

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072756.D
 Acq On : 02 May 2022 20:00
 Operator : VA/SY
 Sample : N2609-07
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Quant Time: May 03 08:37:18 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)

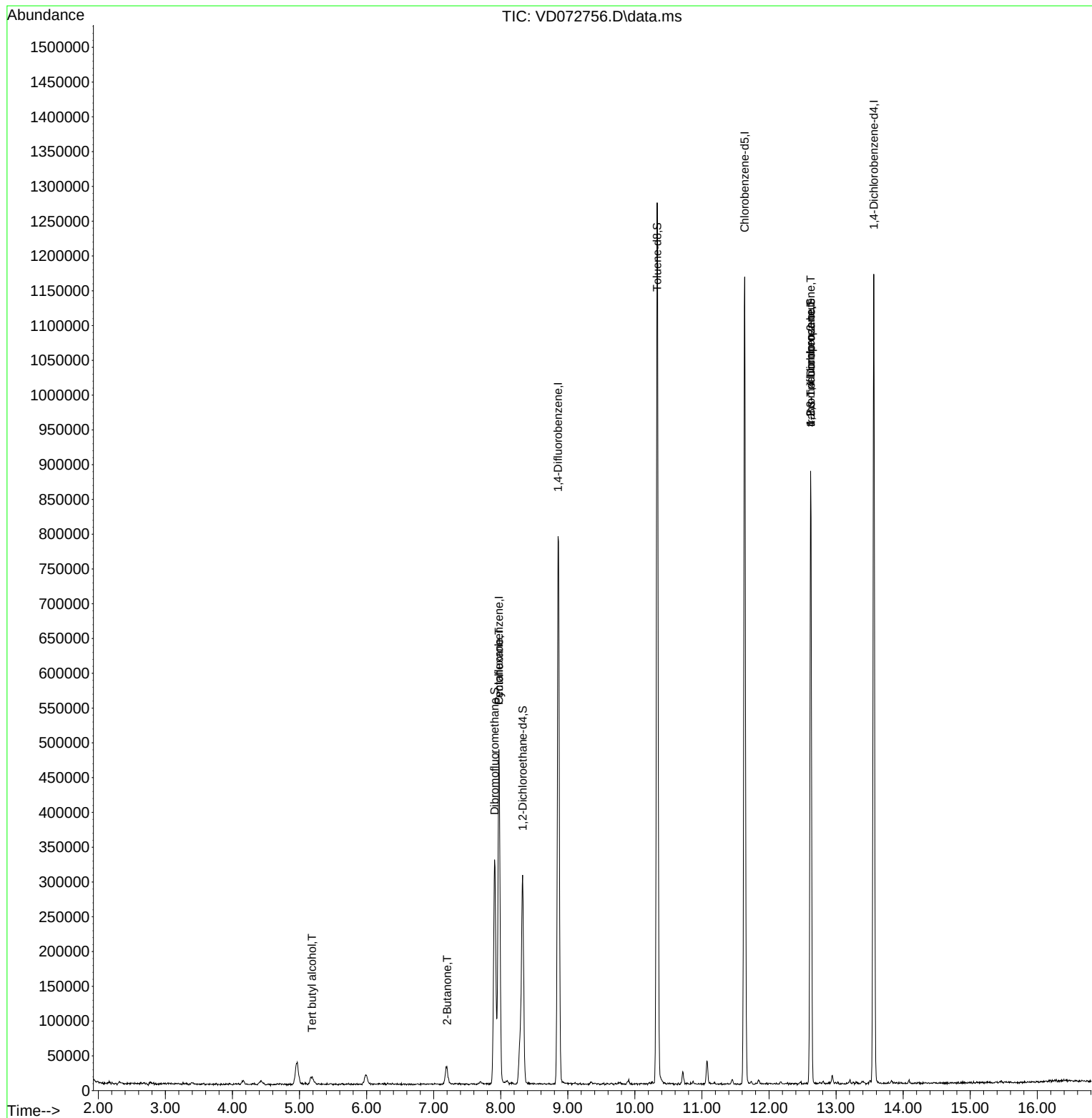
Internal Standards						
1) Pentafluorobenzene	7.973	168	333805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	676350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230835	53.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.540%
35) Dibromofluoromethane	7.909	113	237056	49.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.332	98	833940	48.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.620	95	288266	45.372	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.740%
Target Compounds						
						Qvalue
5) Bromomethane	2.785	94	1565	Below Cal		95
11) Tert butyl alcohol	5.185	59	11378	30.350 ug/l	#	74
16) Acetone	4.156	43	10108	Below Cal		97
18) Methyl Acetate	4.709	43	165	Below Cal	#	55
20) Methylene Chloride	4.956	84	26193	Below Cal	#	76
25) 2-Butanone	7.203	43	1783	1.412 ug/l	#	52
31) Cyclohexane	7.973	56	8906	1.176 ug/l	#	1
76) 1,2,3-Trichloropropane	12.620	75	151986	47.157 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	151986	108.442 ug/l	#	7

