

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070421.D
 Acq On : 22 Sep 2021 12:36
 Operator : VA/SY
 Sample : M3823-03RE
 Misc : 10.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DKM-ENV-IG-GRAB

Quant Time: Sep 23 05:31:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

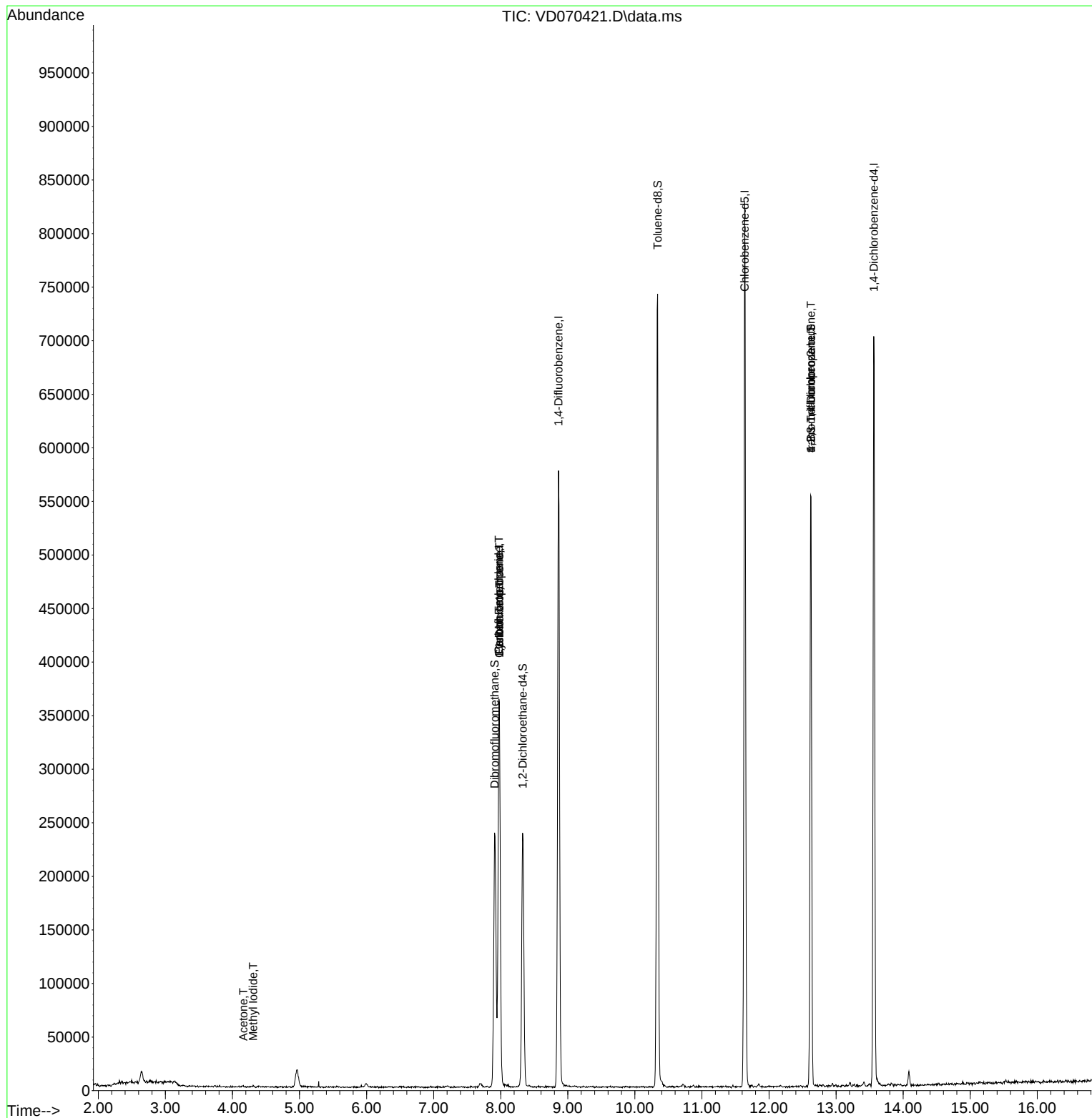
Internal Standards						
1) Pentafluorobenzene	7.973	168	259928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	503993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	489856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	187473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190916	57.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.400%
35) Dibromofluoromethane	7.908	113	179024	49.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.338	98	517654	39.742	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.480%
62) 4-Bromofluorobenzene	12.626	95	167015	36.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.380%
Target Compounds						
2) Dichlorodifluoromethane	1.991	85	397	Below Cal	#	43
3) Chloromethane	2.203	50	737	Below Cal		98
5) Bromomethane	2.750	94	164	Below Cal	#	4
6) Chloroethane	2.920	64	146	Below Cal	#	43
10) Methyl Iodide	4.309	142	591	1.209	ug/l #	61
16) Acetone	4.162	43	1246	2.091	ug/l	87
18) Methyl Acetate	4.726	43	76	Below Cal	#	48
20) Methylene Chloride	4.967	84	14114	Below Cal		87
31) Cyclohexane	7.979	56	6120	1.065	ug/l #	9
36) 1,1-Dichloropropene	7.979	75	23000	4.270	ug/l #	50
38) Carbon Tetrachloride	7.973	117	28200	5.293	ug/l #	21
76) 1,2,3-Trichloropropane	12.626	75	80461	42.430	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	80461	106.313	ug/l #	17

