

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071921.D
 Acq On : 08 Feb 2022 16:46
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

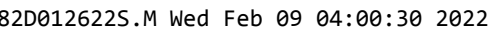
Quant Time: Feb 09 04:00:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

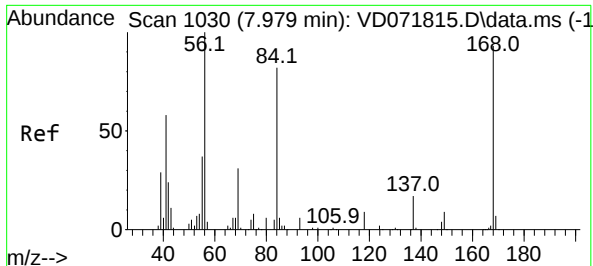
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	534900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	999648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	983280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	450407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	375698	55.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.140%	
35) Dibromofluoromethane	7.908	113	331892	50.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.020%	
50) Toluene-d8	10.332	98	1284035	52.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.640%	
62) 4-Bromofluorobenzene	12.626	95	478628	55.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	1315	Below Cal	#	74
20) Methylene Chloride	4.961	84	5365	Below Cal	#	84
31) Cyclohexane	7.979	56	15517	1.202	ug/l #	32
36) 1,1-Dichloropropene	7.979	75	50584	4.485	ug/l #	51
38) Carbon Tetrachloride	7.973	117	59847	5.366	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	267102	56.271	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	267102	138.357	ug/l #	7
95) Naphthalene	15.378	128	183	1.465	ug/l #	1

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

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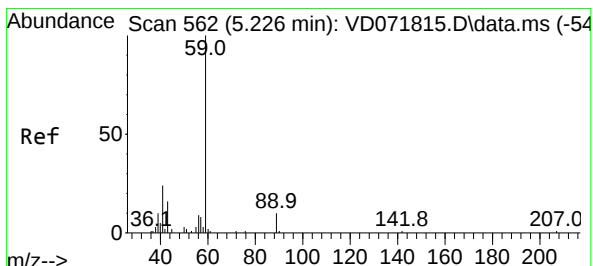
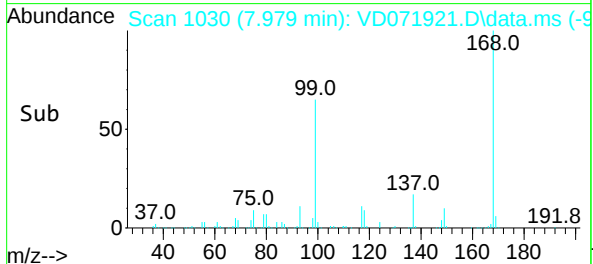
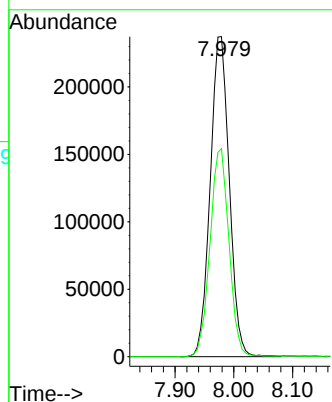
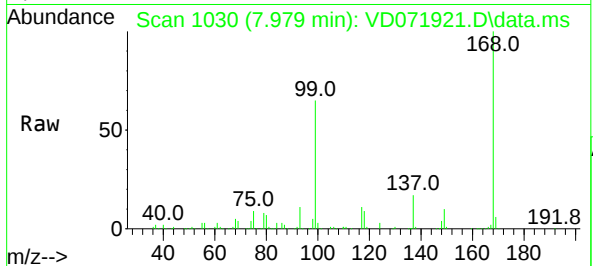




