

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072755.D
 Acq On : 02 May 2022 19:31
 Operator : VA/SY
 Sample : N2609-04
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2

Quant Time: May 03 08:37:07 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	339936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	671255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	653407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218309	49.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.940%
35) Dibromofluoromethane	7.908	113	232071	49.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.332	98	835018	49.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.620	95	281615	44.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.320%

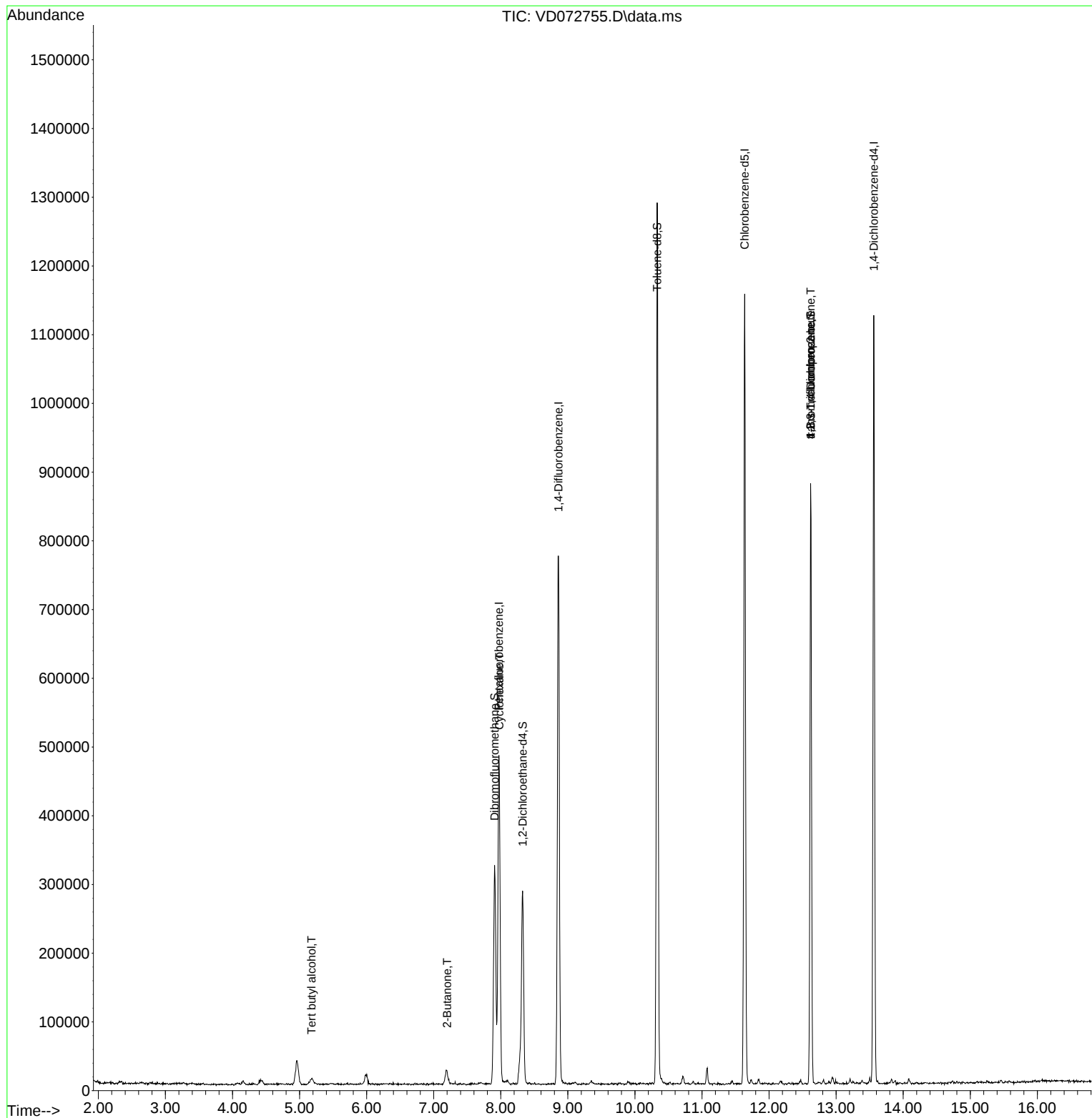
Target Compounds					Qvalue	
5) Bromomethane	2.767	94	1438	Below Cal	#	68
11) Tert butyl alcohol	5.179	59	8963	23.477	ug/l #	74
16) Acetone	4.161	43	7804	Below Cal		95
18) Methyl Acetate	4.691	43	73	Below Cal	#	55
20) Methylene Chloride	4.961	84	25871	Below Cal	#	96
25) 2-Butanone	7.202	43	1857	1.444	ug/l #	52
31) Cyclohexane	7.979	56	9751	1.264	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	145391	45.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	145391	104.886	ug/l #	7