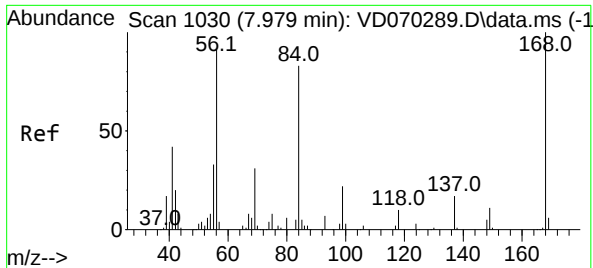
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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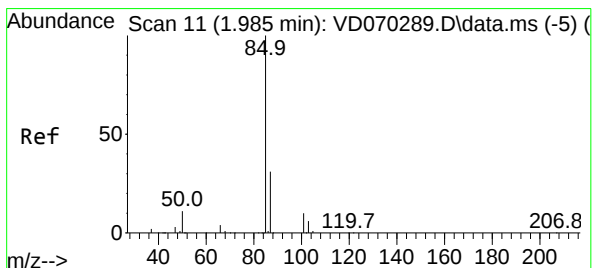
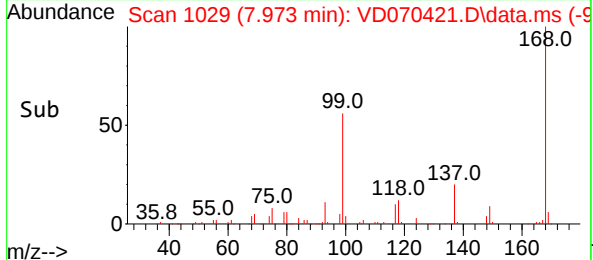
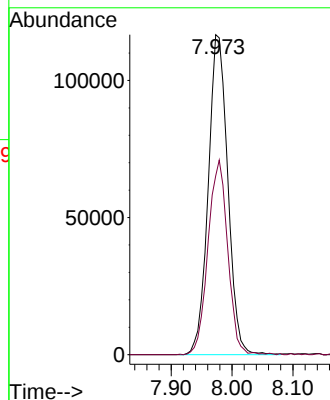
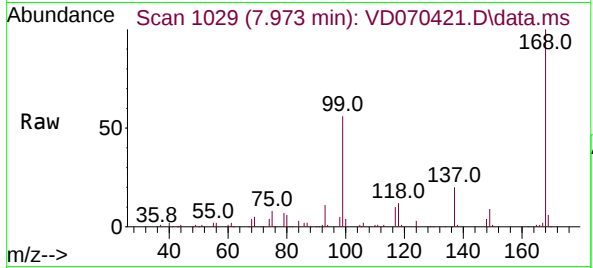




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

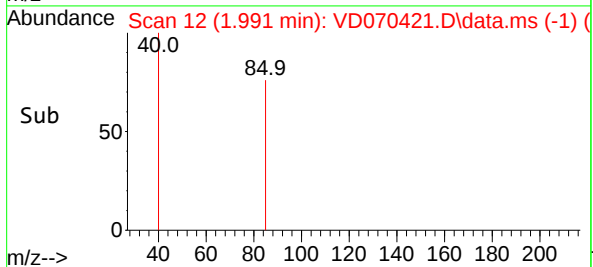
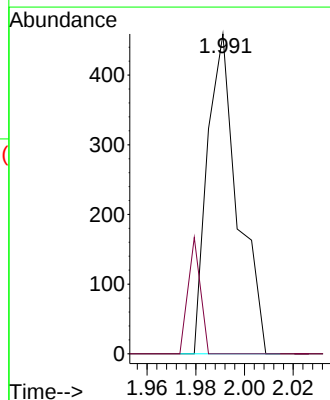
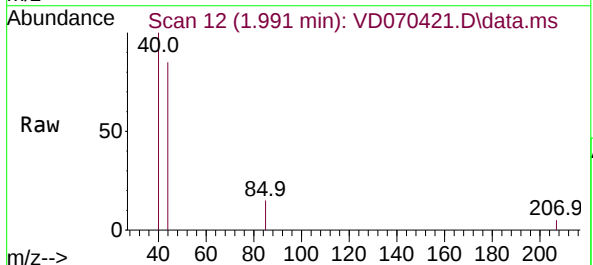
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-GRAB

Tgt Ion:168 Resp: 259928
Ion Ratio Lower Upper
168 100
99 55.7 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

Tgt Ion: 85 Resp: 397
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

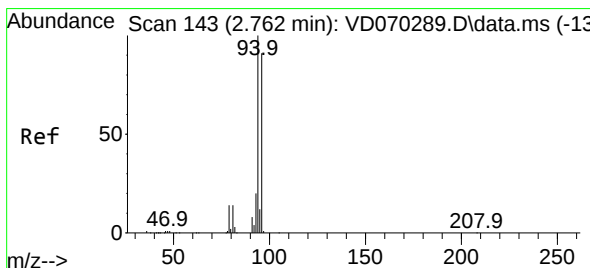
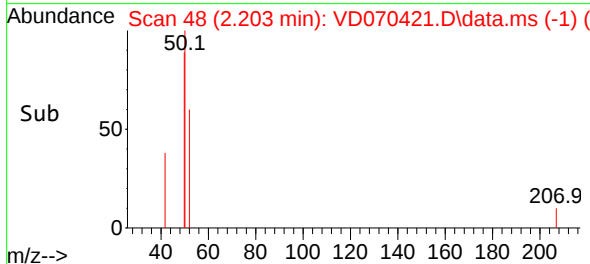
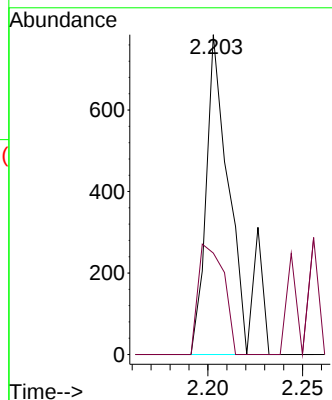
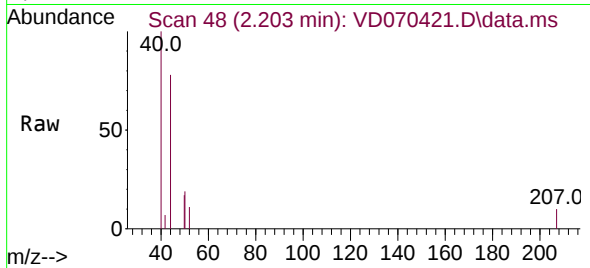




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

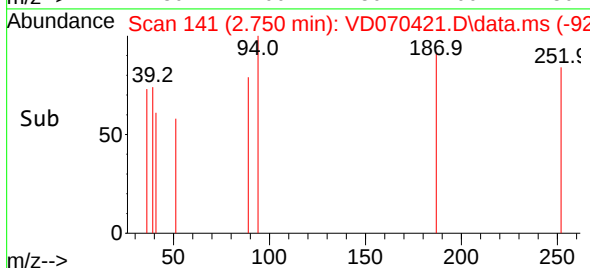
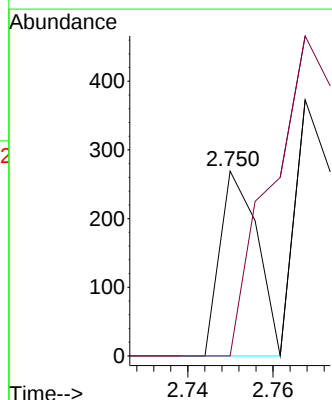
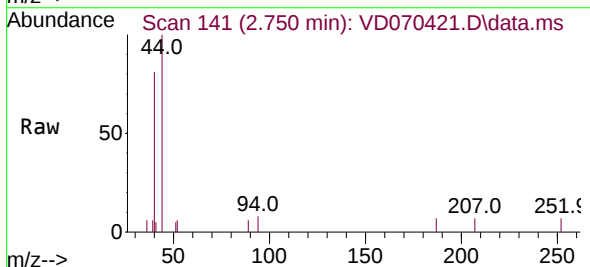
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-GRAB