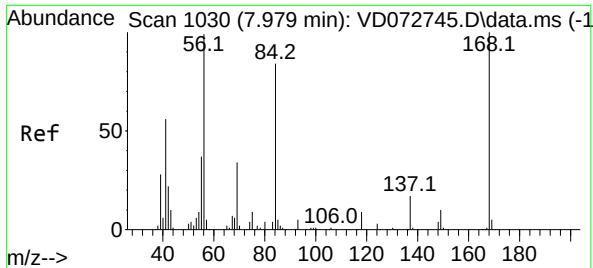
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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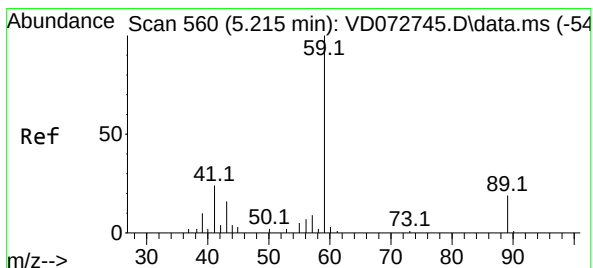
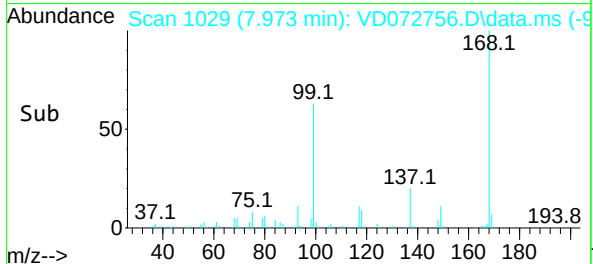
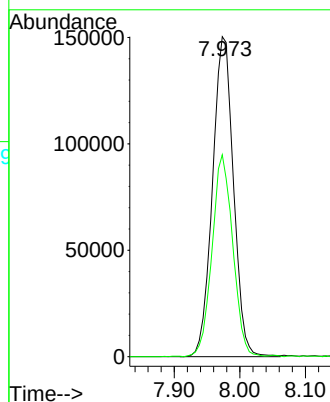
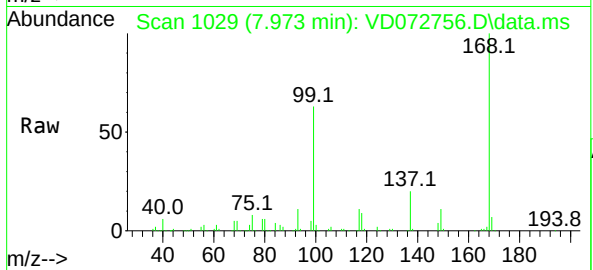




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072756.D
Acq: 02 May 2022 20:00

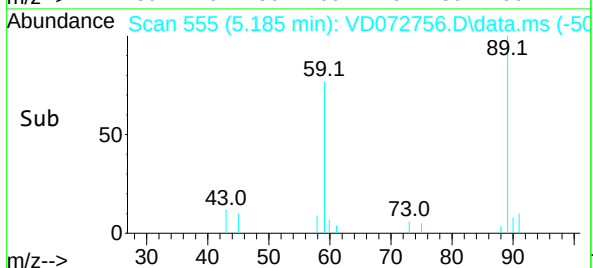
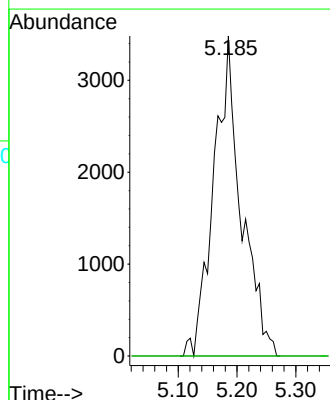
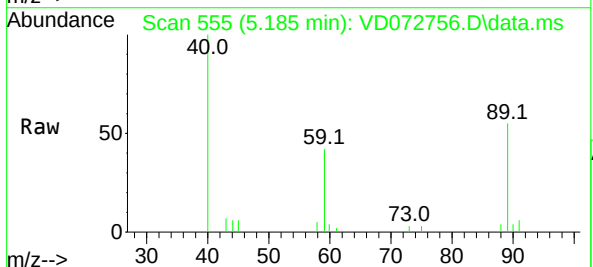
Instrument :
MSVOA_D
ClientSampleId :
WC-3