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

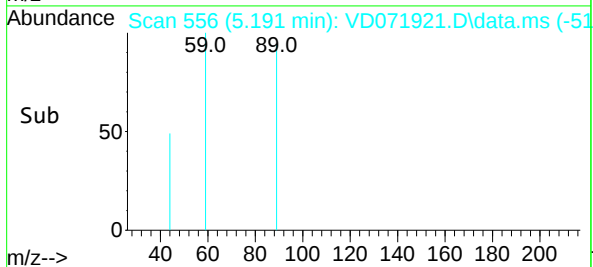
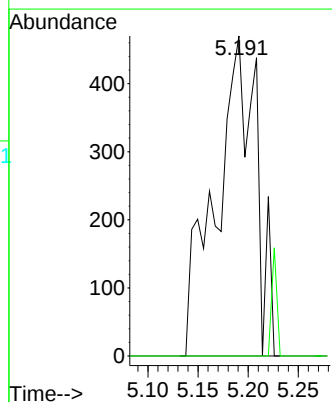
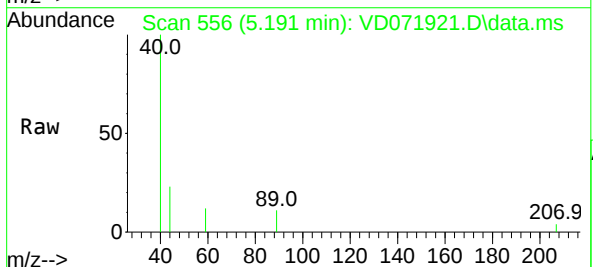
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

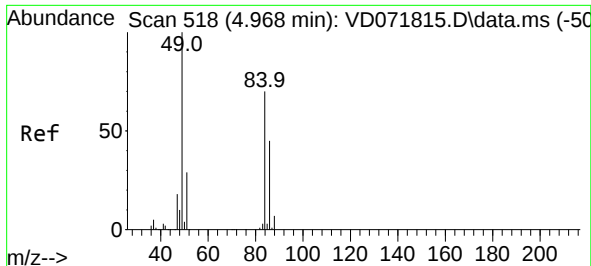
Tgt Ion:168 Resp: 534900
Ion Ratio Lower Upper
168 100
99 65.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.030 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

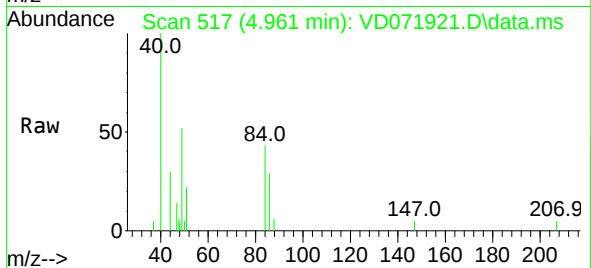
Tgt Ion: 59 Resp: 1315
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



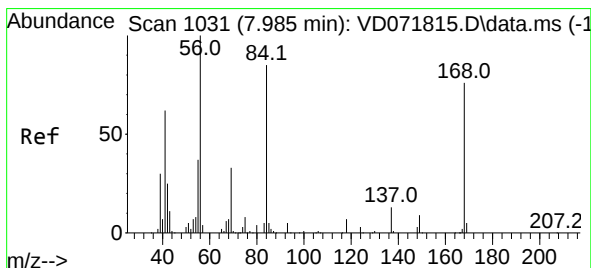
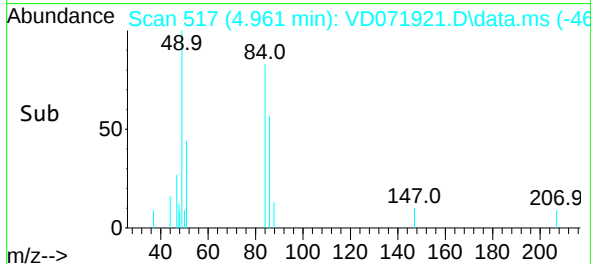
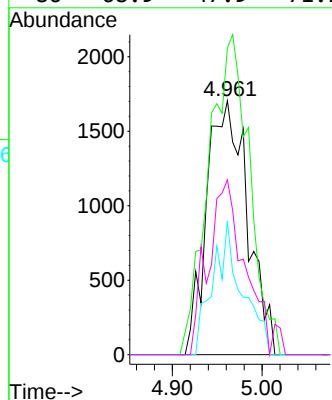