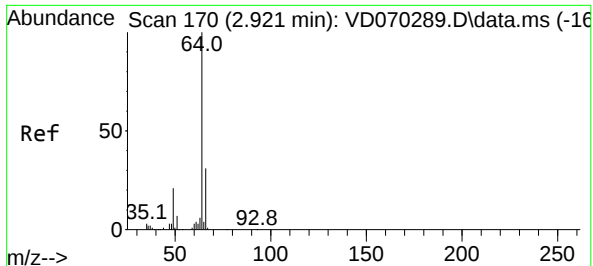
Tgt Ion: 50 Resp: 737
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

Tgt Ion: 94 Resp: 164
Ion Ratio Lower Upper
94 100
96 0.0 73.0 109.6#

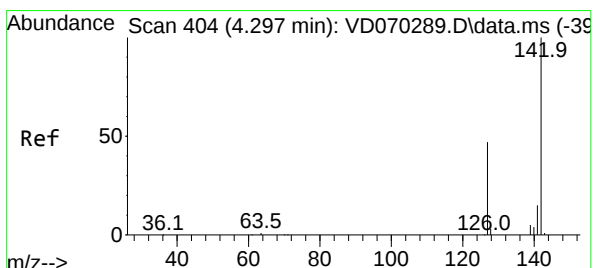
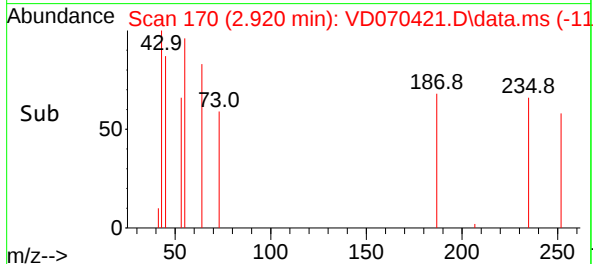
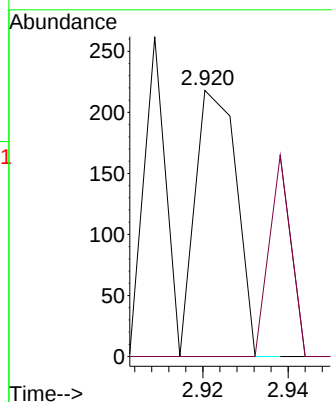
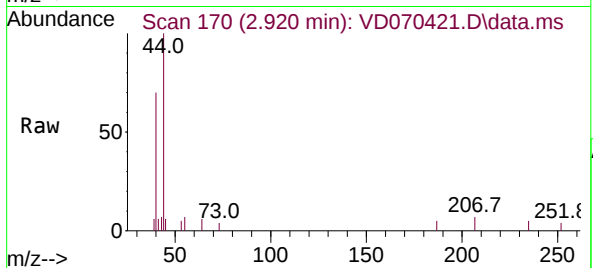




#6
Chloroethane
Concen: Below Cal
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

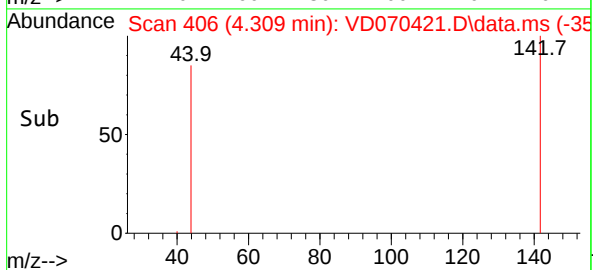
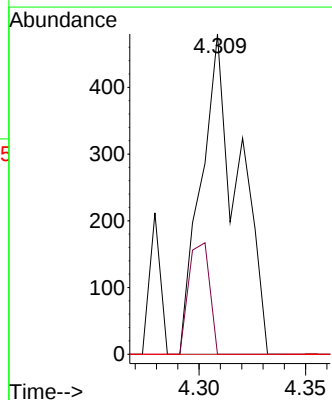
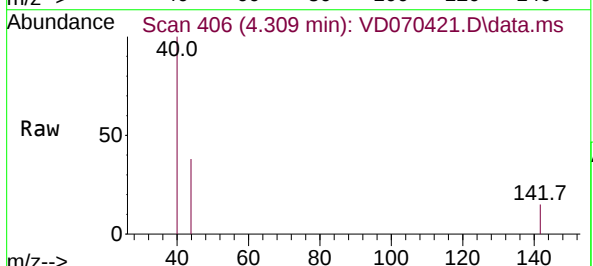
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-GRAB

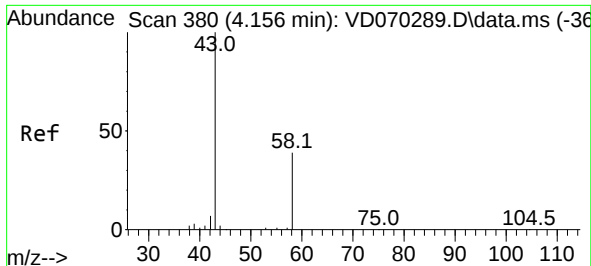
Tgt Ion: 64 Resp: 146
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.209 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

Tgt Ion: 142 Resp: 591
Ion Ratio Lower Upper
142 100
127 19.3 36.9 55.3#
141 0.0 11.8 17.6#