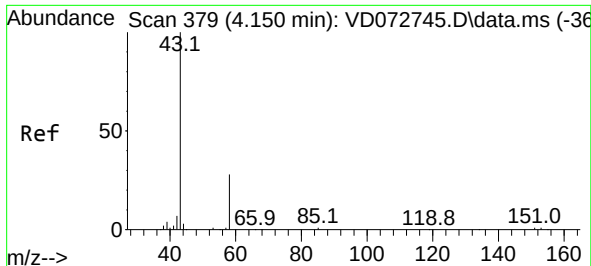
Tgt Ion:168 Resp: 333805
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#11
Tert butyl alcohol
Concen: 30.350 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.030 min
Lab File: VD072756.D
Acq: 02 May 2022 20:00

Tgt Ion: 59 Resp: 11378
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

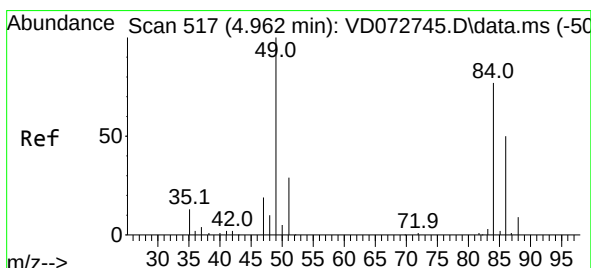
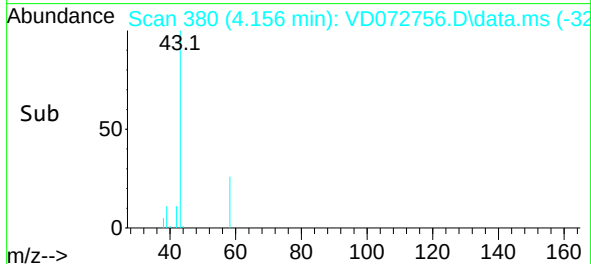
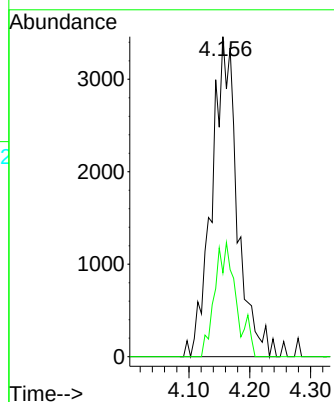
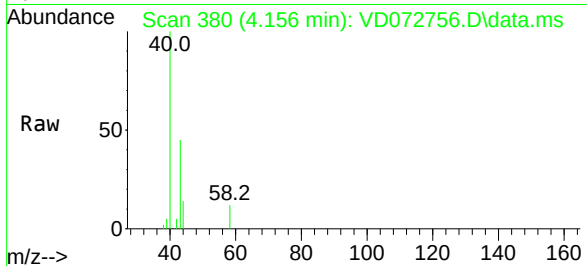




#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072756.D
Acq: 02 May 2022 20:00

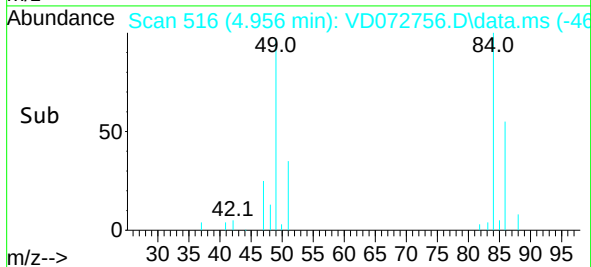
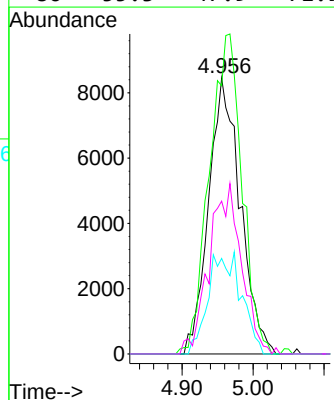
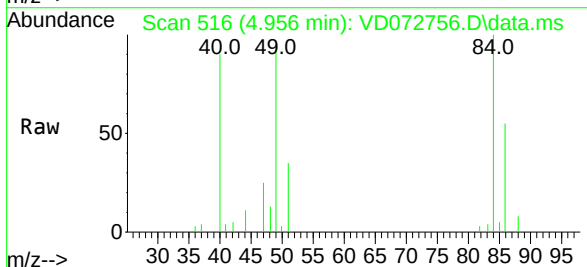
Instrument :
MSVOA_D
ClientSampleId :
WC-3

