

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070508.D
 Acq On : 28 Sep 2021 17:52
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 23:44:19 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)

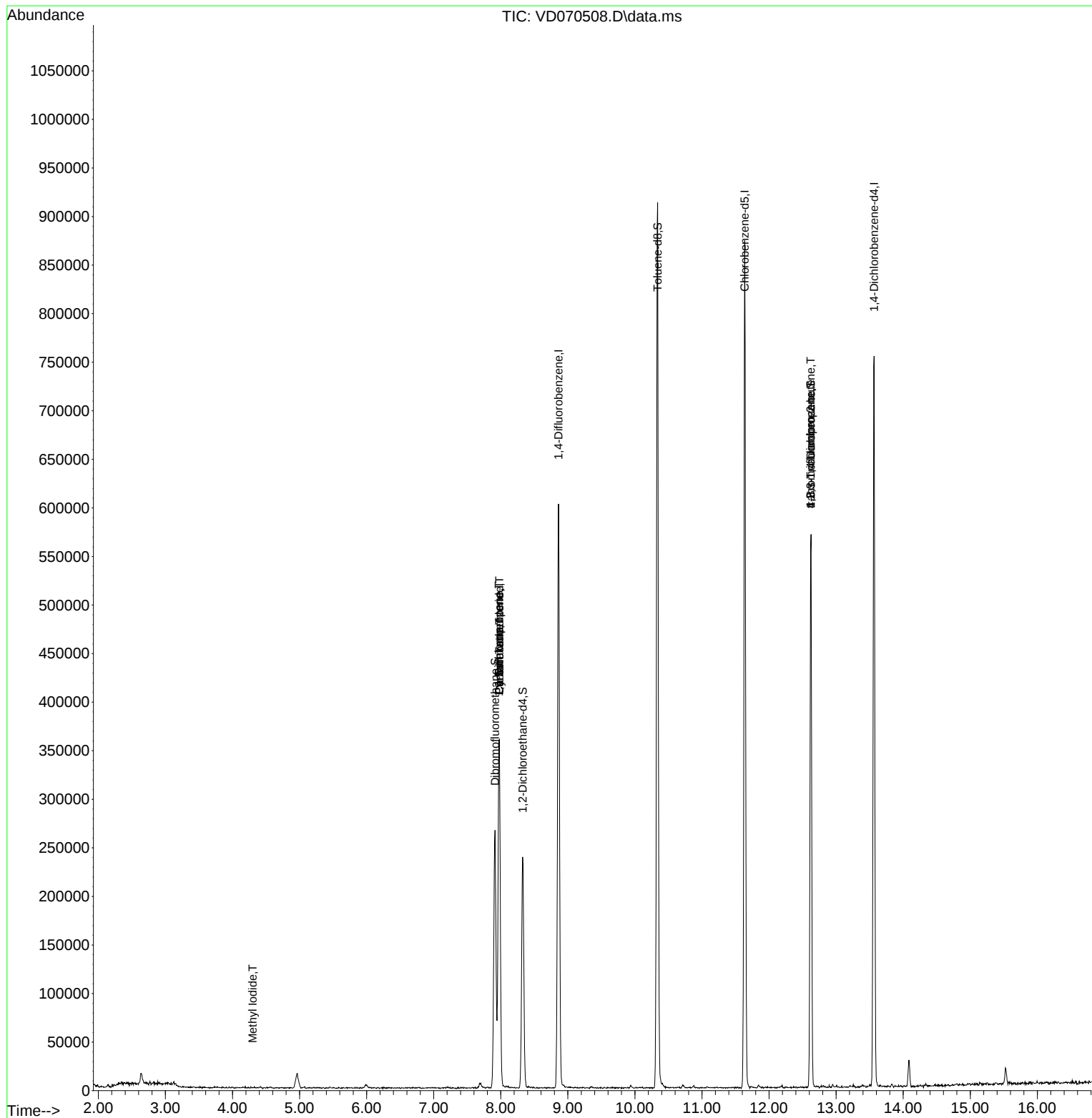
Internal Standards						
1) Pentafluorobenzene	7.979	168	263566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	526044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	514685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	206822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193027	57.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.914	113	196176	52.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.780%
50) Toluene-d8	10.338	98	656133	48.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.620	95	200543	42.208	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.420%
Target Compounds						
2) Dichlorodifluoromethane	1.997	85	467	Below Cal	#	43
3) Chloromethane	2.215	50	409	Below Cal	#	42
5) Bromomethane	2.791	94	1001	Below Cal	#	52
6) Chloroethane	2.938	64	178	Below Cal	#	43
10) Methyl Iodide	4.303	142	272	1.111	ug/l #	39
20) Methylene Chloride	4.961	84	11831	Below Cal	#	85
31) Cyclohexane	7.979	56	6305	1.082	ug/l #	13
36) 1,1-Dichloropropene	7.973	75	23509	4.181	ug/l #	45
38) Carbon Tetrachloride	7.979	117	27606	4.964	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	94451	45.148	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	94451	113.122	ug/l #	17