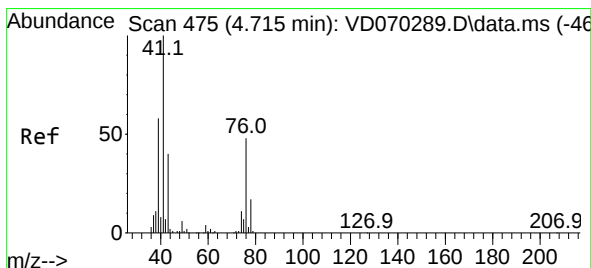
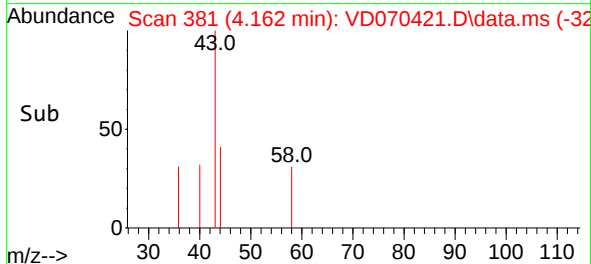
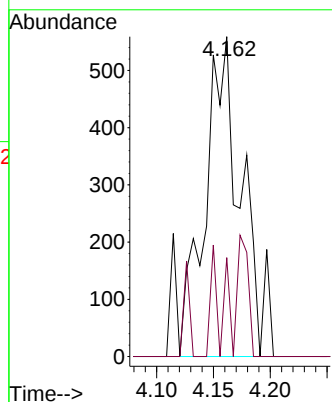
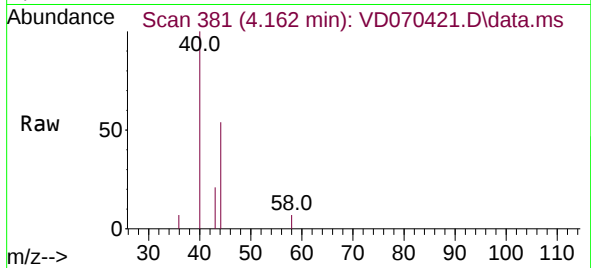




#16
Acetone
Concen: 2.091 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

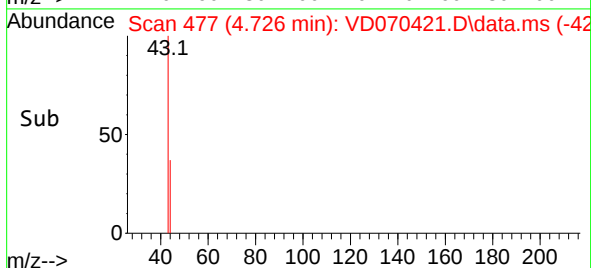
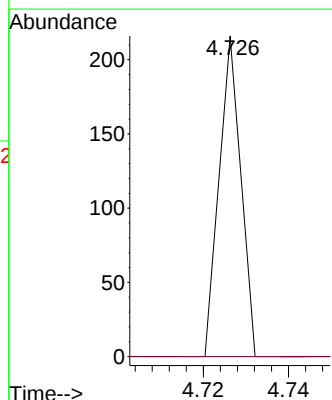
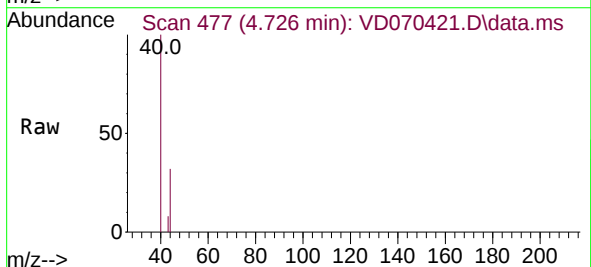
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-GRAB

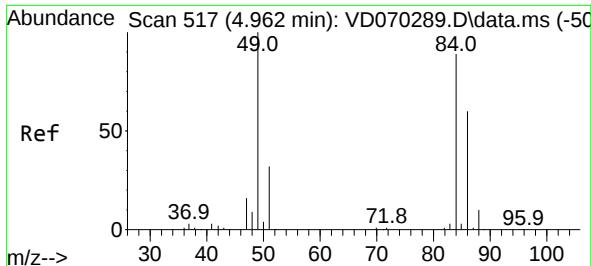
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 30.9 30.9 46.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

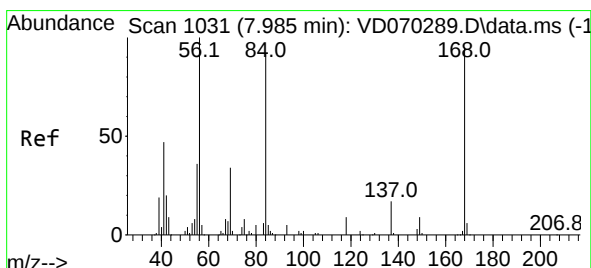
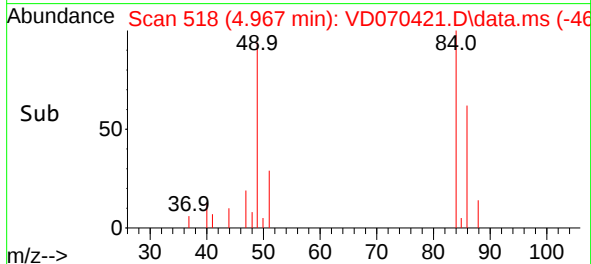
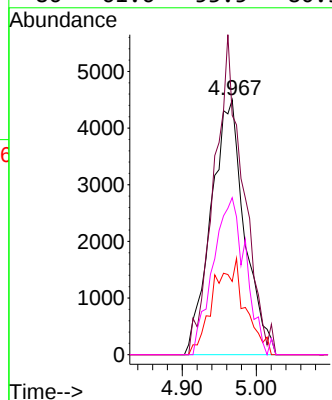
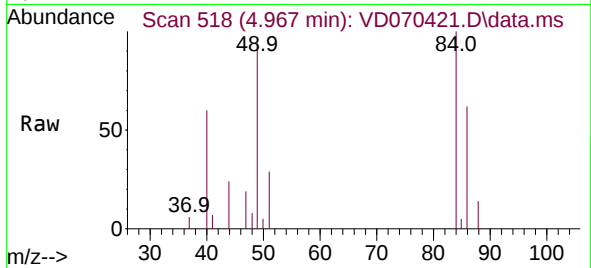