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

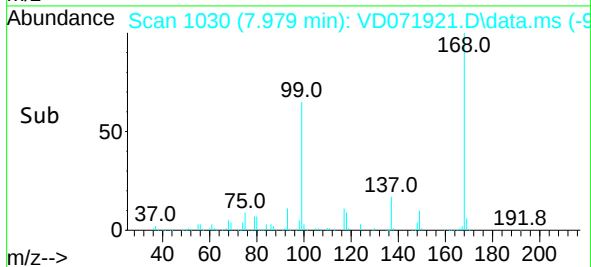
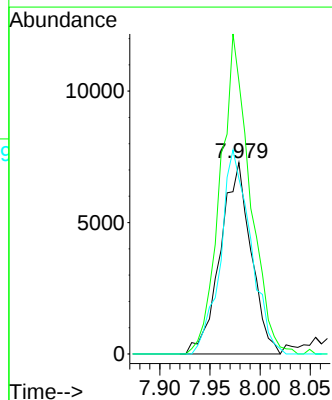
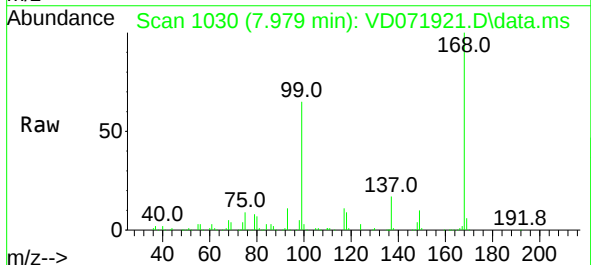


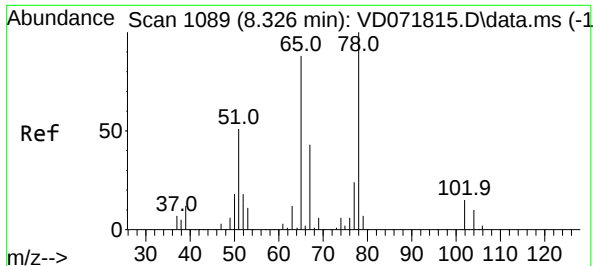
Tgt Ion:	84	Resp:	5365
Ion	Ratio	Lower	Upper
84	100		
49	120.8	112.8	169.2
51	52.7	32.6	48.8#
86	68.9	47.9	71.9



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071921.D
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Tgt Ion:	56	Resp:	15517
Ion	Ratio	Lower	Upper
56	100		
69	142.5	25.4	38.2#
84	91.7	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 55.570 ug/l

RT: 8.326 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071921.D

Acq: 08 Feb 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

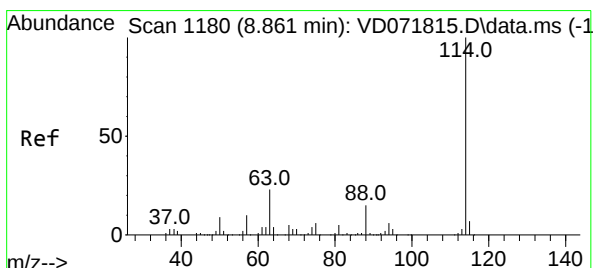
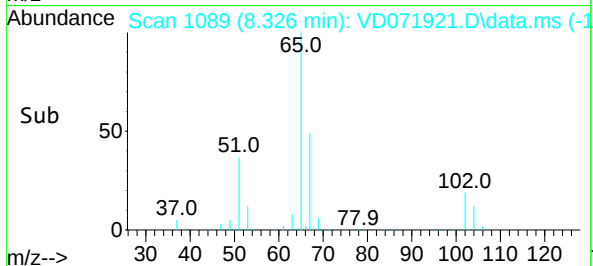
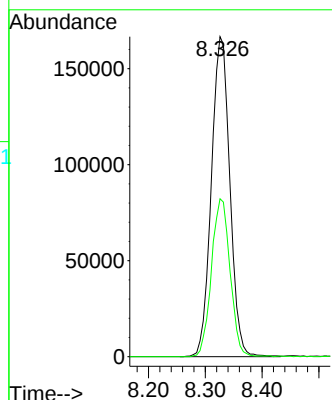
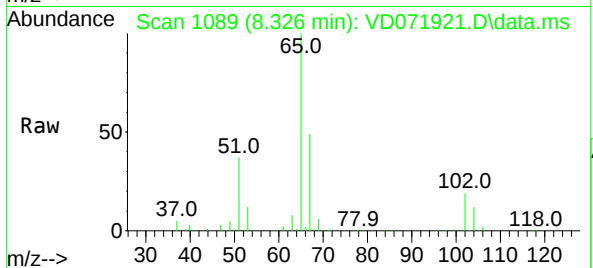
VIBLK