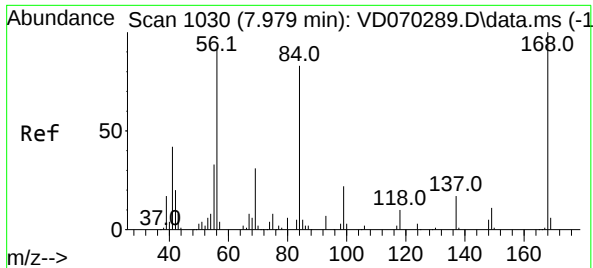
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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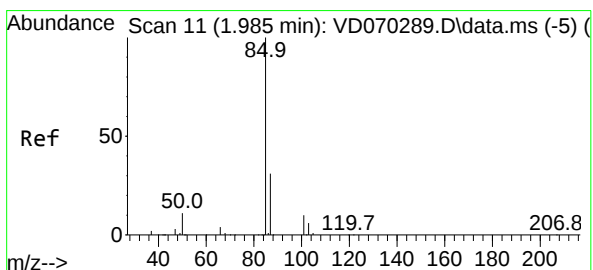
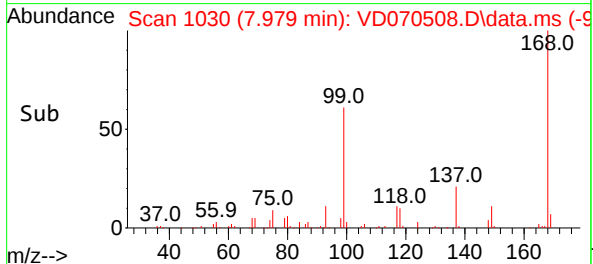
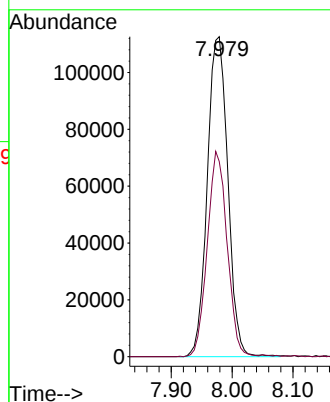
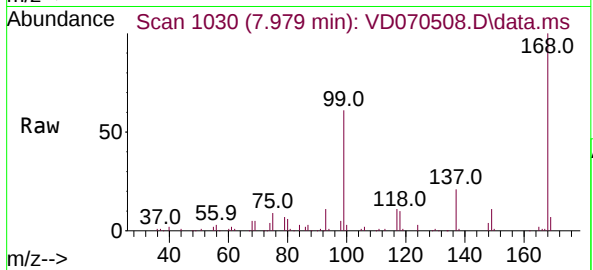




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

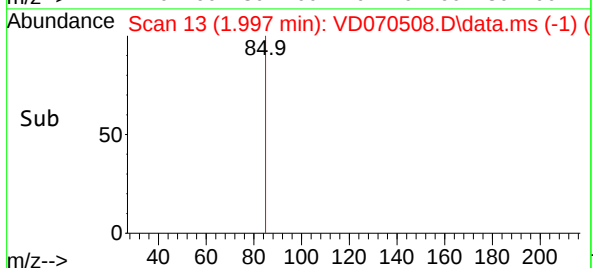
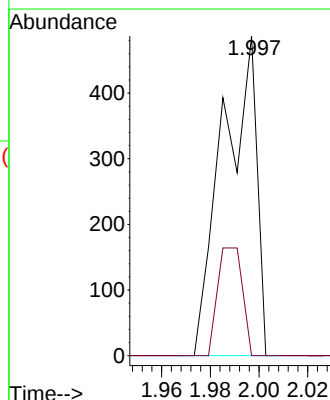
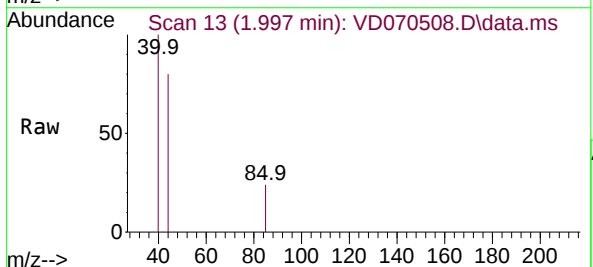
Instrument :
MSVOA_D
ClientSampled :
VIBLK

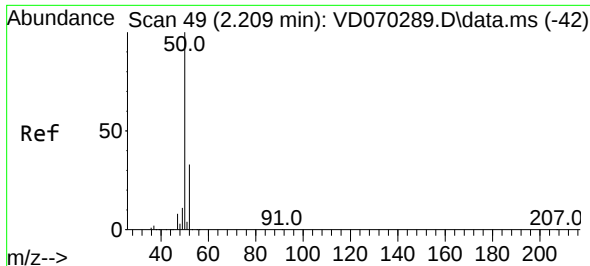
Tgt Ion:168 Resp: 263566
Ion Ratio Lower Upper
168 100
99 60.9 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

Tgt Ion: 85 Resp: 467
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

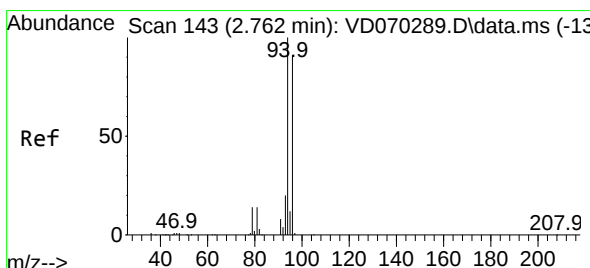
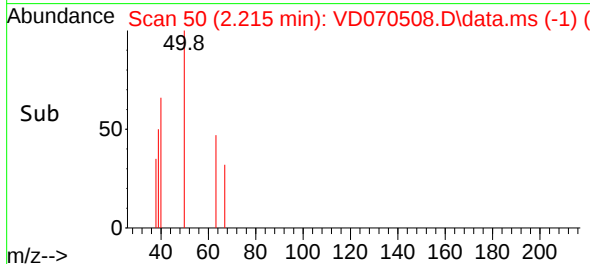
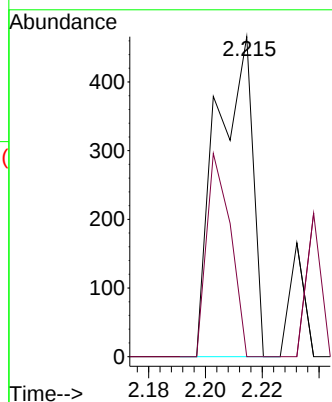
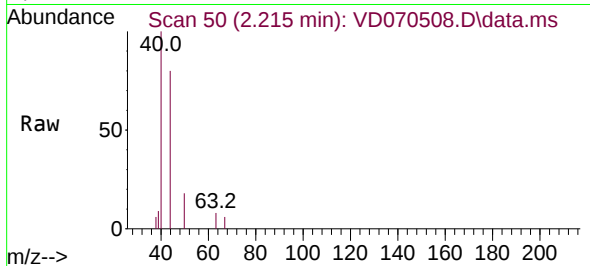