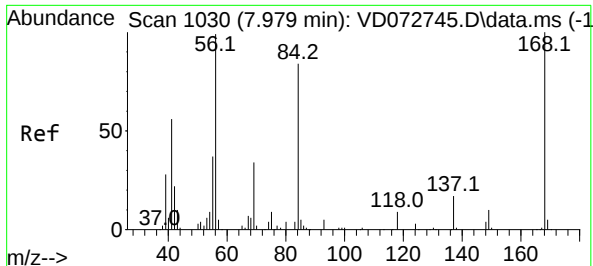
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 03 08:37:07 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

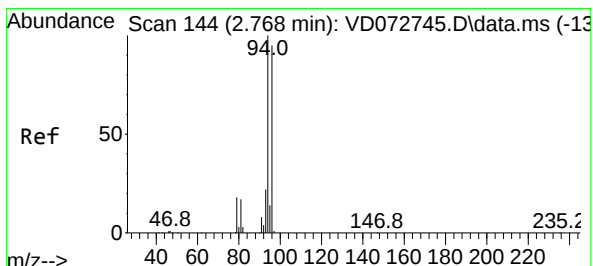
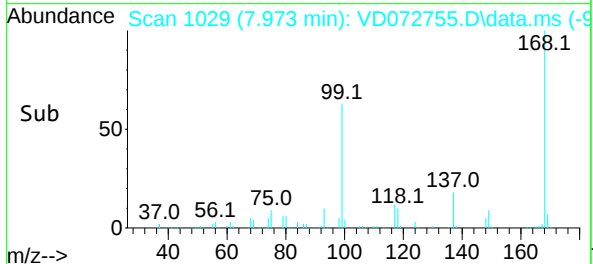
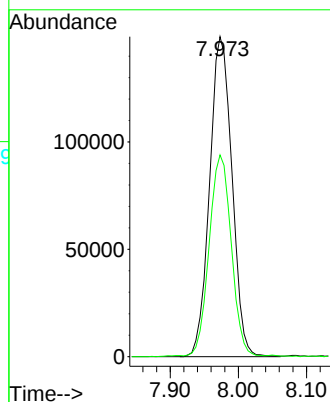
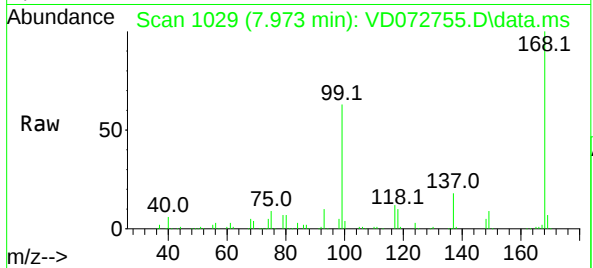




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

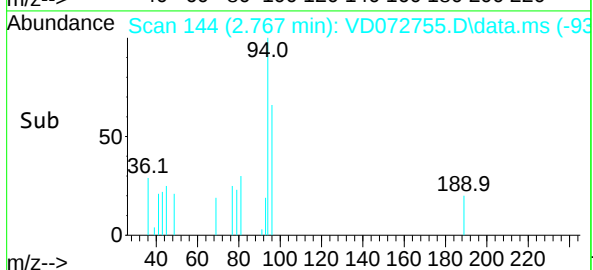
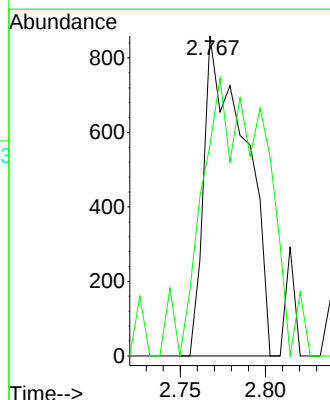
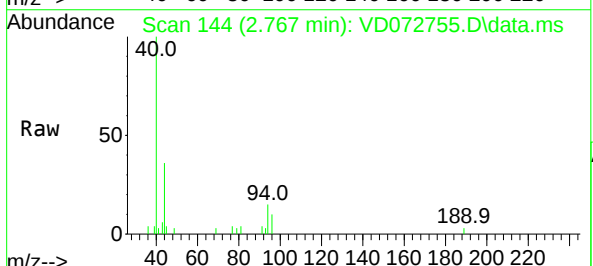
Instrument :
MSVOA_D
ClientSampleId :
WC-2

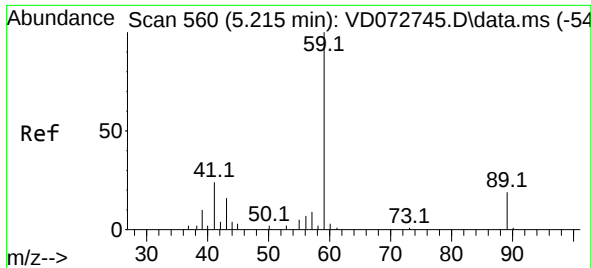
Tgt Ion:168 Resp: 339936
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Tgt Ion: 94 Resp: 1438
Ion Ratio Lower Upper
94 100
96 65.9 77.6 116.4#