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

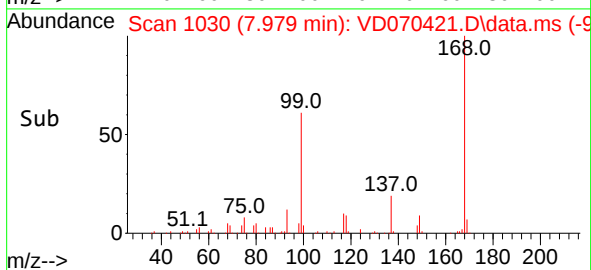
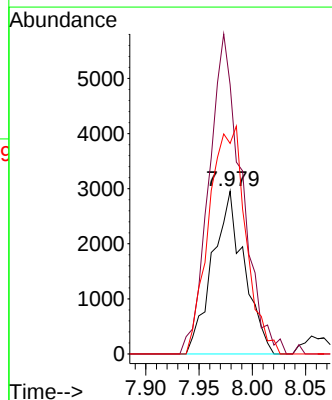
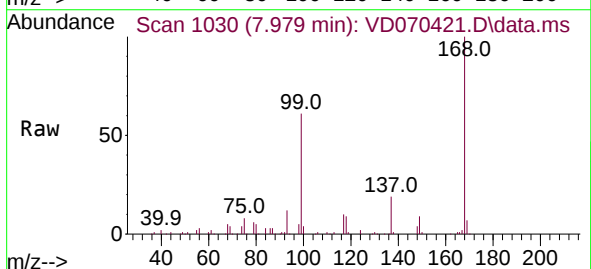
Instrument :
MSVOA_D
ClientSampleId :
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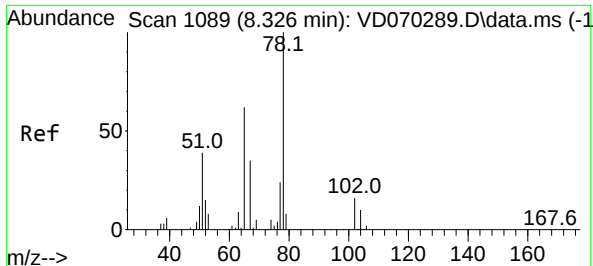
Tgt Ion:	84	Resp:	14114
Ion	Ratio	Lower	Upper
84	100		
49	93.9	89.6	134.4
51	28.7	28.6	43.0
86	61.6	53.5	80.3



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

Tgt Ion:	56	Resp:	6120
Ion	Ratio	Lower	Upper
56	100		
69	165.4	26.9	40.3#
84	129.3	73.6	110.4#

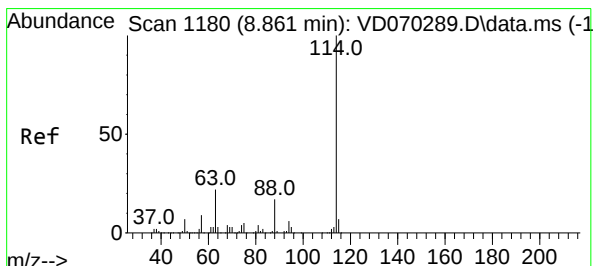
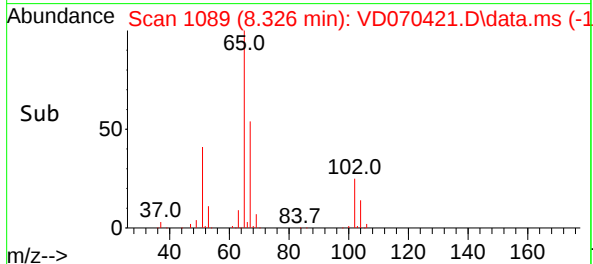
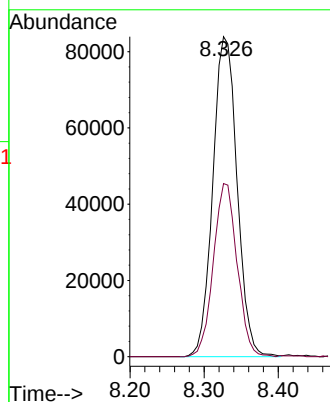
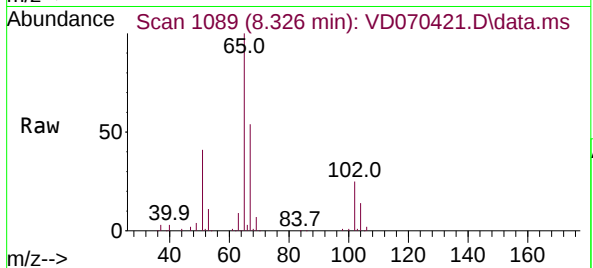




#33
1,2-Dichloroethane-d4
Concen: 57.203 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

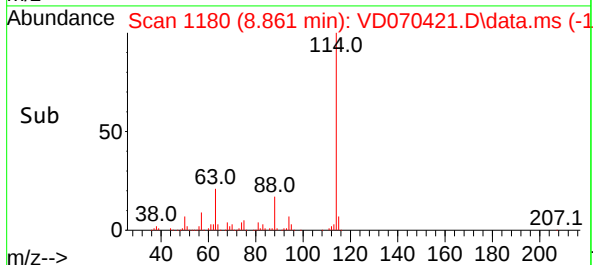
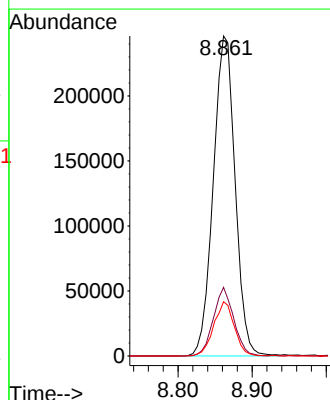
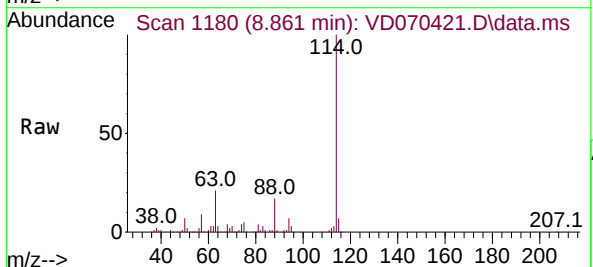
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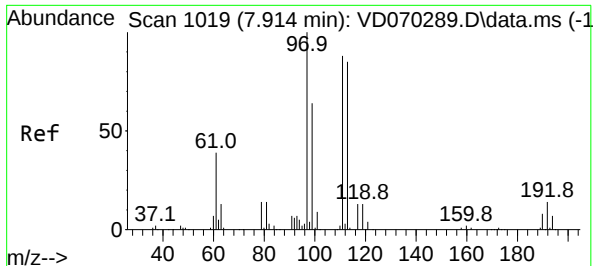
Tgt Ion: 65 Resp: 190916
Ion Ratio Lower Upper
65 100
67 52.9 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