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

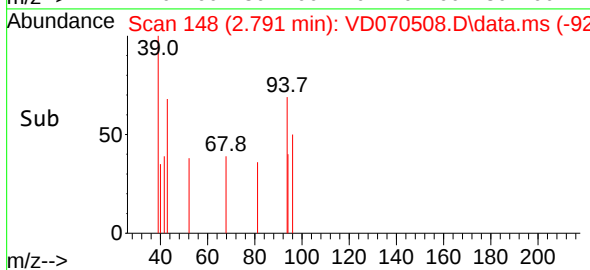
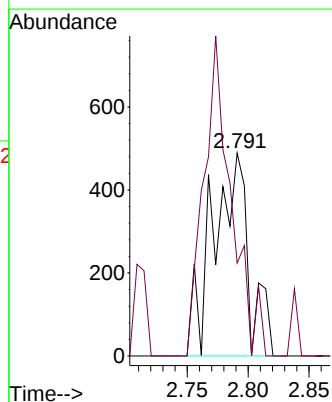
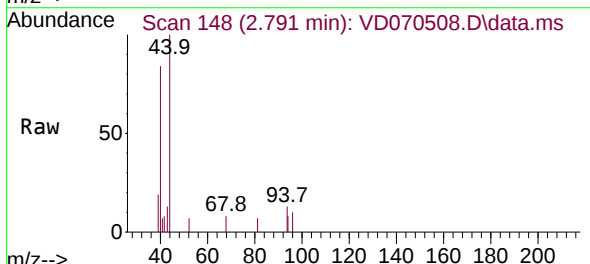
Instrument :
MSVOA_D
ClientSampled :
VIBLK

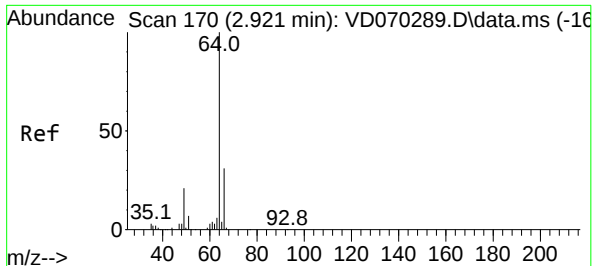
Tgt Ion: 50 Resp: 409
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.029 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

Tgt Ion: 94 Resp: 1001
Ion Ratio Lower Upper
94 100
96 45.8 73.0 109.6#

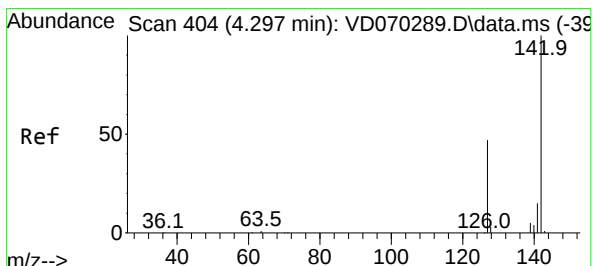
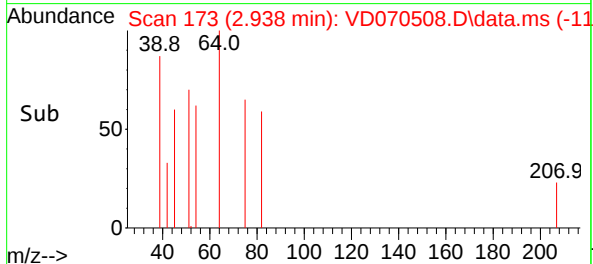
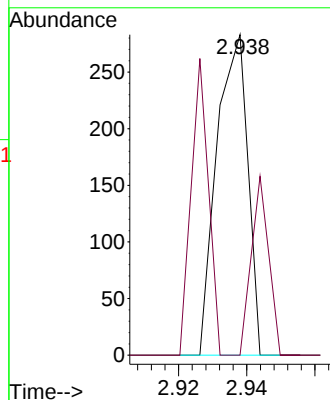
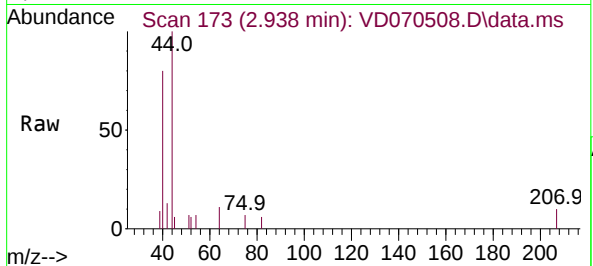




#6
Chloroethane
Concen: Below Cal
RT: 2.938 min Scan# 173
Delta R.T. 0.017 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

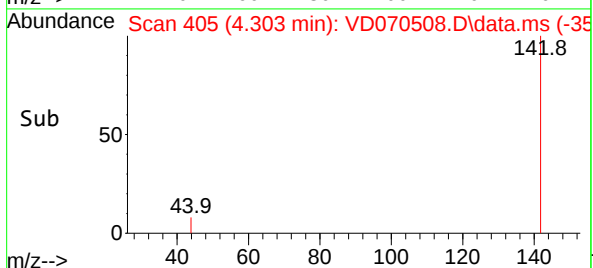
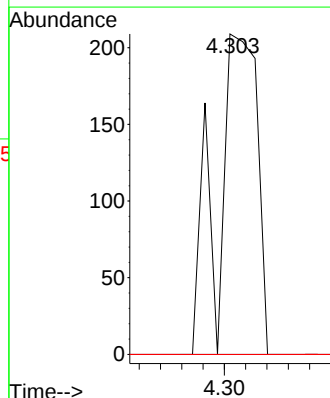
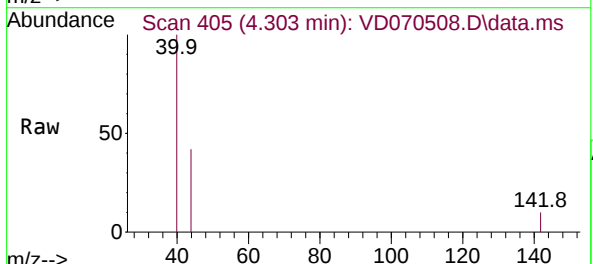
Instrument :
MSVOA_D
ClientSampled :
VIBLK