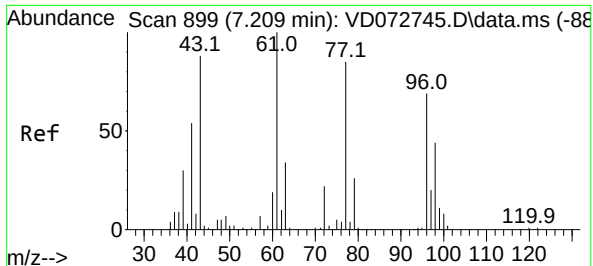
Tgt Ion: 43 Resp: 10108
Ion Ratio Lower Upper
43 100
58 26.2 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072756.D
Acq: 02 May 2022 20:00

Tgt Ion: 84 Resp: 26193
Ion Ratio Lower Upper
84 100
49 97.2 112.8 169.2#
51 34.6 32.6 48.8
86 55.3 47.9 71.9





#25

2-Butanone

Concen: 1.412 ug/l

RT: 7.203 min Scan# 89

Delta R.T. -0.006 min

Lab File: VD072756.D

Acq: 02 May 2022 20:00

Instrument :

MSVOA_D

ClientSampleId :

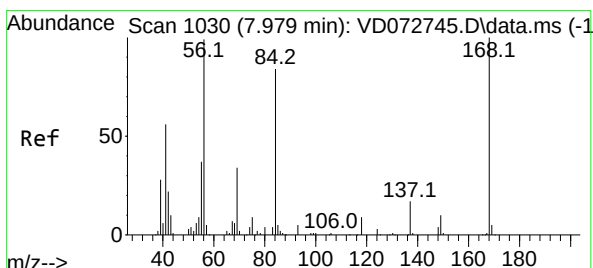
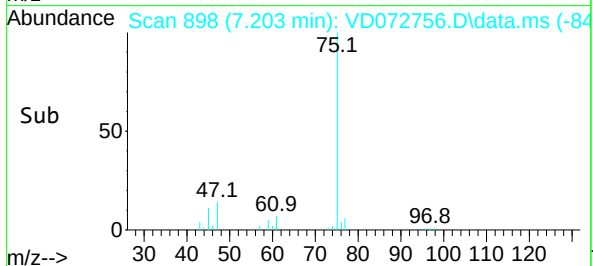
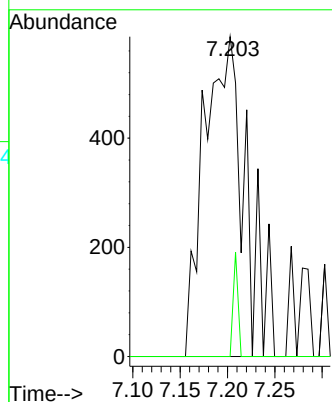
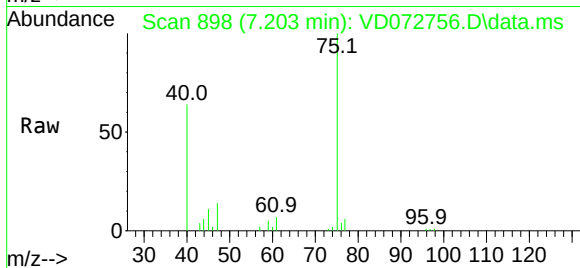
WC-3

Tgt Ion: 43 Resp: 1783

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.176 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072756.D

Acq: 02 May 2022 20:00

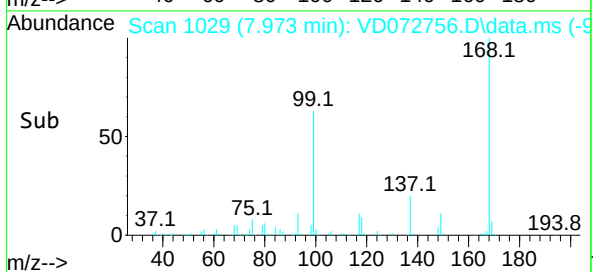
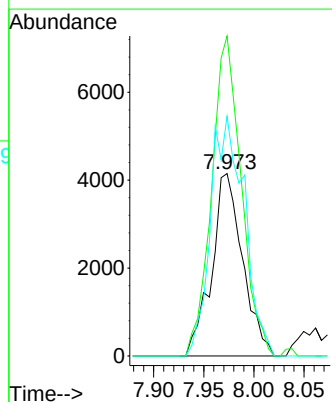
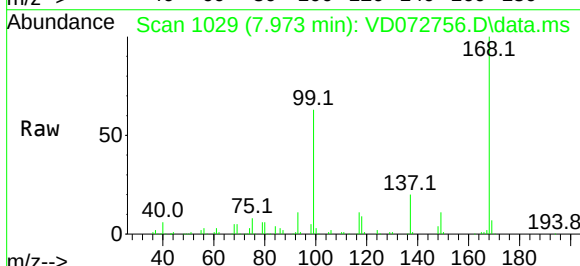
Tgt Ion: 56 Resp: 8906