Tgt Ion: 114 Resp: 503993
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.902 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070421.D

Acq: 22 Sep 2021 12:36

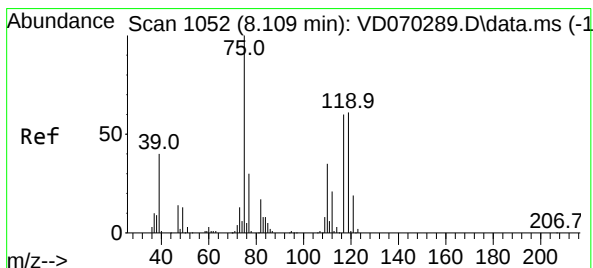
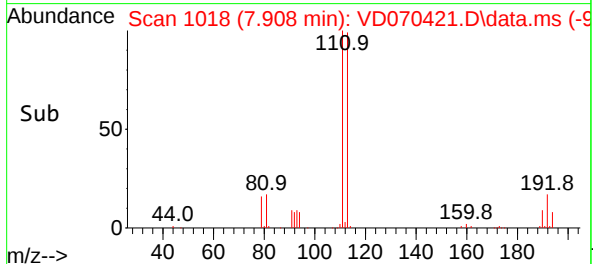
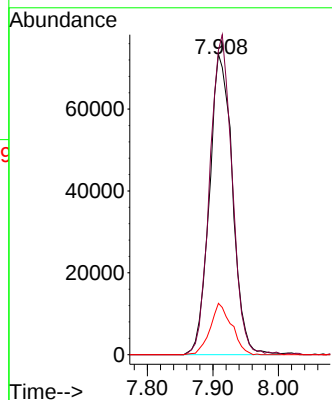
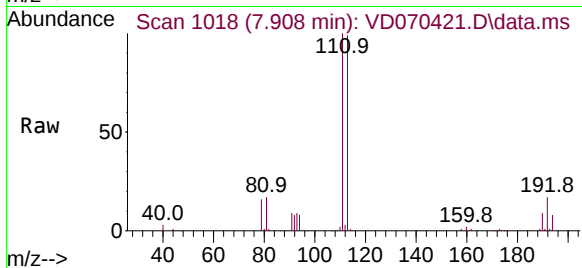
Tgt Ion:113 Resp: 179024

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

192 16.0 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.270 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD070421.D

Acq: 22 Sep 2021 12:36

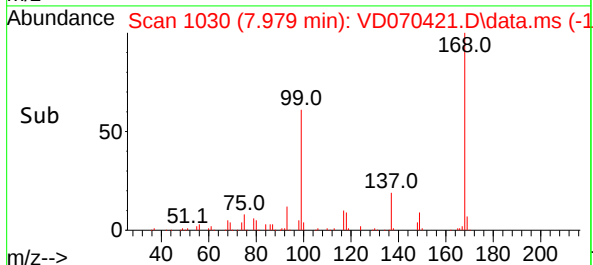
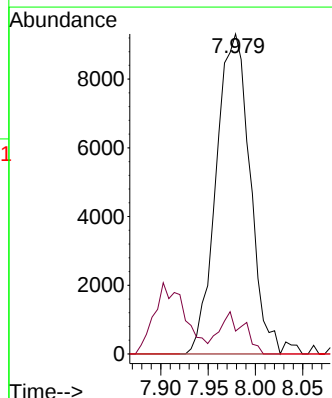
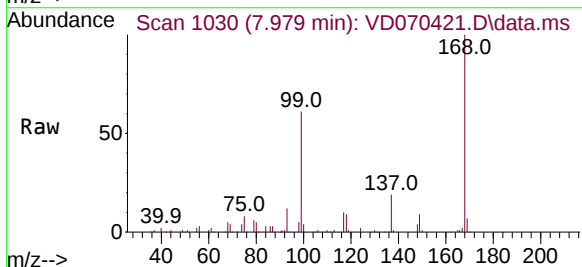
Tgt Ion: 75 Resp: 23000

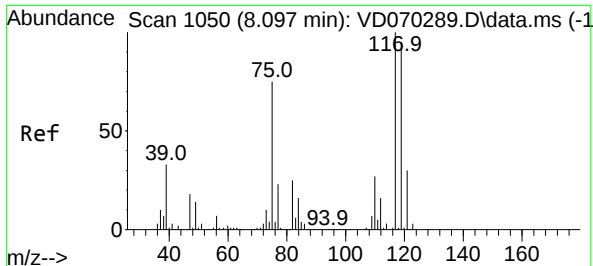
Ion Ratio Lower Upper

75 100

110 9.6 17.9 53.7#

77 0.0 25.3 37.9#

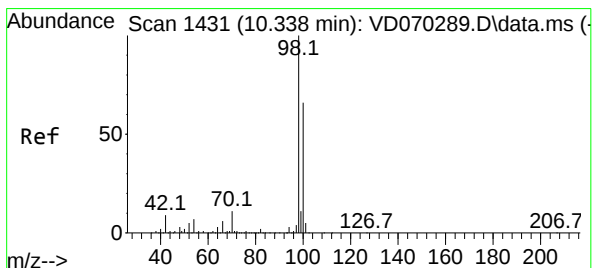
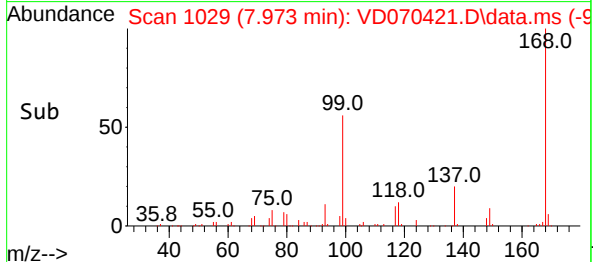
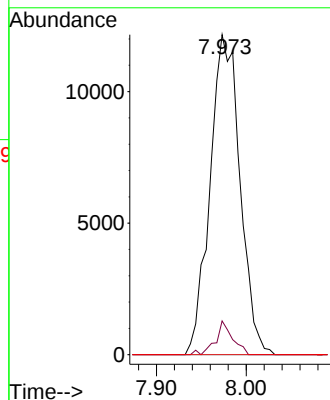
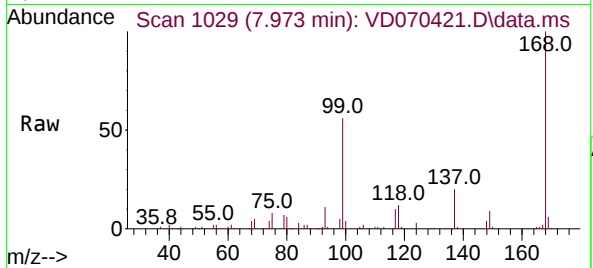