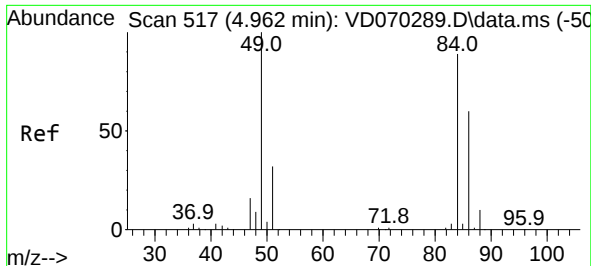
Tgt Ion: 64 Resp: 178
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.111 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

Tgt Ion: 142 Resp: 272
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD070508.D

Acq: 28 Sep 2021 17:52

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 11831

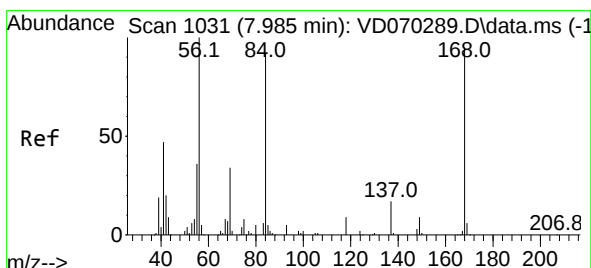
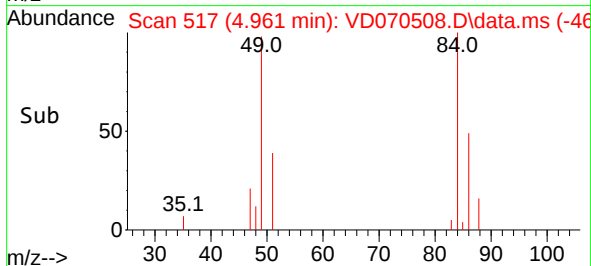
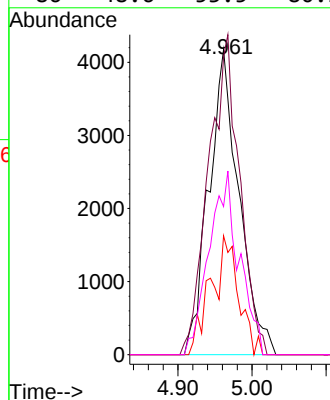
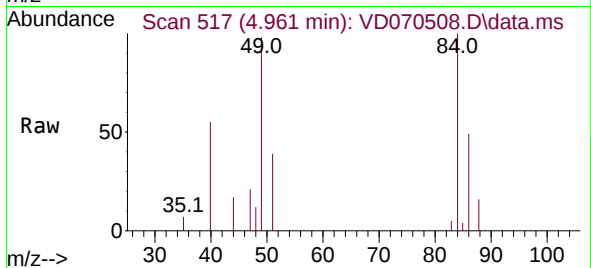
Ion Ratio Lower Upper

84 100

49 97.7 89.6 134.4

51 39.0 28.6 43.0

86 48.6 53.5 80.3#



#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070508.D

Acq: 28 Sep 2021 17:52

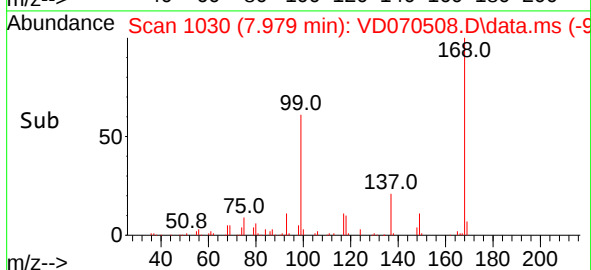
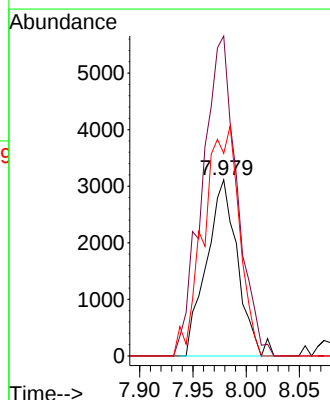
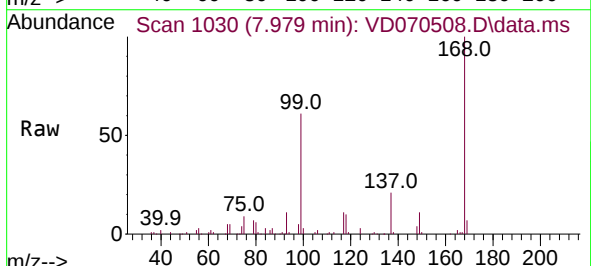
Tgt Ion: 56 Resp: 6305