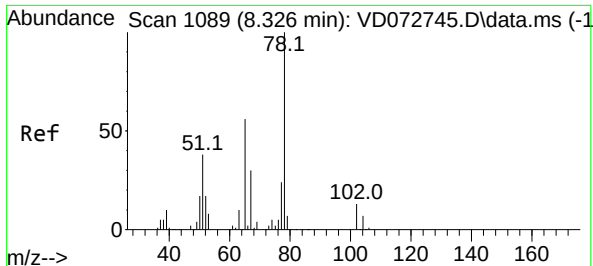
Ion Ratio Lower Upper

56 100

69 175.4 25.4 38.2#

84 131.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 53.273 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072756.D

Acq: 02 May 2022 20:00

Instrument :

MSVOA_D

ClientSampleId :

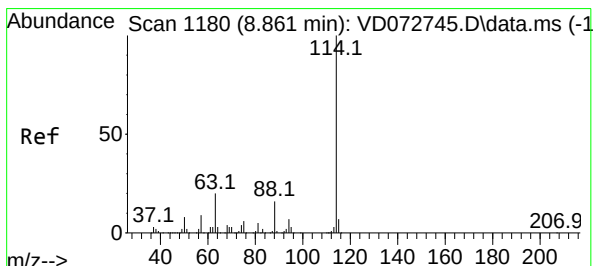
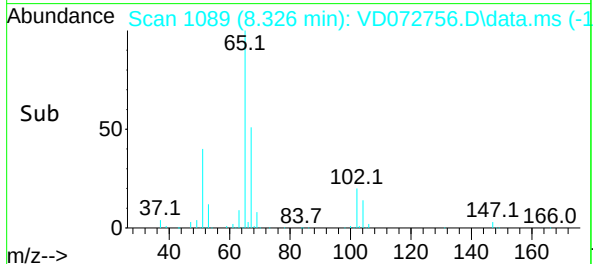
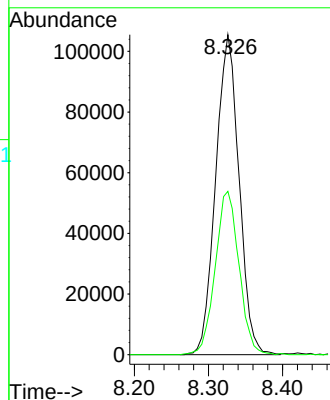
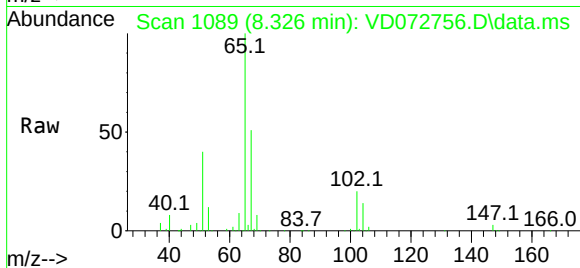
WC-3

Tgt Ion: 65 Resp: 230835

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072756.D

Acq: 02 May 2022 20:00

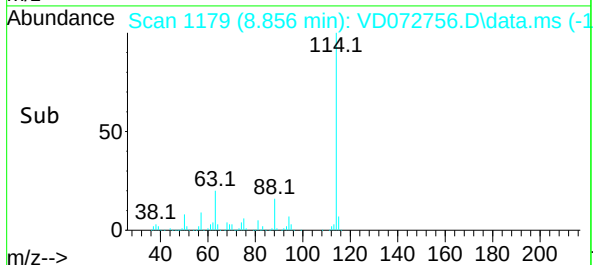
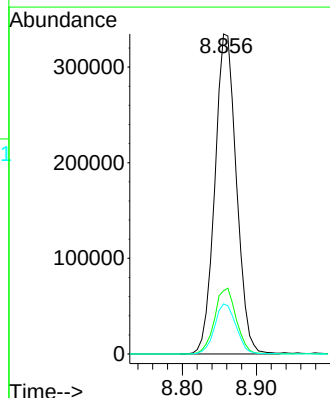
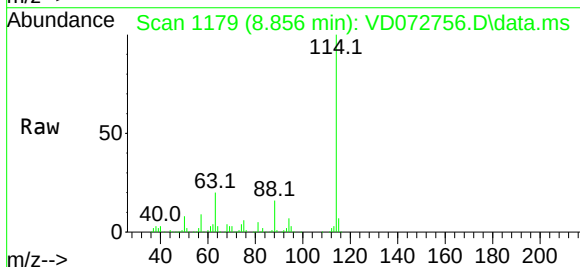
Tgt Ion: 114 Resp: 676350