Tgt Ion: 65 Resp: 375698

Ion Ratio Lower Upper

65 100

67 49.7 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: VD071921.D

Acq: 08 Feb 2022 16:46

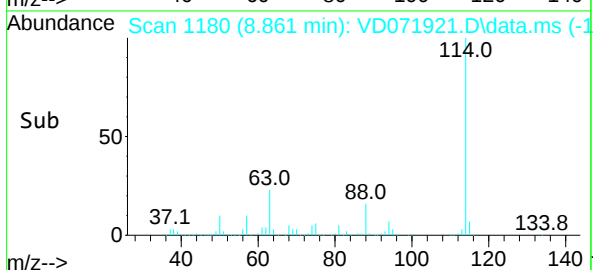
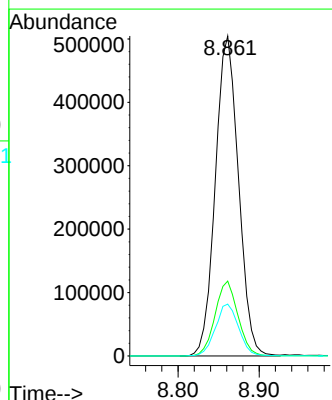
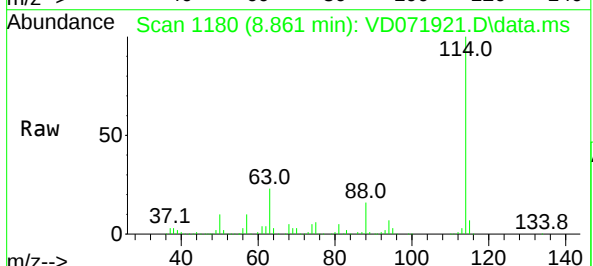
Tgt Ion: 114 Resp: 999648

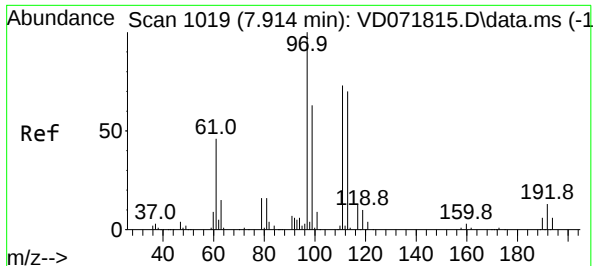
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.6

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.509 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071921.D

Acq: 08 Feb 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

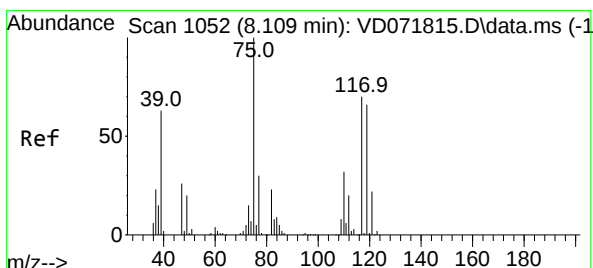
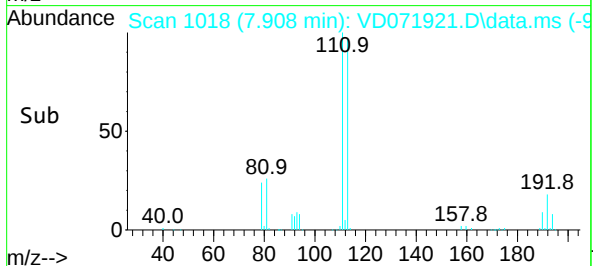
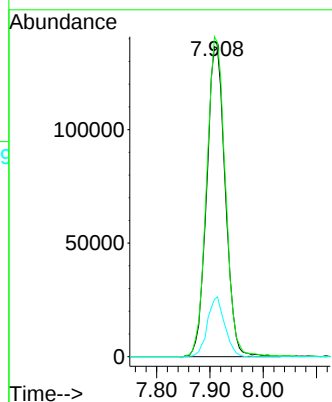
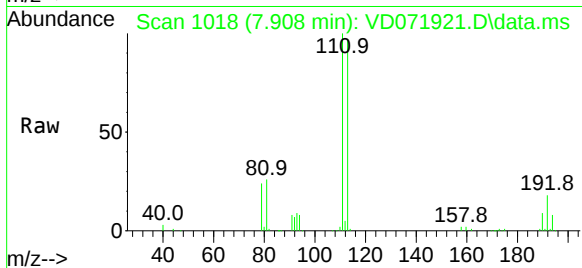
Tgt Ion:113 Resp: 331892