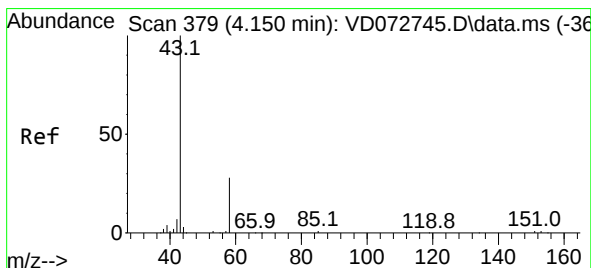
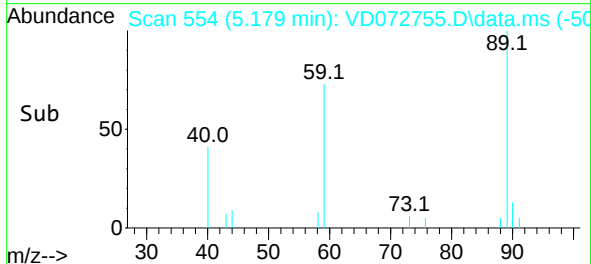
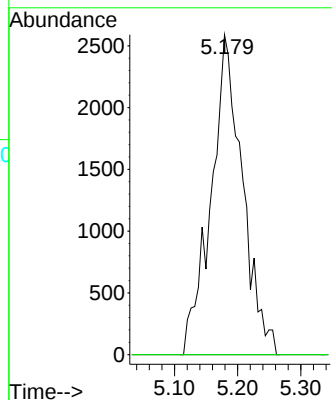
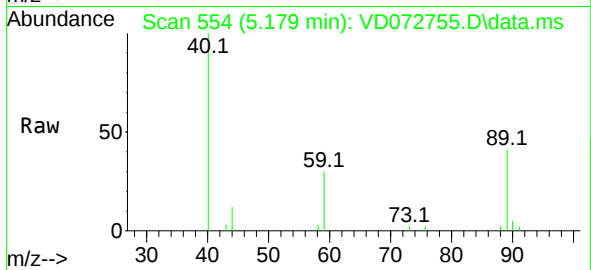




#11
Tert butyl alcohol
Concen: 23.477 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

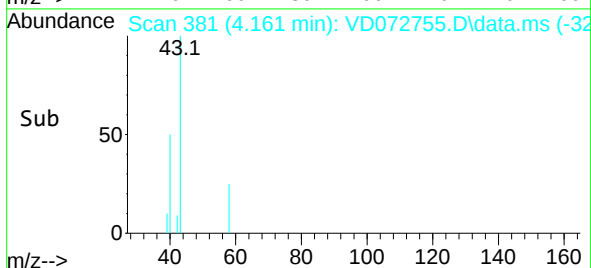
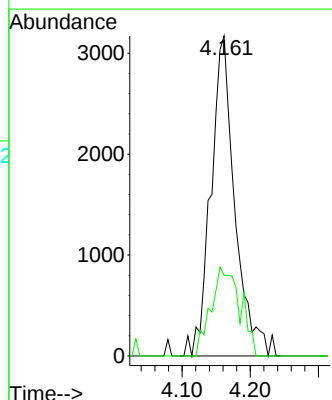
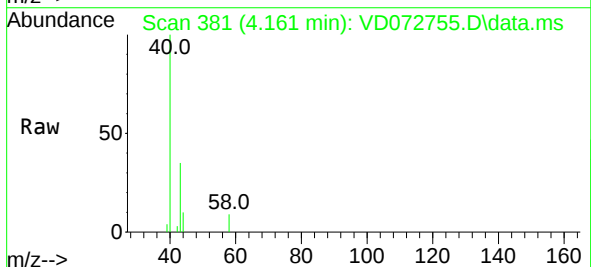
Instrument :
MSVOA_D
ClientSampleId :
WC-2

Tgt Ion: 59 Resp: 8963
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Tgt Ion: 43 Resp: 7804
Ion Ratio Lower Upper
43 100
58 25.2 22.1 33.1