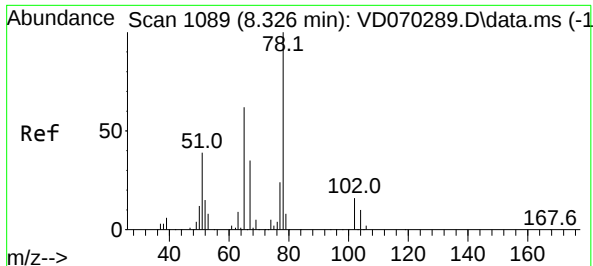
Ion Ratio Lower Upper

56 100

69 181.7 26.9 40.3#

84 115.0 73.6 110.4#



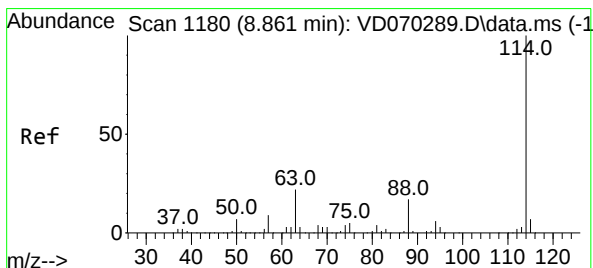
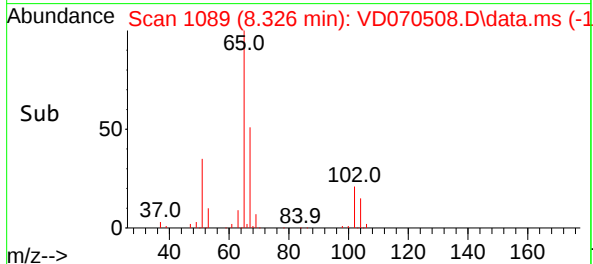
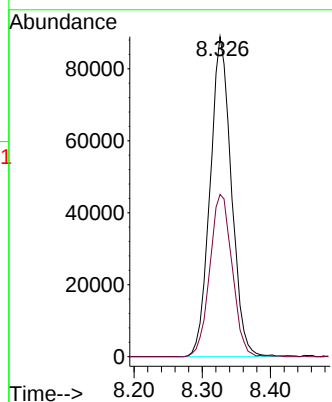
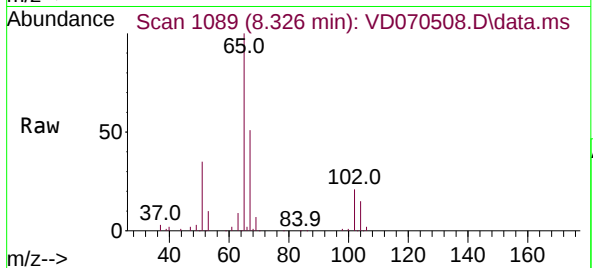


#33

1,2-Dichloroethane-d4
Concen: 57.037 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

Instrument :
MSVOA_D
ClientSampled :
VIBLK

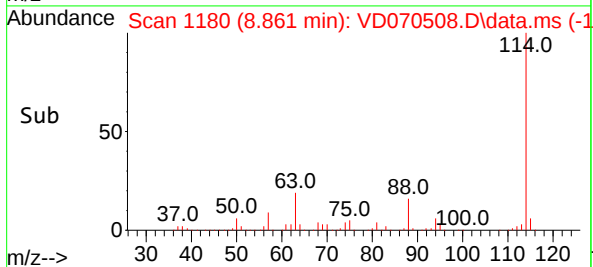
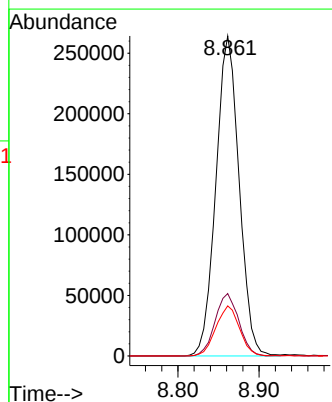
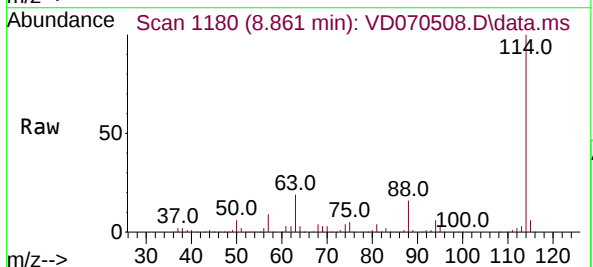
Tgt Ion: 65 Resp: 193027
Ion Ratio Lower Upper
65 100
67 53.3 0.0 111.4

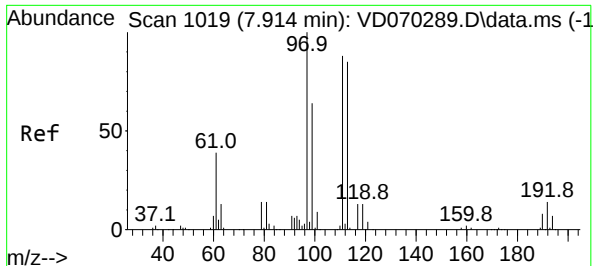


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

Tgt Ion: 114 Resp: 526044
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.4
88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.391 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070508.D

Acq: 28 Sep 2021 17:52

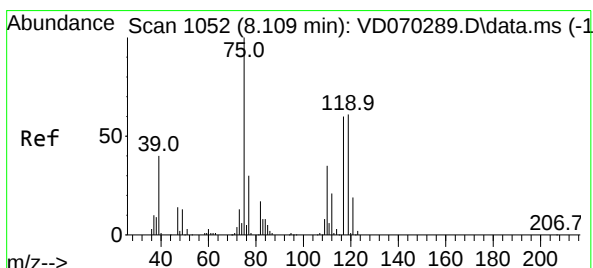
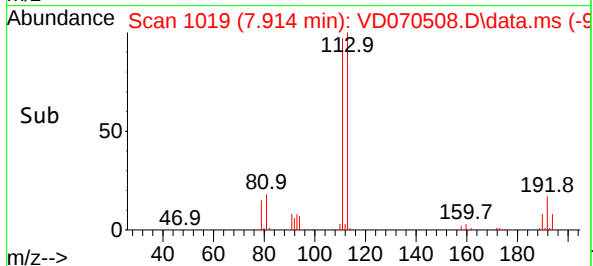
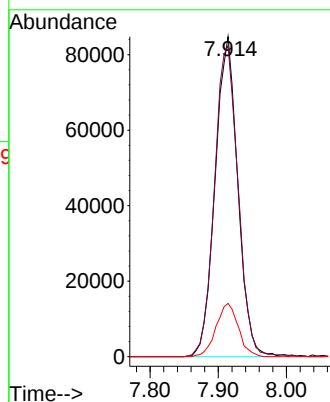
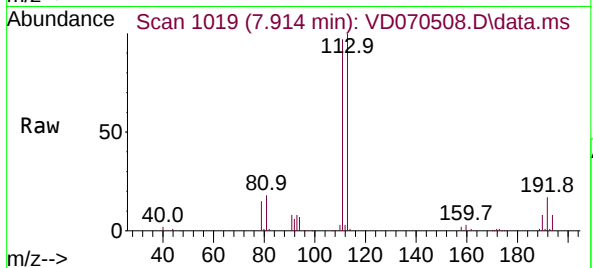
Tgt Ion:113 Resp: 196176