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.136 min

Lab File: VD071921.D

Acq: 08 Feb 2022 16:46

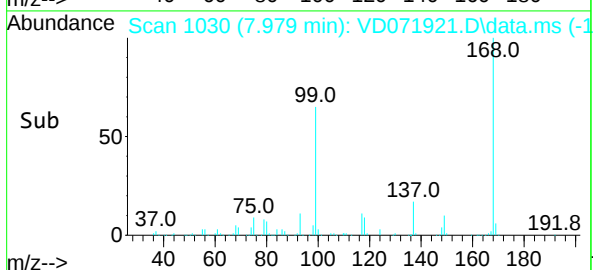
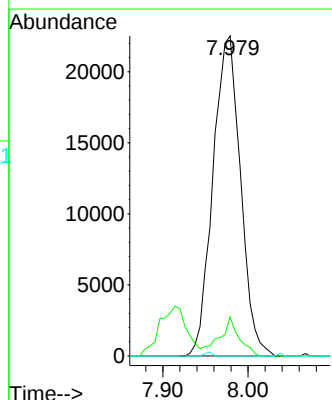
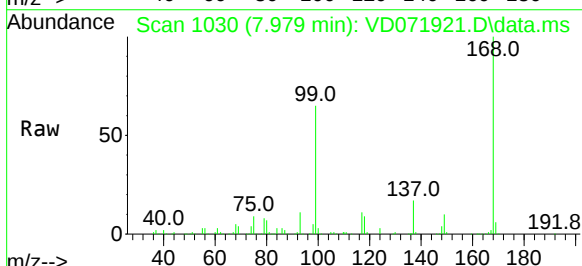
Tgt Ion: 75 Resp: 50584

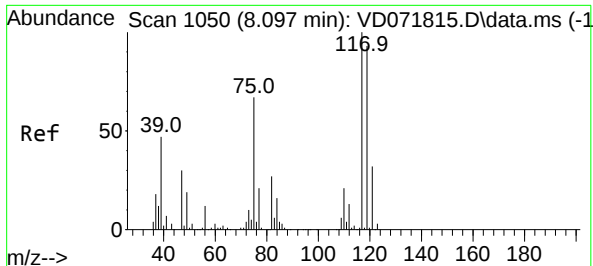
Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.1#

77 0.0 24.2 36.2#

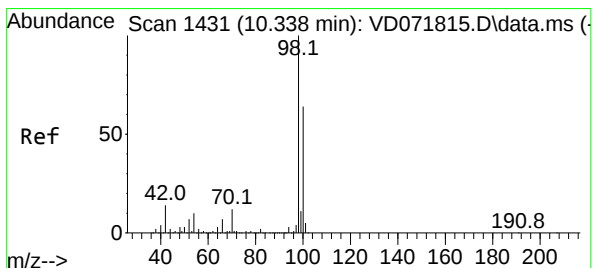
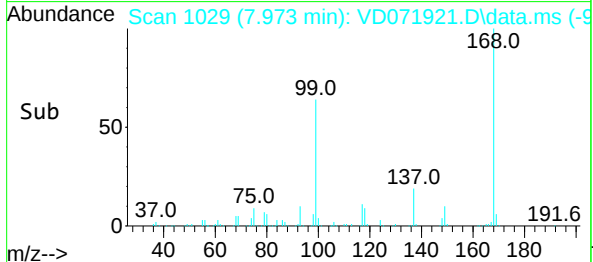
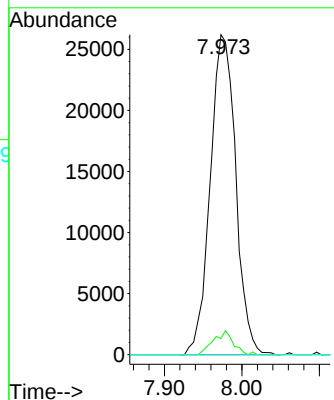
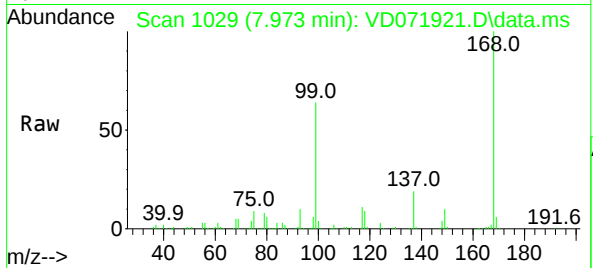