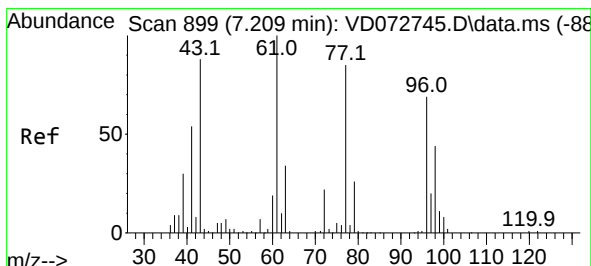
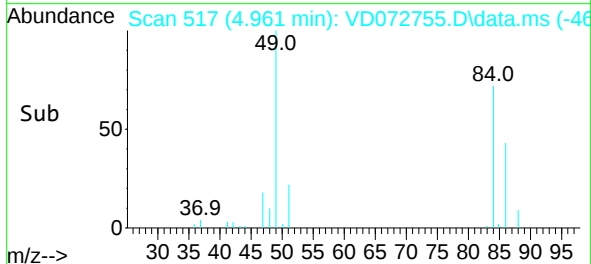
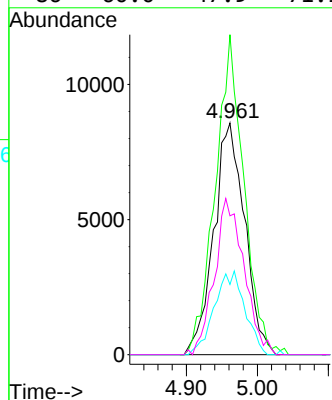
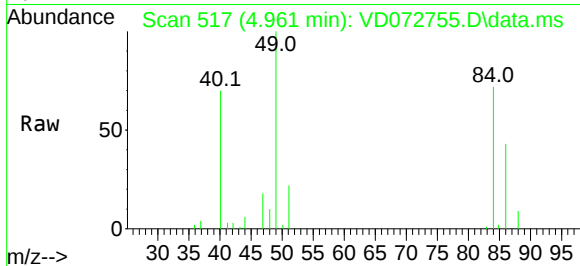


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :
WC-2

Tgt Ion: 84 Resp: 25871

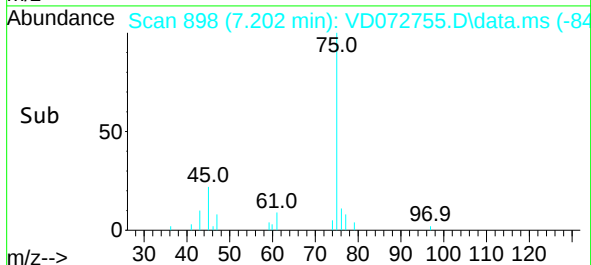
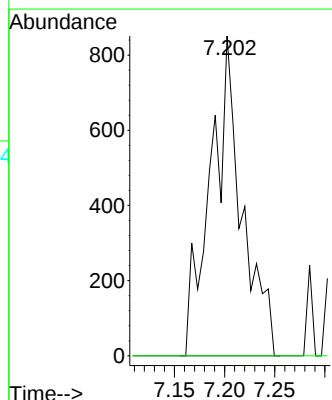
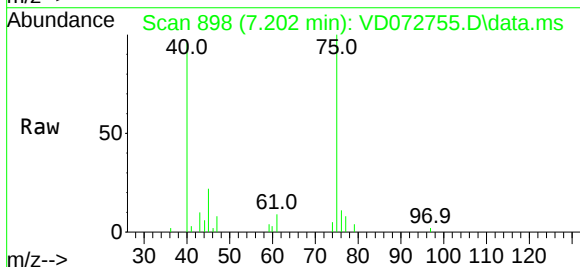
Ion	Ratio	Lower	Upper
84	100		
49	138.1	112.8	169.2
51	30.3	32.6	48.8#
86	60.0	47.9	71.9

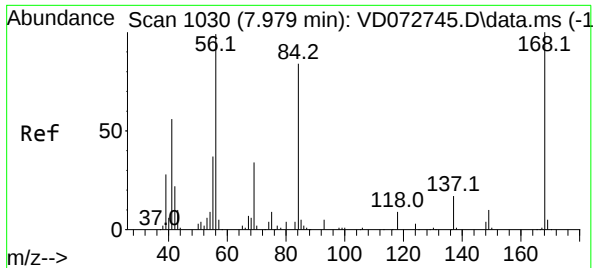


#25
2-Butanone
Concen: 1.444 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.007 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Tgt Ion: 43 Resp: 1857