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.2

192 16.4 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.181 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070508.D

Acq: 28 Sep 2021 17:52

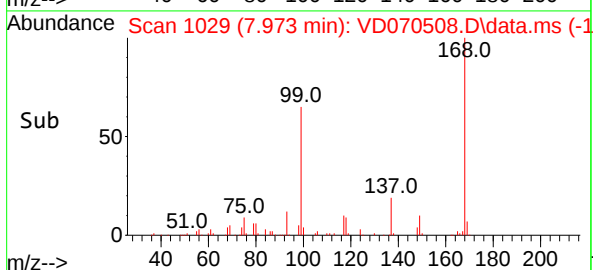
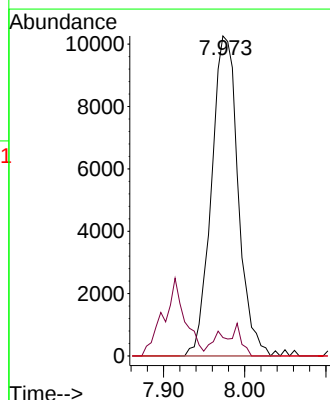
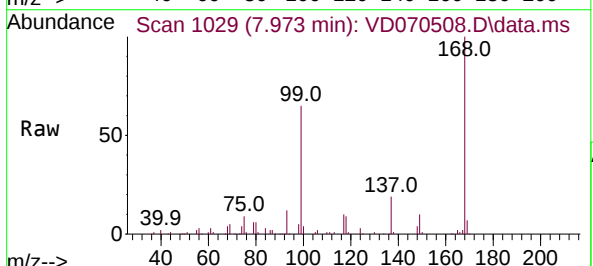
Tgt Ion: 75 Resp: 23509

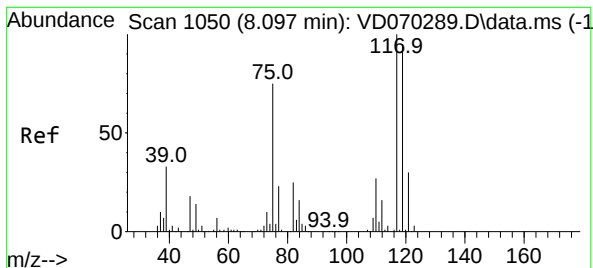
Ion Ratio Lower Upper

75 100

110 4.1 17.9 53.7#

77 0.0 25.3 37.9#



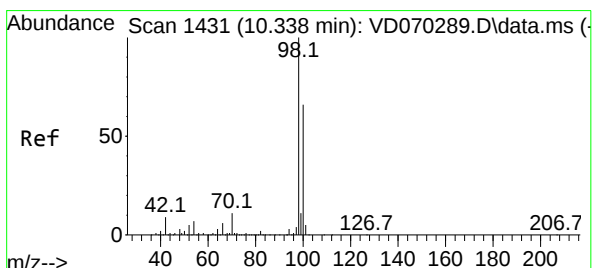
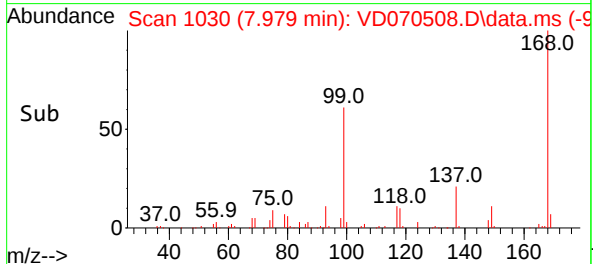
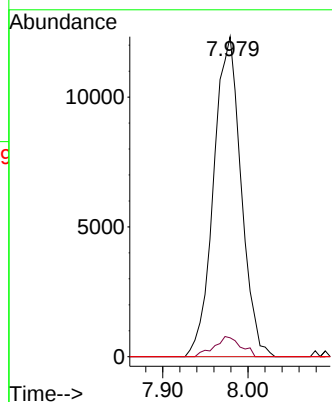
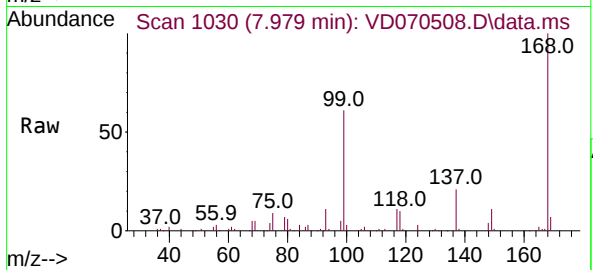


#38

Carbon Tetrachloride
Concen: 4.964 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