#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

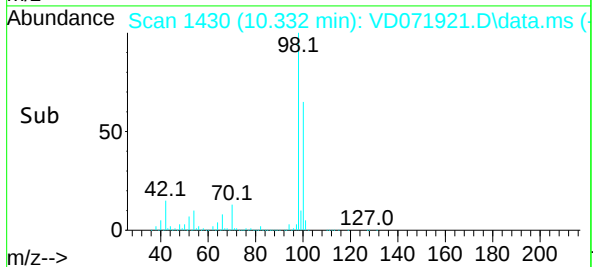
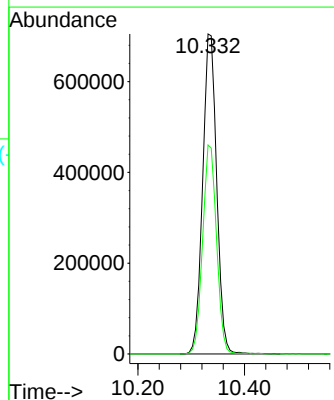
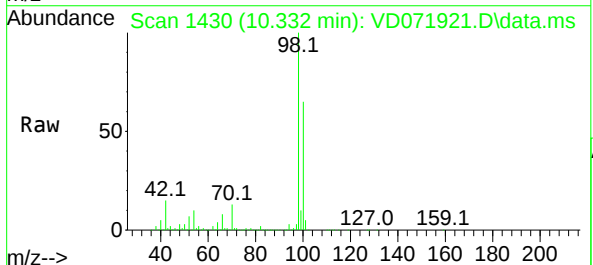
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

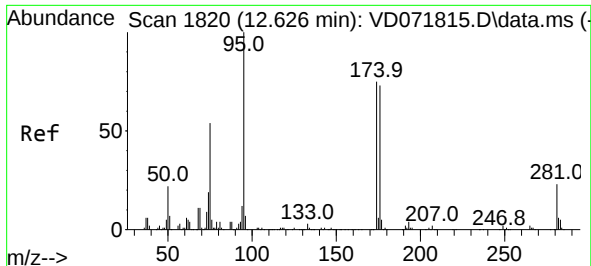
Tgt Ion:117 Resp: 59847
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.323 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

Tgt Ion: 98 Resp: 1284035
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

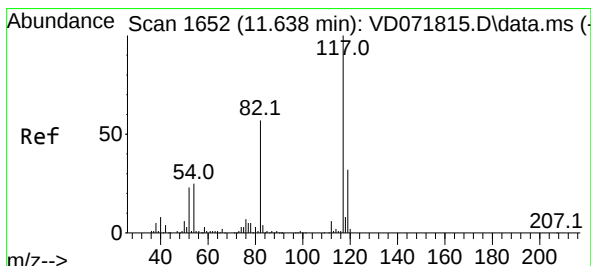
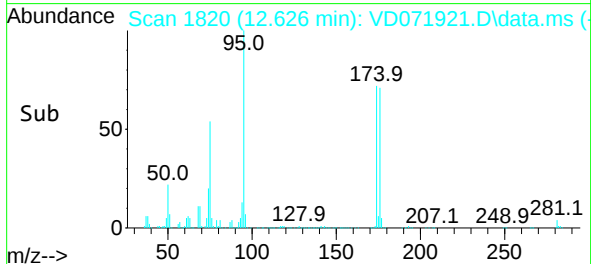
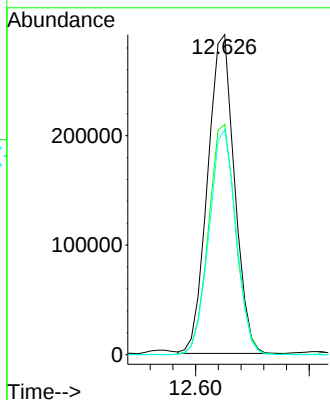
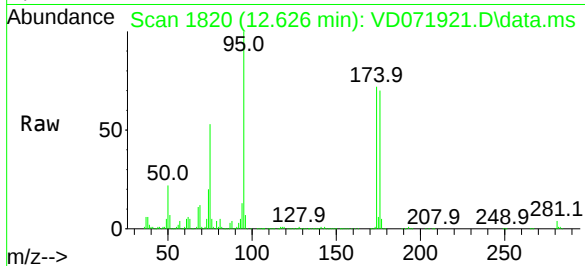




#62
4-Bromofluorobenzene
Concen: 55.850 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