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

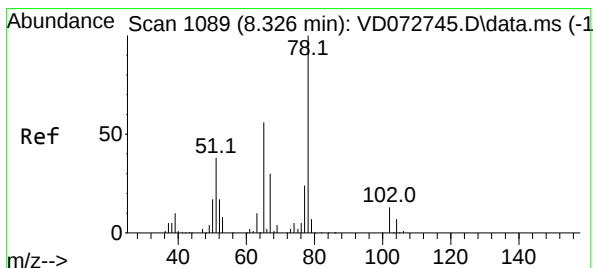
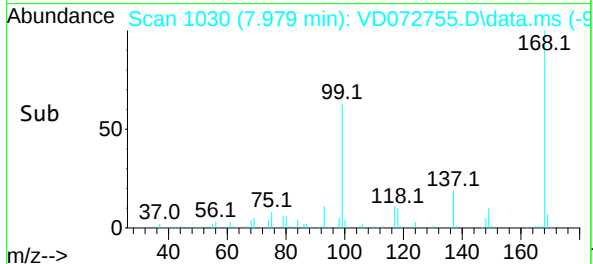
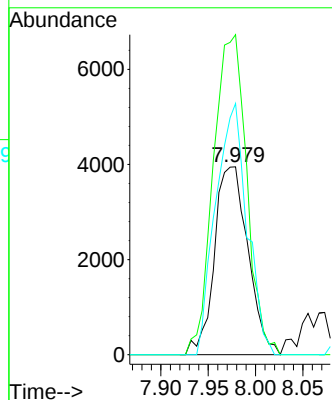
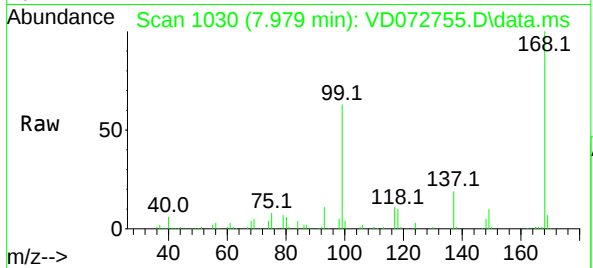




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

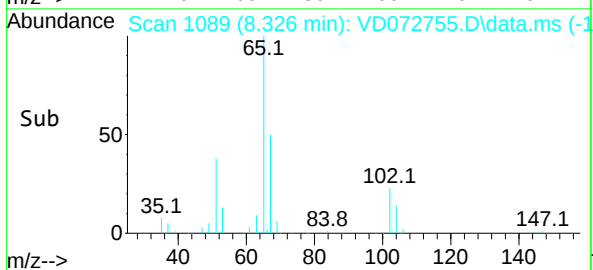
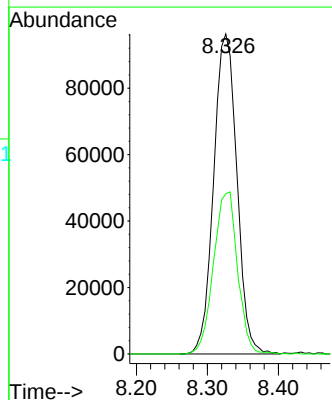
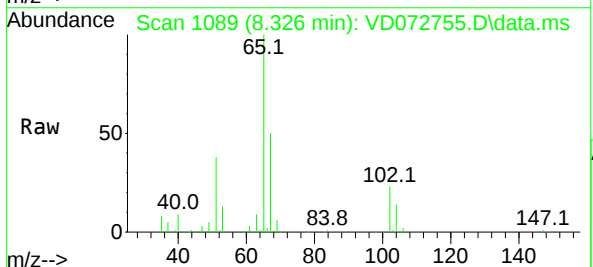
Instrument :
MSVOA_D
ClientSampleId :
WC-2

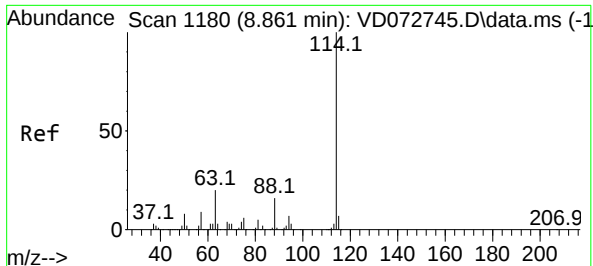
Tgt Ion: 56 Resp: 9751
Ion Ratio Lower Upper
56 100
69 170.4 25.4 38.2#
84 133.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 49.474 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Tgt Ion: 65 Resp: 218309
Ion Ratio Lower Upper
65 100
67 52.5 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: VD072755.D

Acq: 02 May 2022 19:31

Instrument :

MSVOA_D

ClientSampleId :