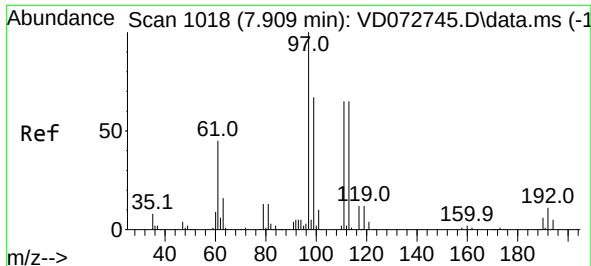
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.906 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072756.D

Acq: 02 May 2022 20:00

Instrument :

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ClientSampleId :

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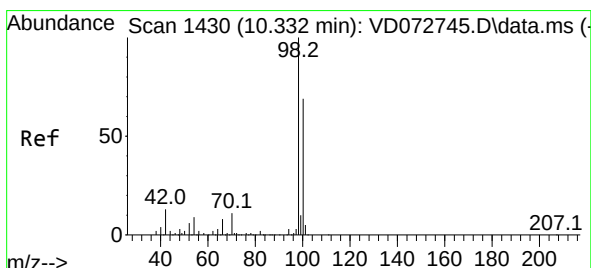
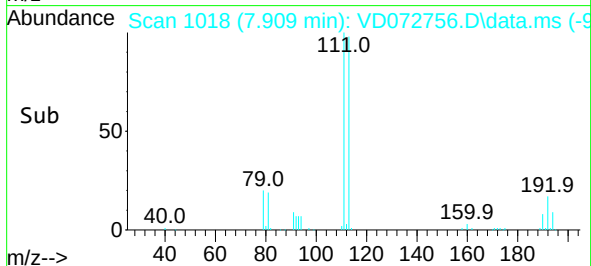
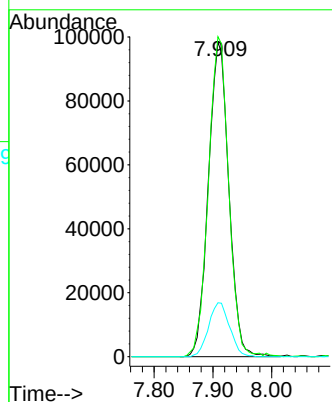
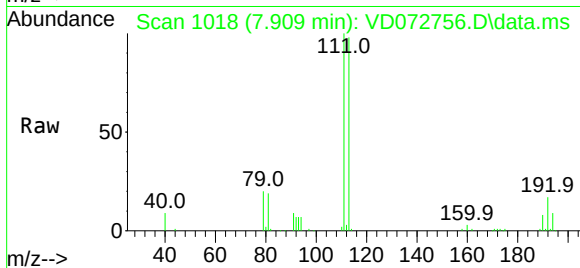
Tgt Ion:113 Resp: 237056

Ion Ratio Lower Upper

113 100

111 100.6 83.8 125.6

192 17.7 14.6 21.8



#50

Toluene-d8

Concen: 48.943 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072756.D

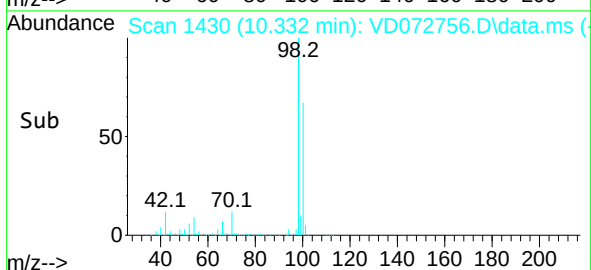
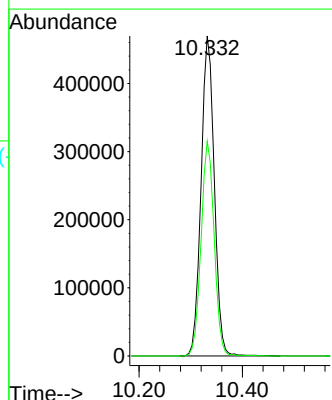
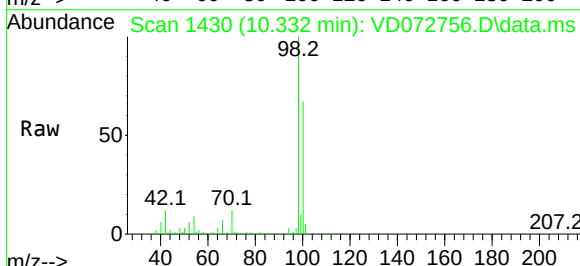
Acq: 02 May 2022 20:00