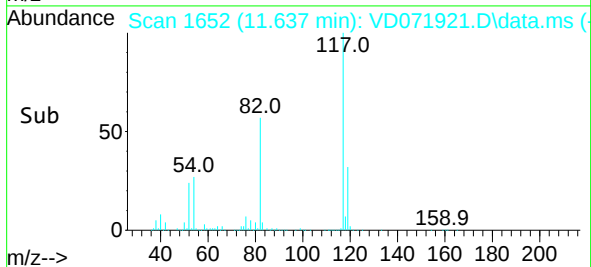
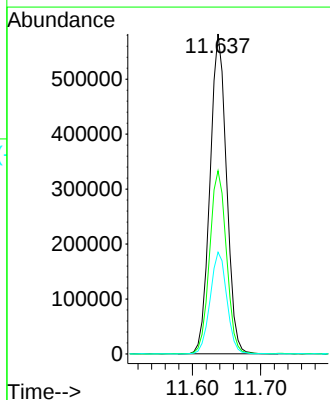
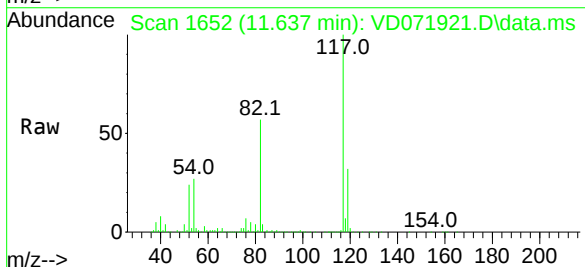
Instrument :
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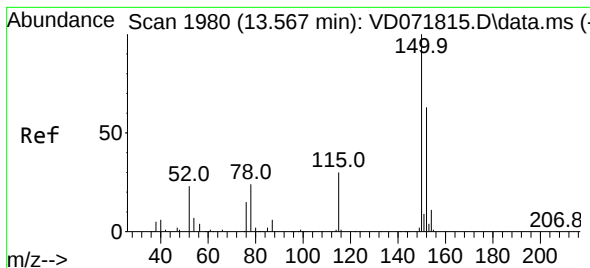
Tgt Ion: 95 Resp: 478628
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.8
176 71.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

Tgt Ion: 117 Resp: 983280
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.8 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071921.D

Acq: 08 Feb 2022 16:46

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

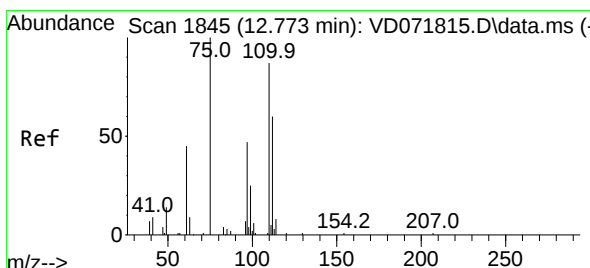
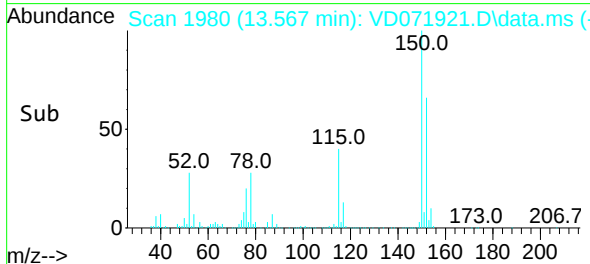
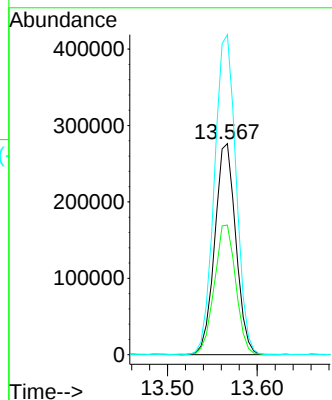
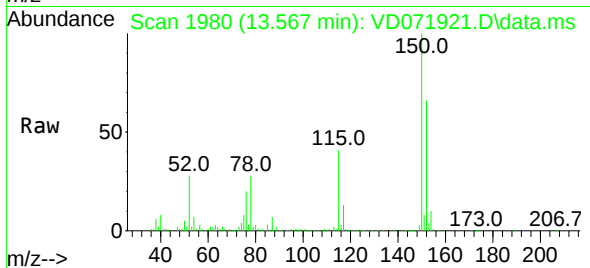
Tgt Ion:152 Resp: 450407

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

150 155.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 56.271 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD071921.D