WC-2

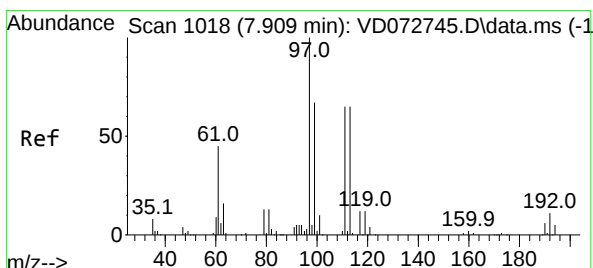
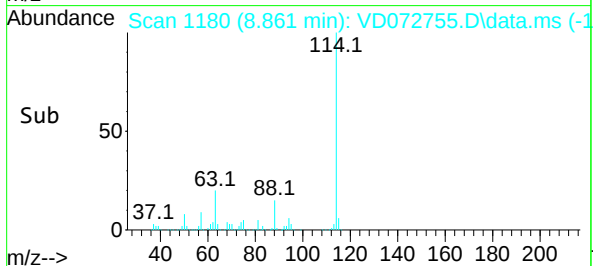
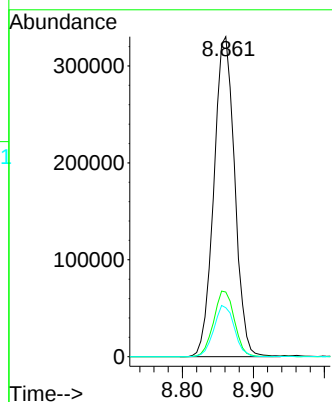
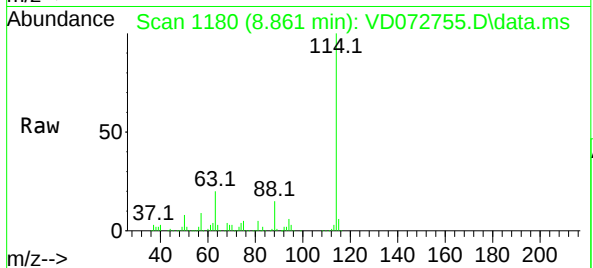
Tgt Ion:114 Resp: 671255

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.227 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072755.D

Acq: 02 May 2022 19:31

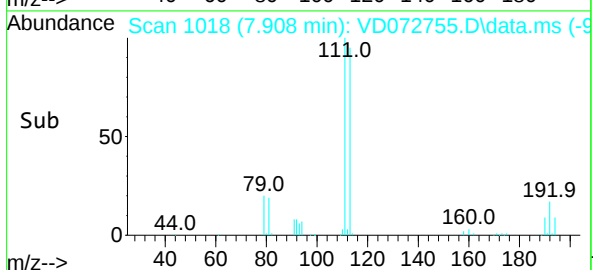
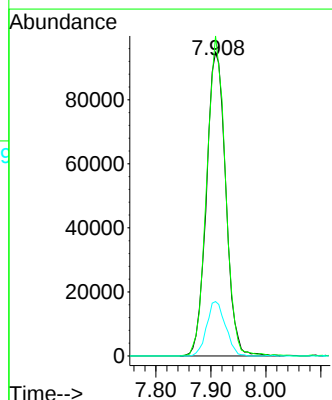
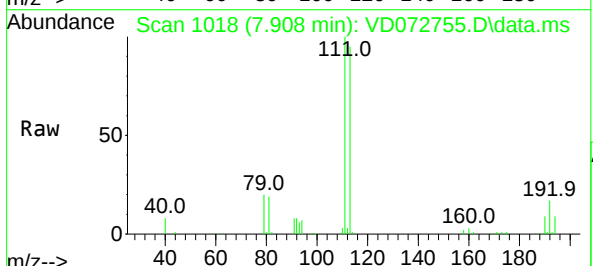
Tgt Ion:113 Resp: 232071

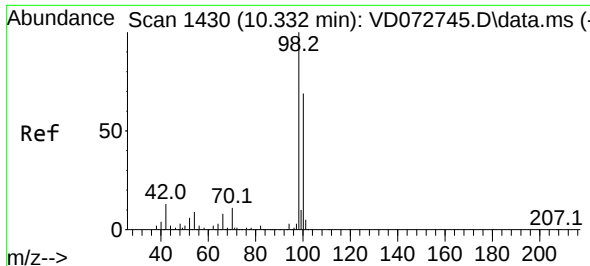
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.4 14.6 21.8

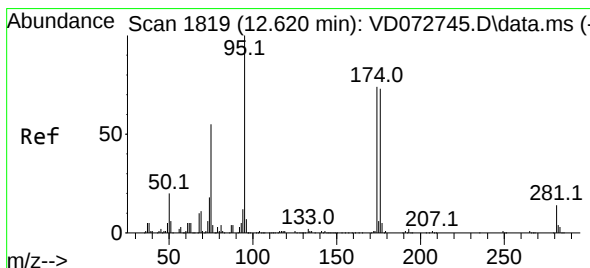
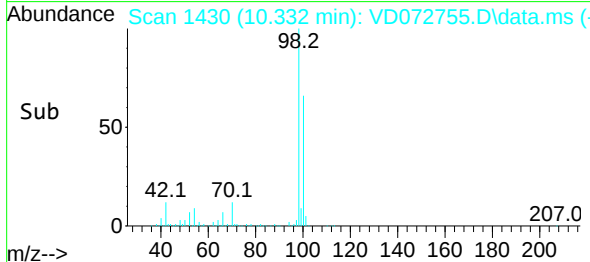
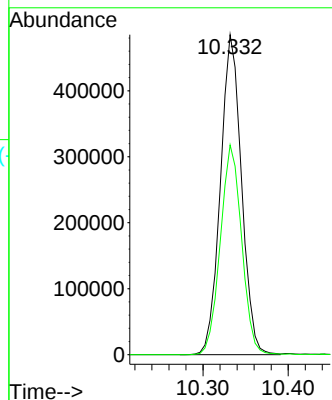
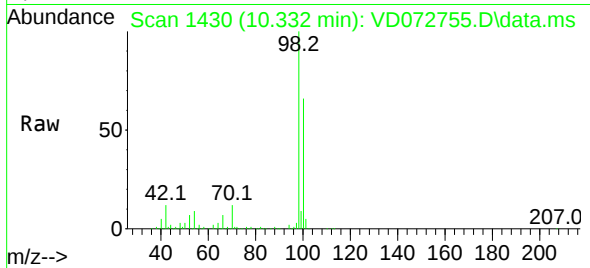




