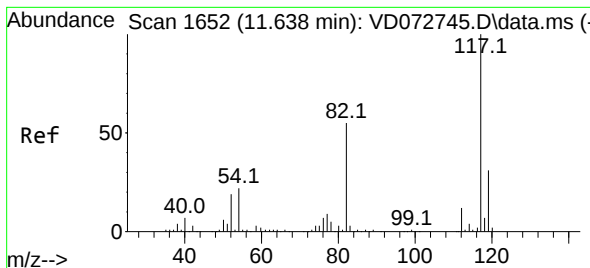
Ion Ratio Lower Upper

95 100

174 73.1 0.0 152.8

176 68.5 0.0 145.4

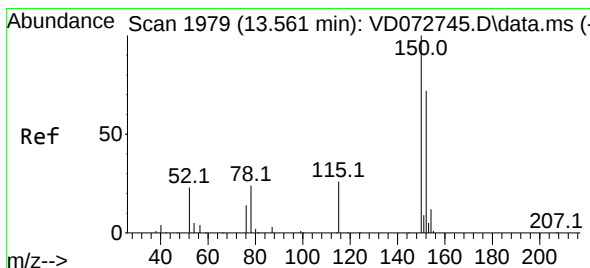
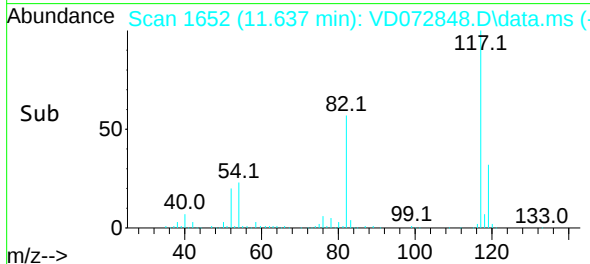
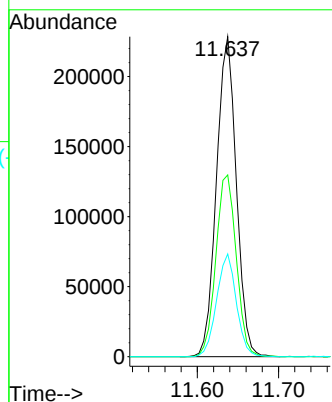
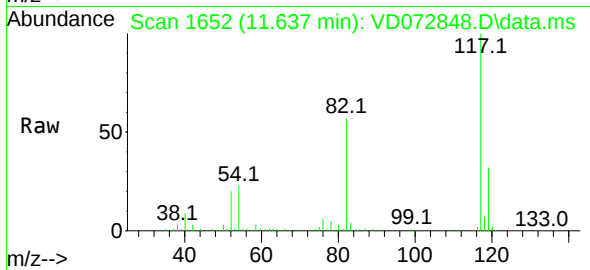




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

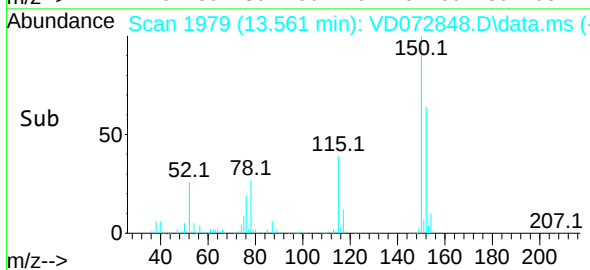
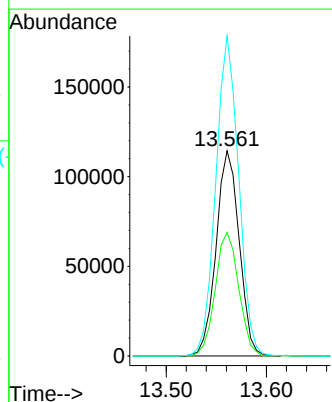
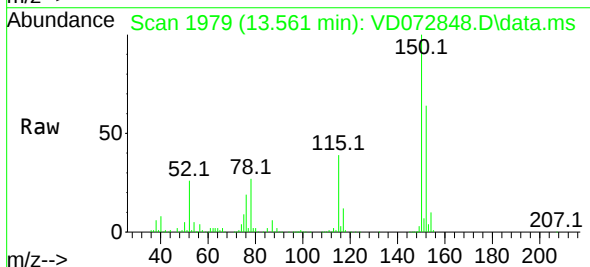
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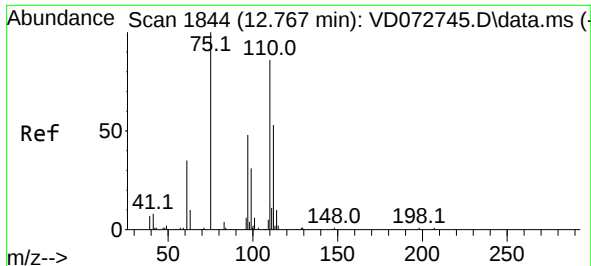
Tgt Ion:117 Resp: 389014
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

Tgt Ion:152 Resp: 182913
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 154.7 0.0 348.6

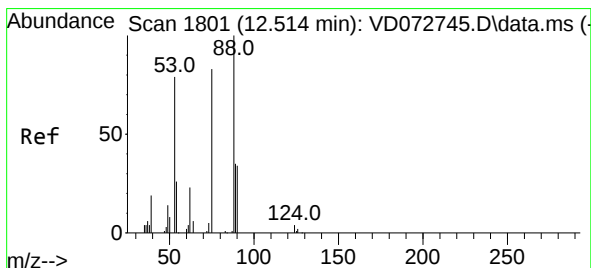
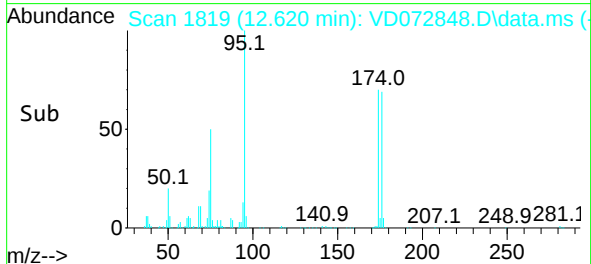
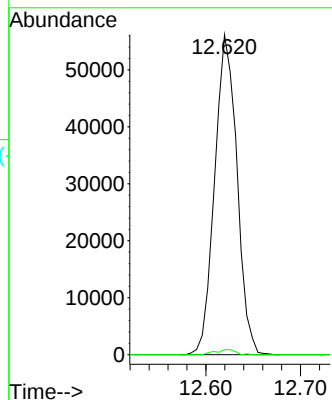
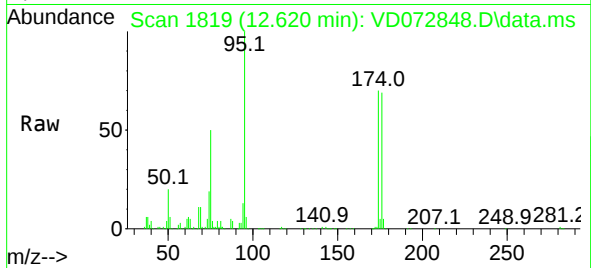




#76
1,2,3-Trichloropropane
Concen: 45.094 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

Instrument :
MSVOA_D
ClientSampleId :
BU-1-050322

Tgt Ion: 75 Resp: 91974
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.698 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072848.D
Acq: 06 May 2022 13:37

Tgt Ion: 75 Resp: 91974
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