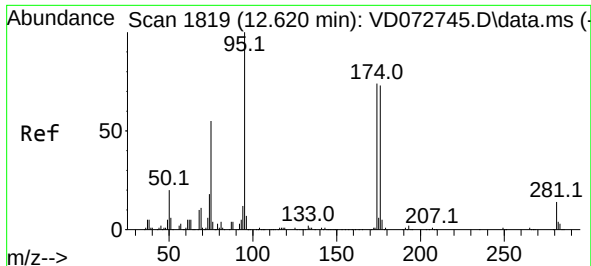
Tgt Ion: 98 Resp: 833940

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

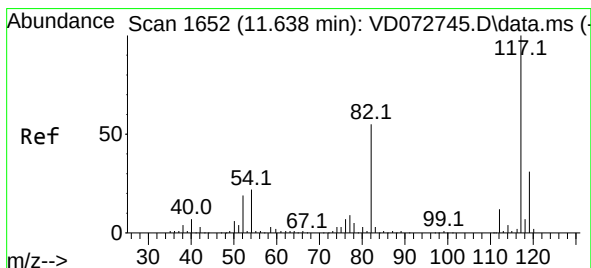
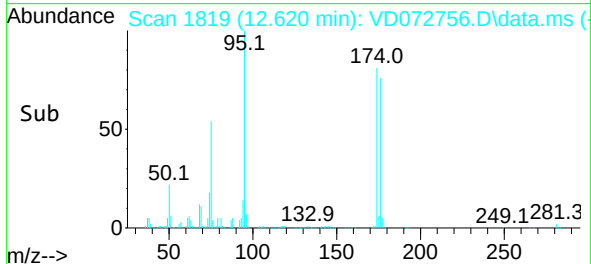
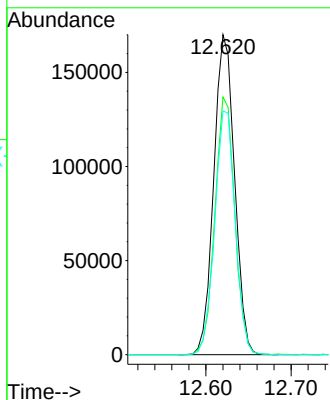
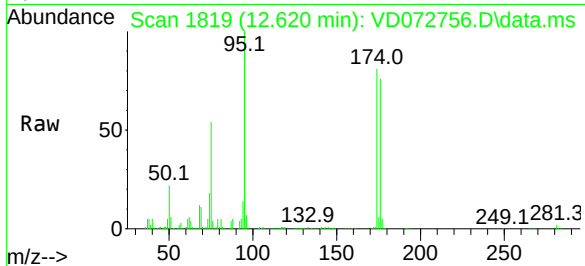




#62
4-Bromofluorobenzene
Concen: 45.372 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072756.D
Acq: 02 May 2022 20:00

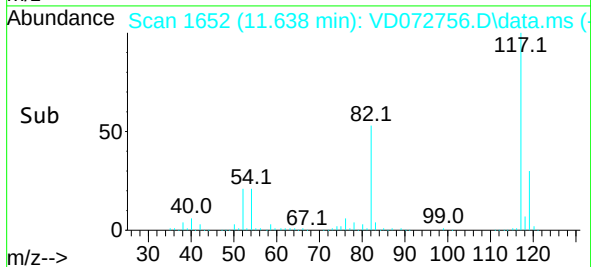
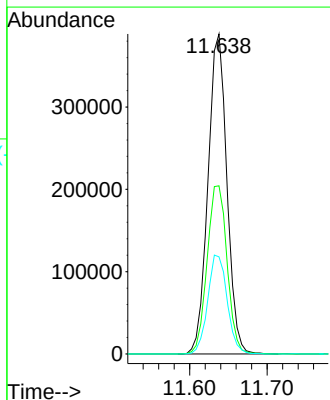
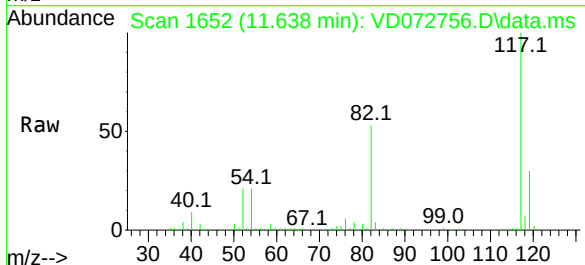
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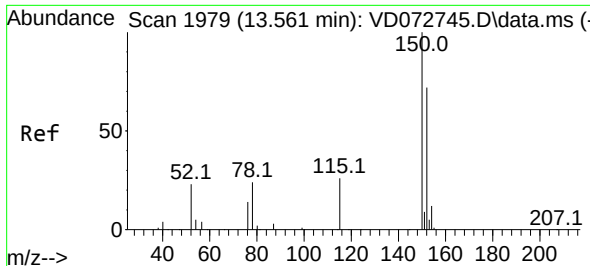
Tgt Ion: 95 Resp: 288266
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 75.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072756.D
Acq: 02 May 2022 20:00