#38
Carbon Tetrachloride
Concen: 5.293 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

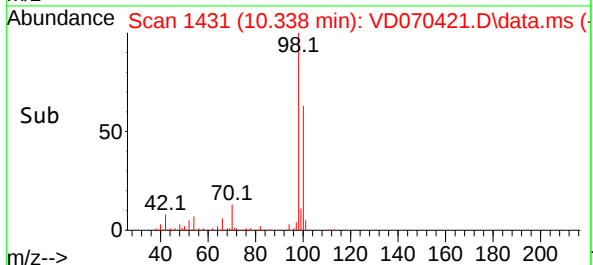
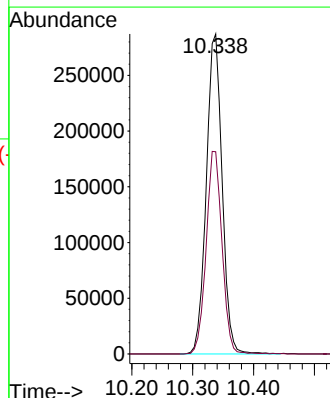
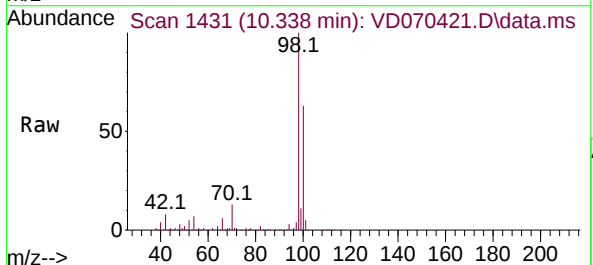
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-GRAB

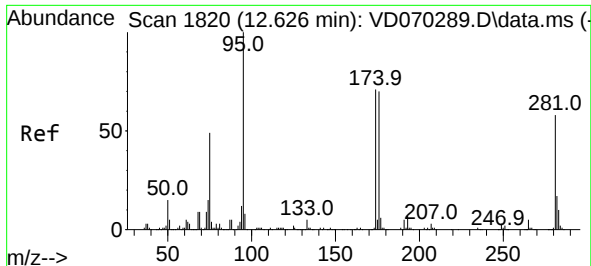
Tgt Ion:117 Resp: 28200
Ion Ratio Lower Upper
117 100
119 10.5 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 39.742 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

Tgt Ion: 98 Resp: 517654
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

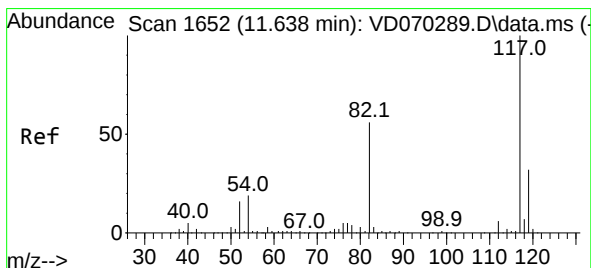
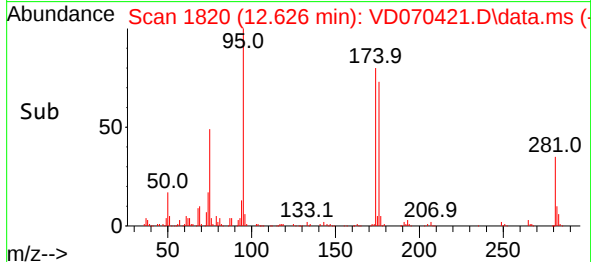
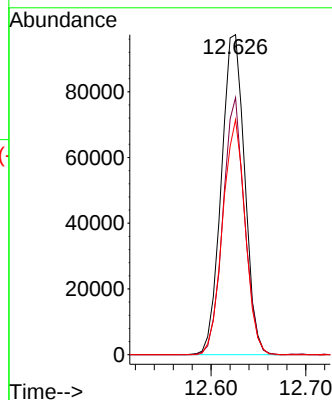
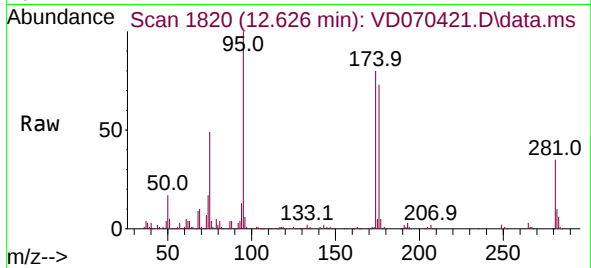




#62
4-Bromofluorobenzene
Concen: 36.689 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

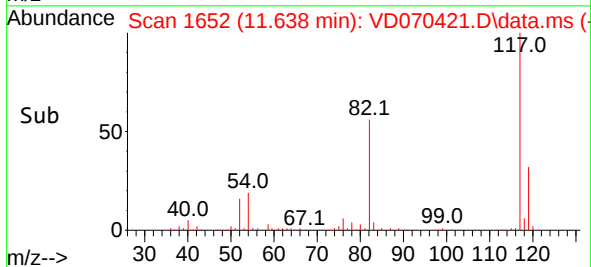
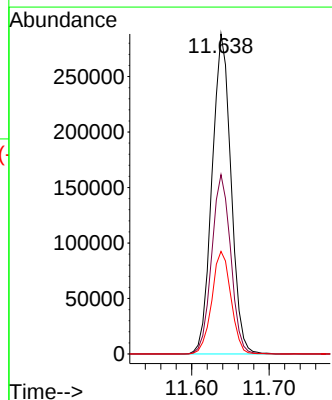
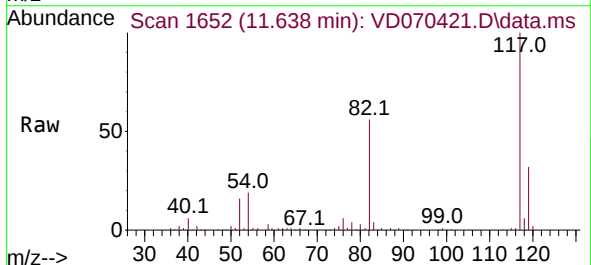
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-GRAB