Instrument :
MSVOA_D
ClientSampled :
VIBLK

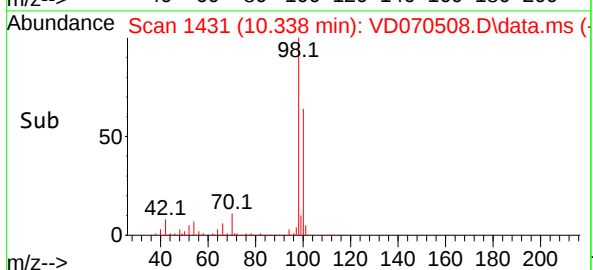
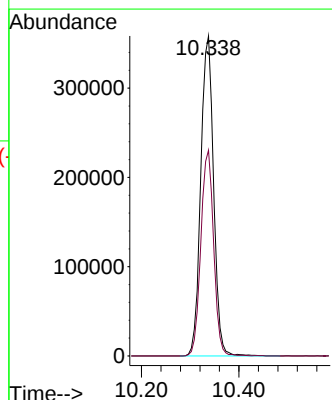
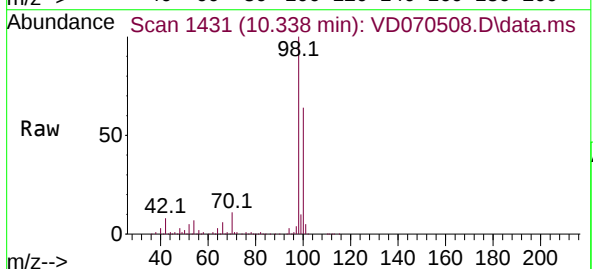
Tgt Ion:117 Resp: 27606
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 23.8 35.6#

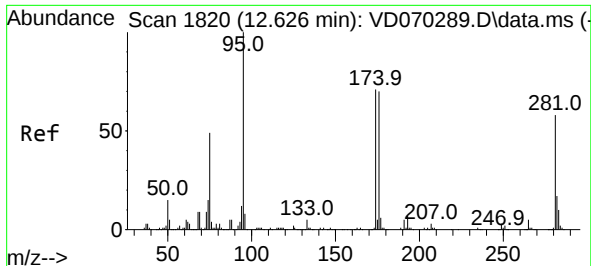


#50

Toluene-d8
Concen: 48.262 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

Tgt Ion: 98 Resp: 656133
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

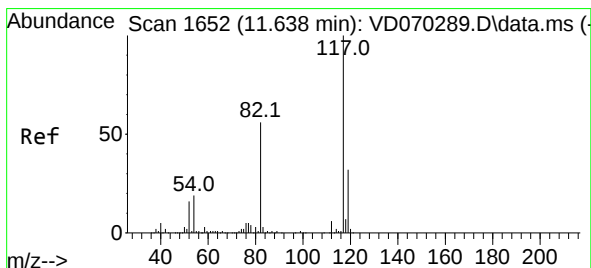
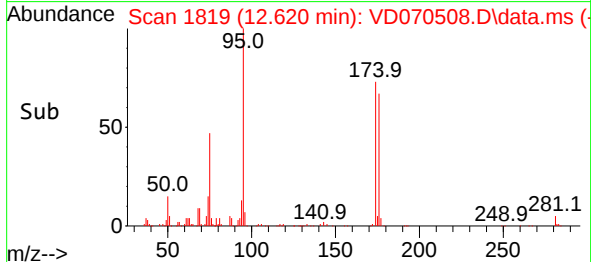
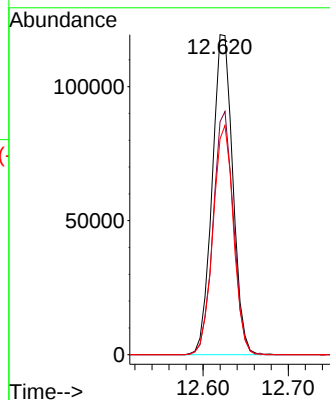
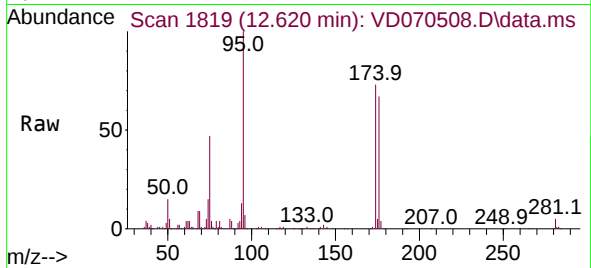




#62
4-Bromofluorobenzene
Concen: 42.208 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

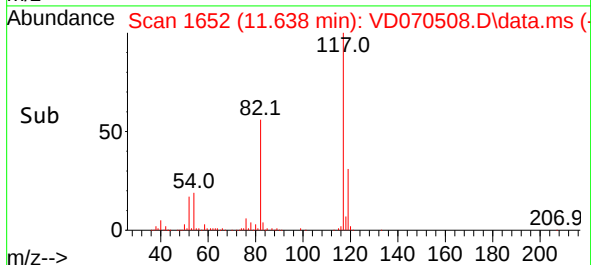
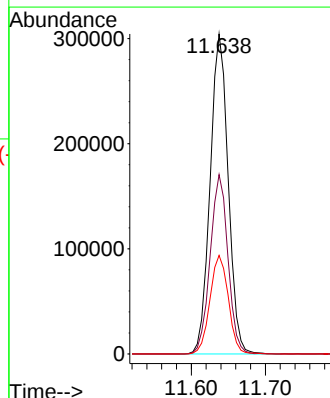
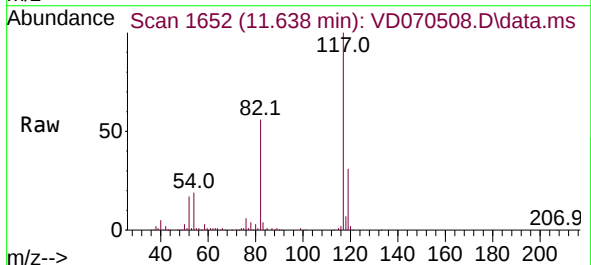
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