Tgt Ion: 117 Resp: 661217
Ion Ratio Lower Upper
117 100
82 52.6 45.3 67.9
119 30.3 26.6 40.0

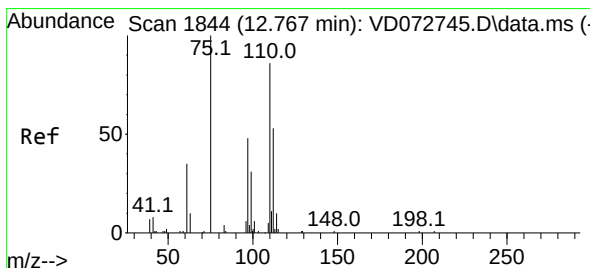
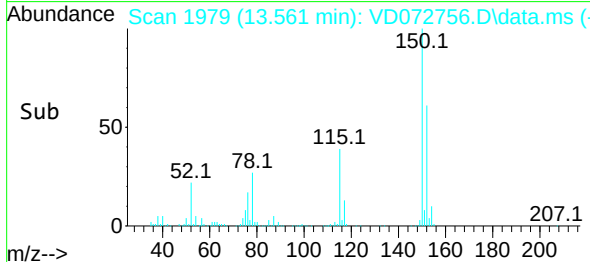
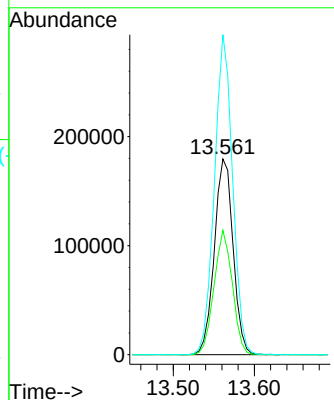
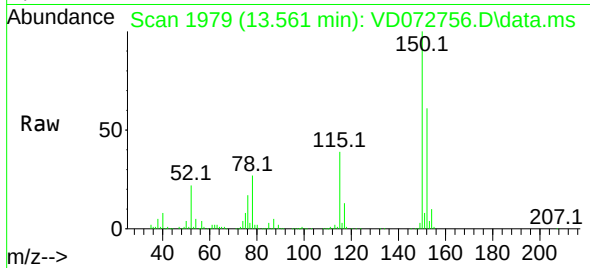




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072756.D
 Acq: 02 May 2022 20:00

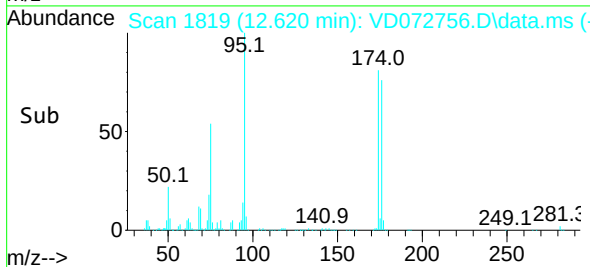
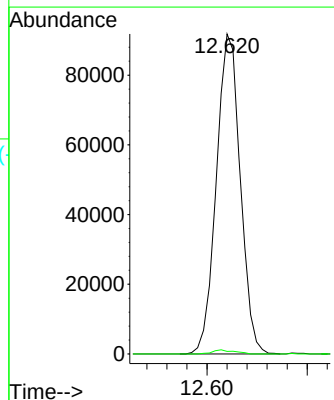
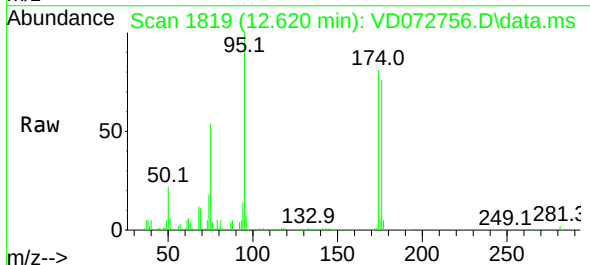
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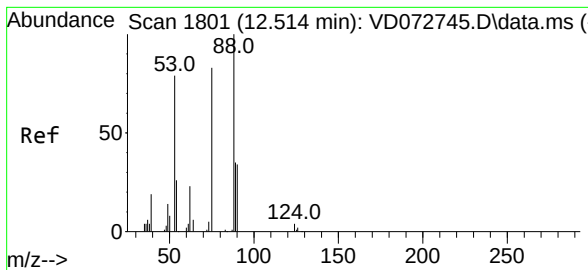
Tgt Ion:152 Resp: 289040
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.3 93.8
 150 158.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.157 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072756.D
 Acq: 02 May 2022 20:00

Tgt Ion: 75 Resp: 151986
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.442 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072756.D
 Acq: 02 May 2022 20:00

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Tgt Ion: 75 Resp: 151986
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.0 33.9 50.9#