#50
Toluene-d8
Concen: 49.378 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

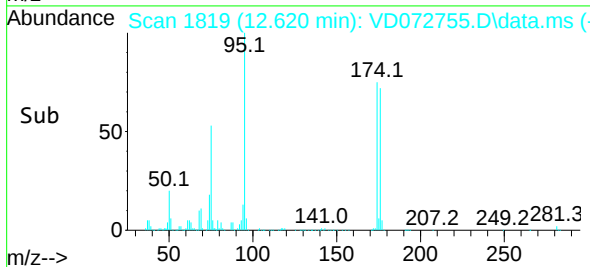
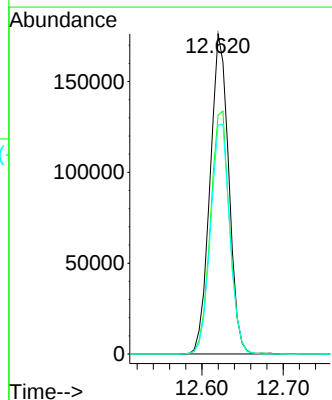
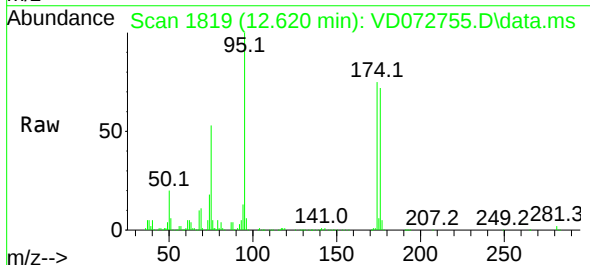
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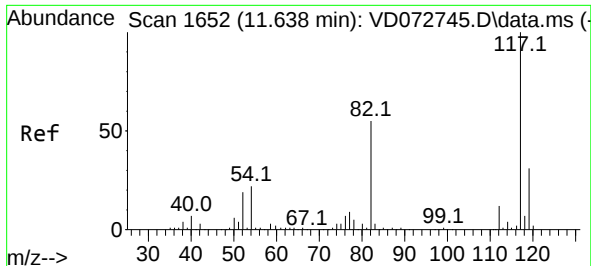
Tgt Ion: 98 Resp: 835018
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.662 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Tgt Ion: 95 Resp: 281615
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 73.7 0.0 145.4

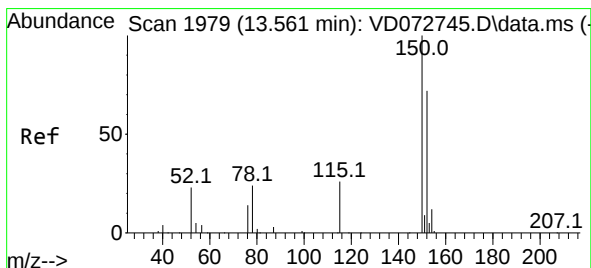
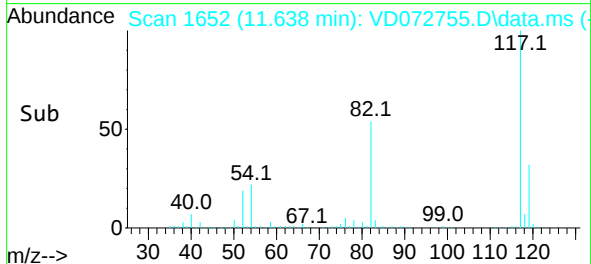
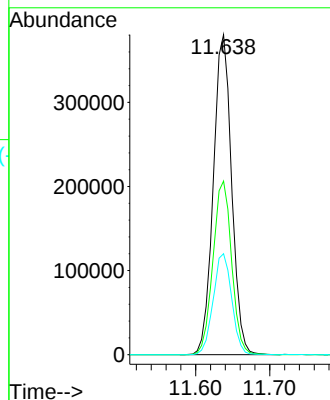
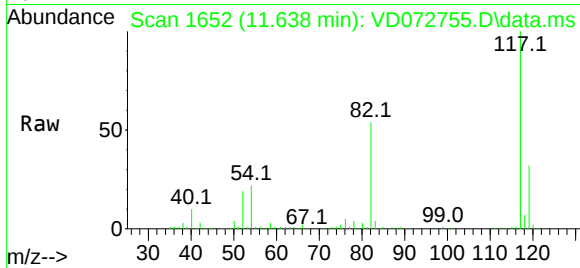