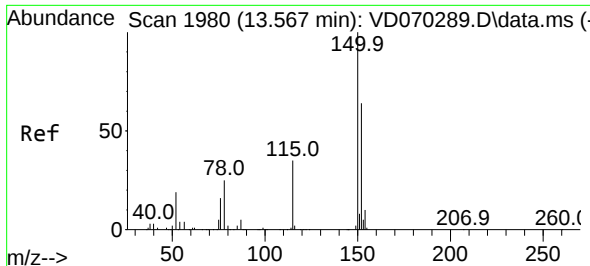
Tgt Ion: 95 Resp: 167015
Ion Ratio Lower Upper
95 100
174 74.3 0.0 140.6
176 70.9 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070421.D
Acq: 22 Sep 2021 12:36

Tgt Ion: 117 Resp: 489856
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 32.1 25.2 37.8

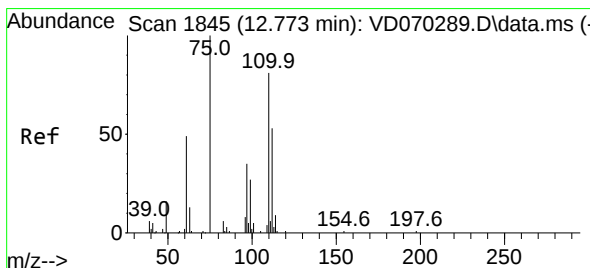
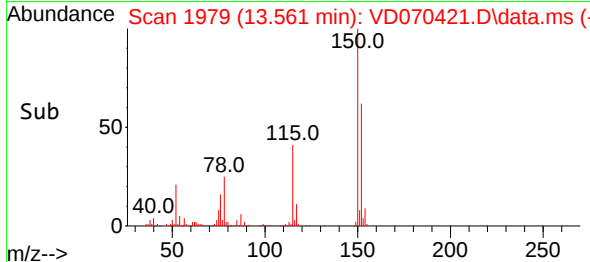
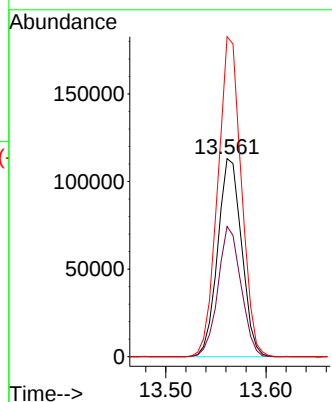
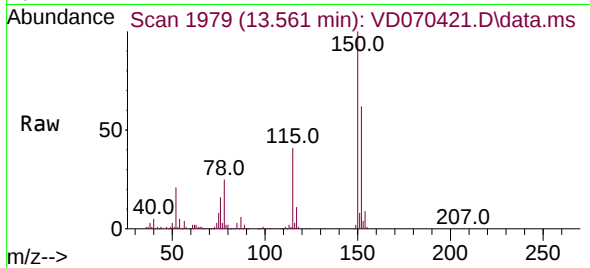




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070421.D
 Acq: 22 Sep 2021 12:36

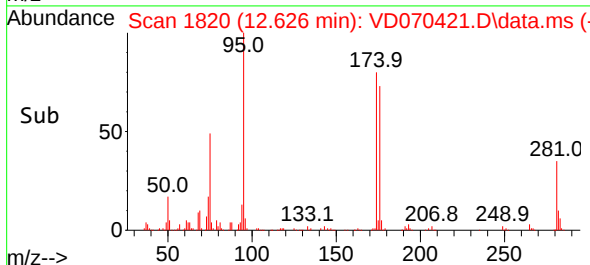
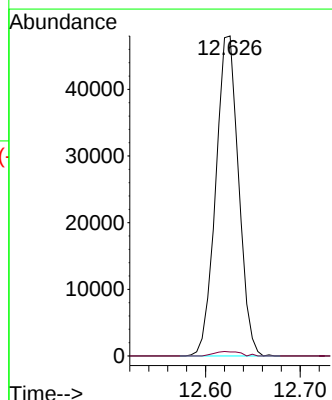
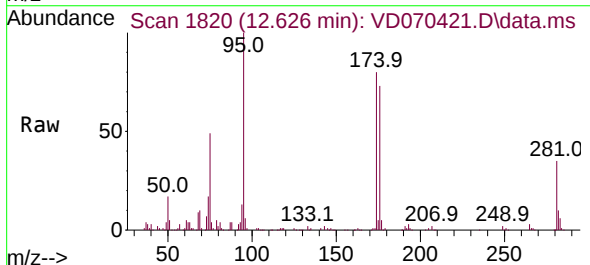
Instrument :
 MSVOA_D
 ClientSampleId :
 DKM-ENV-IG-GRAB

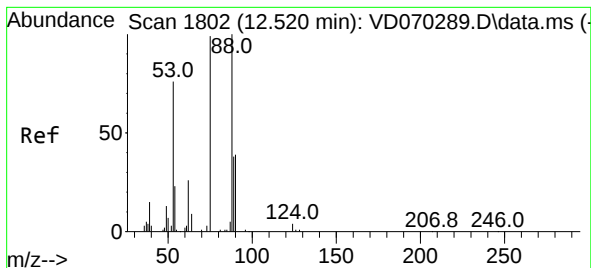
Tgt Ion:152 Resp: 187473
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.1 96.3
 150 158.8 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 42.430 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070421.D
 Acq: 22 Sep 2021 12:36

Tgt Ion: 75 Resp: 80461
 Ion Ratio Lower Upper
 75 100
 77 1.6 174.9 524.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 106.313 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.106 min

Lab File: VD070421.D

Acq: 22 Sep 2021 12:36

Tgt Ion: 75 Resp: 80461

Ion Ratio Lower Upper

75 100

53 0.2 64.2 96.2#

89 0.2 35.6 53.4#

Instrument :

MSVOA_D

ClientSampleId :

DKM-ENV-IG-GRAB