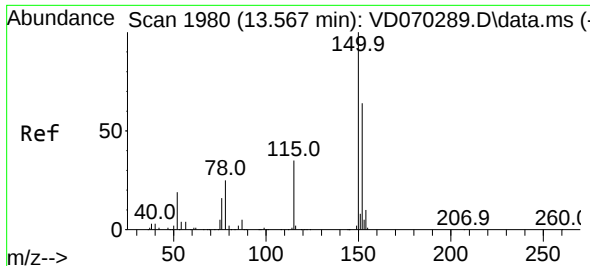
Tgt Ion: 95 Resp: 200543
Ion Ratio Lower Upper
95 100
174 74.9 0.0 140.6
176 71.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

Tgt Ion:117 Resp: 514685
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 30.8 25.2 37.8

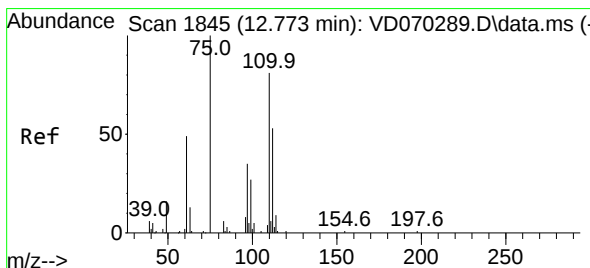
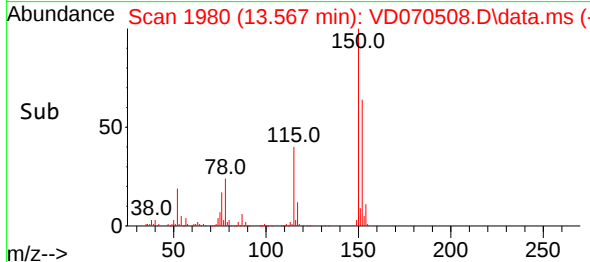
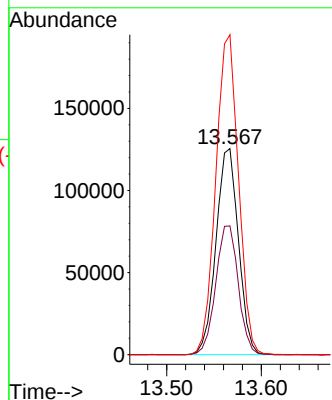
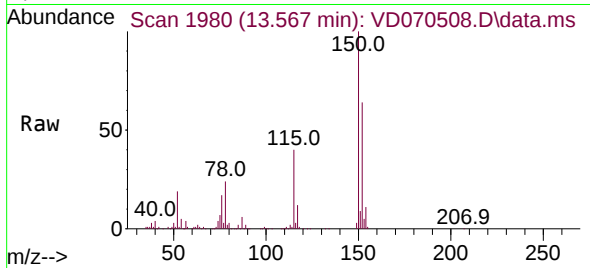




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

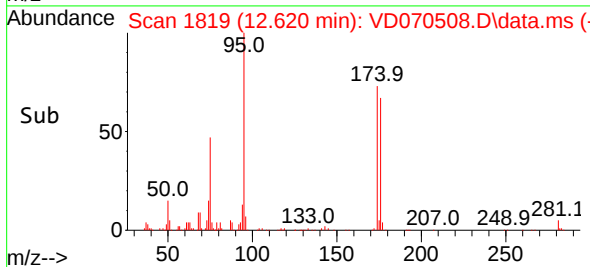
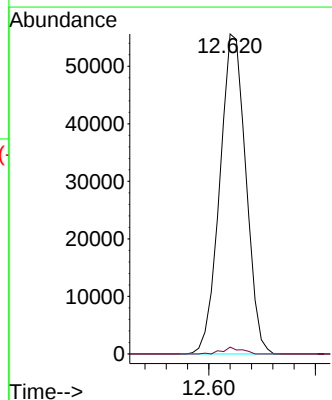
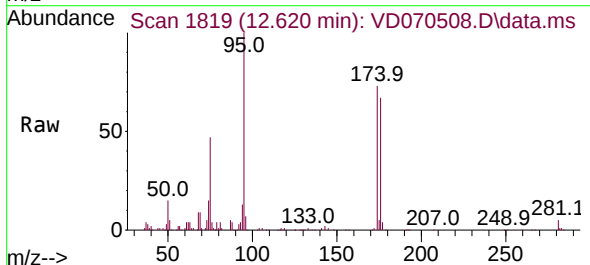
Instrument :
MSVOA_D
ClientSampled :
VIBLK

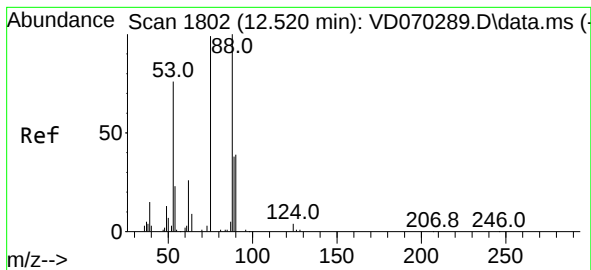
Tgt Ion:152 Resp: 206822
Ion Ratio Lower Upper
152 100
115 62.9 32.1 96.3
150 157.1 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 45.148 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070508.D
Acq: 28 Sep 2021 17:52

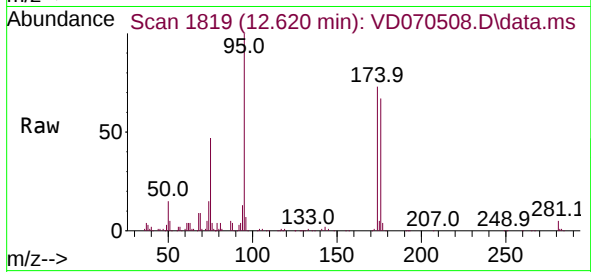
Tgt Ion: 75 Resp: 94451
Ion Ratio Lower Upper
75 100
77 1.6 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.122 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD070508.D
 Acq: 28 Sep 2021 17:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.2	96.2#
89	0.3	35.6	53.4#