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

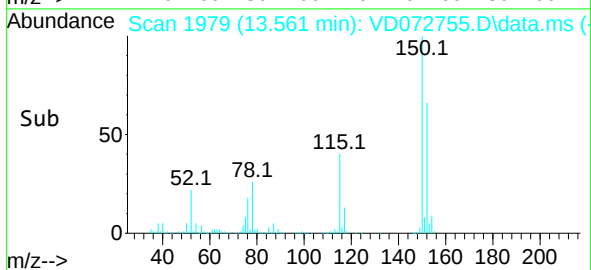
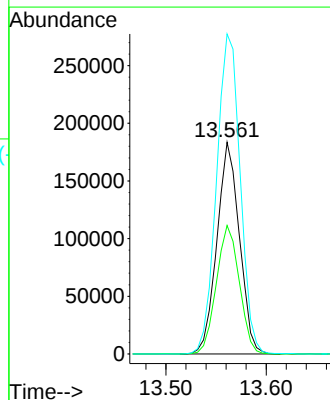
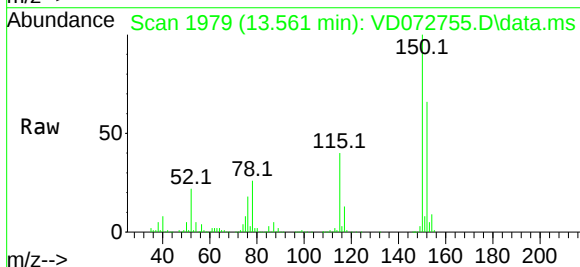
Instrument :
MSVOA_D
ClientSampleId :
WC-2

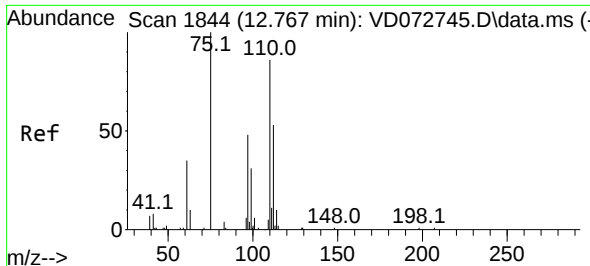
Tgt Ion:117 Resp: 653407
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Tgt Ion:152 Resp: 285871
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 158.7 0.0 348.6

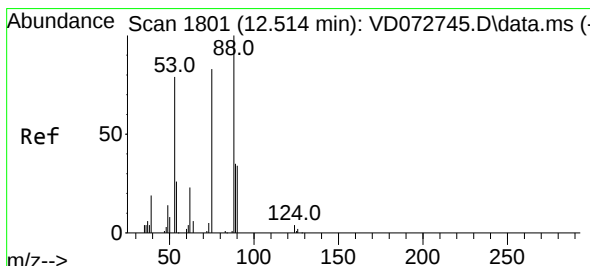
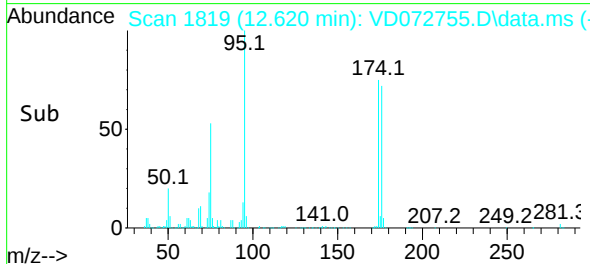
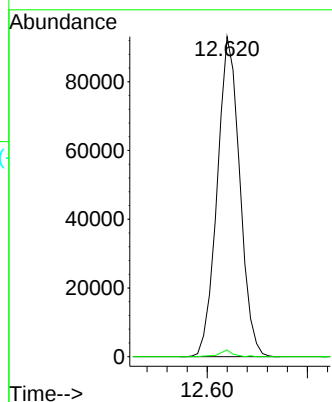
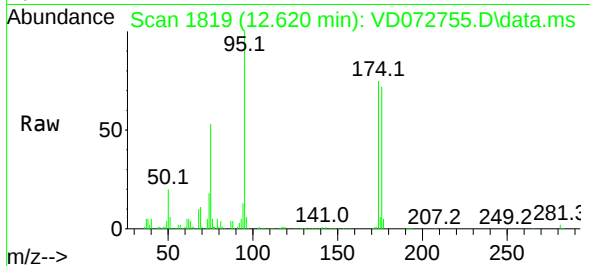




#76
1,2,3-Trichloropropane
Concen: 45.611 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :
WC-2

Tgt Ion: 75 Resp: 145391
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.886 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072755.D
Acq: 02 May 2022 19:31

Tgt Ion: 75 Resp: 145391
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