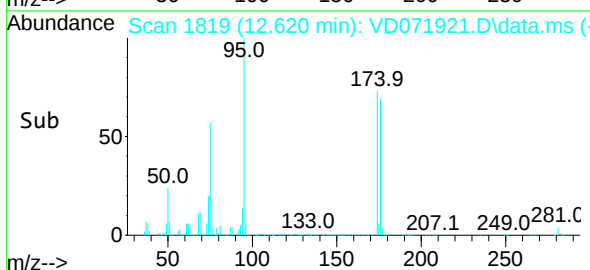
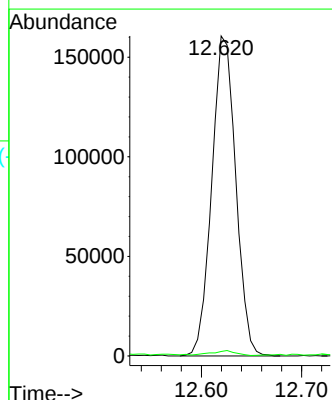
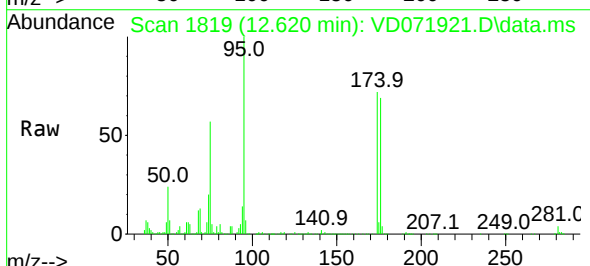
Acq: 08 Feb 2022 16:46

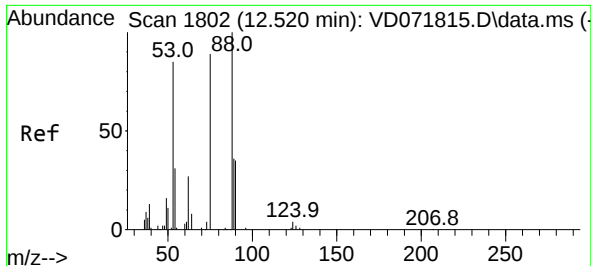
Tgt Ion: 75 Resp: 267102

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

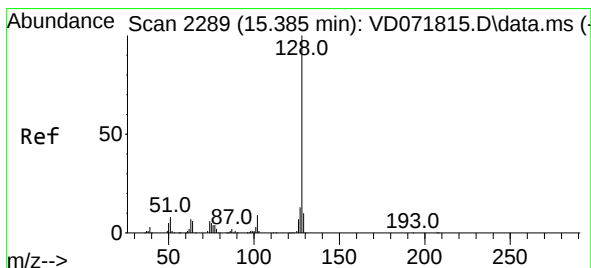
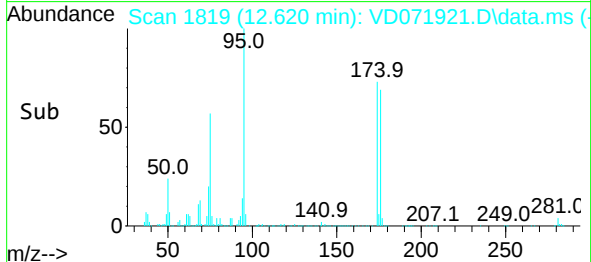
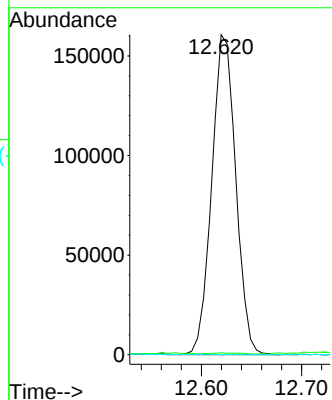
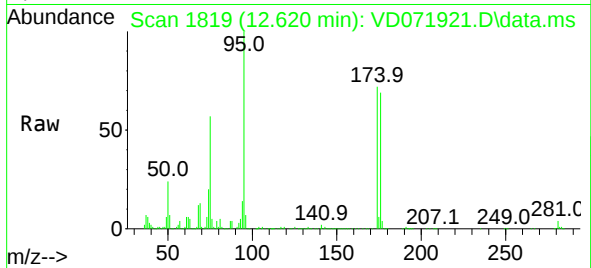




#81
trans-1,4-Dichloro-2-butene
Concen: 138.357 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 267102
Ion Ratio Lower Upper
75 100
53 0.6 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.465 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071921.D
Acq: 08 Feb 2022 16:46

Tgt Ion: 128 Resp: 183
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 155.2 8.4 12.6#

