

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071996.D
 Acq On : 16 Feb 2022 17:23
 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 17 00:50:14 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)

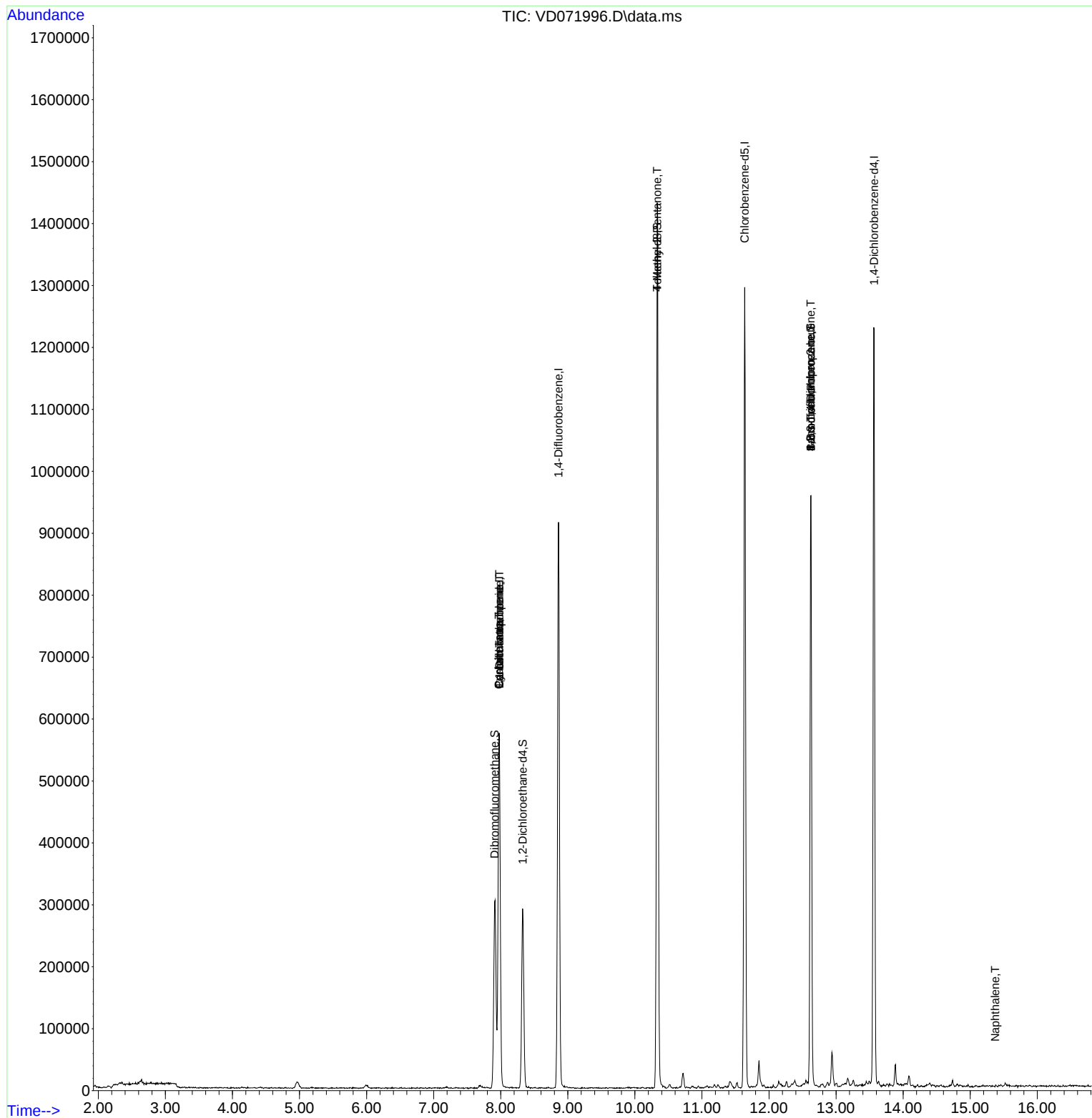
Internal Standards						
1) Pentafluorobenzene	7.979	168	388720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	708607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	667170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	293928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231456	47.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.220%
35) Dibromofluoromethane	7.909	113	213459	45.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.660%
50) Toluene-d8	10.332	98	907000	52.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.620	95	302298	49.763	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	490	Below Cal	#	74
20) Methylene Chloride	4.962	84	7319	Below Cal		93
31) Cyclohexane	7.973	56	11917	1.270	ug/l #	13
36) 1,1-Dichloropropene	7.979	75	37922	4.743	ug/l #	50
38) Carbon Tetrachloride	7.979	117	41603	5.262	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	5859	1.676	ug/l #	1
71) Bromoform	12.626	173	3020	1.102	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	174270	56.259	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	174270	138.328	ug/l #	7
95) Naphthalene	15.373	128	396	1.491	ug/l #	70

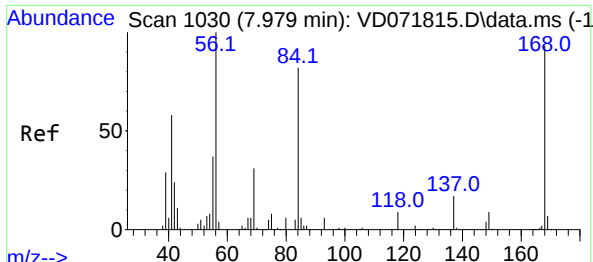
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Feb 17 00:50:14 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

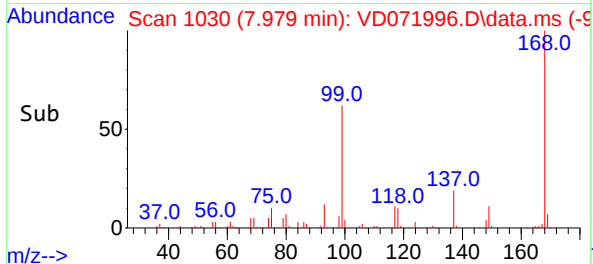
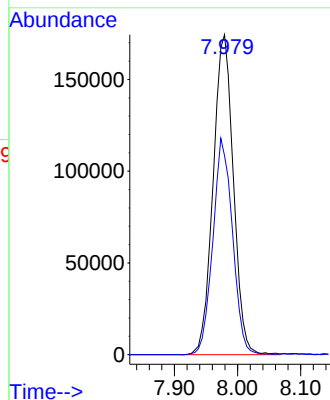
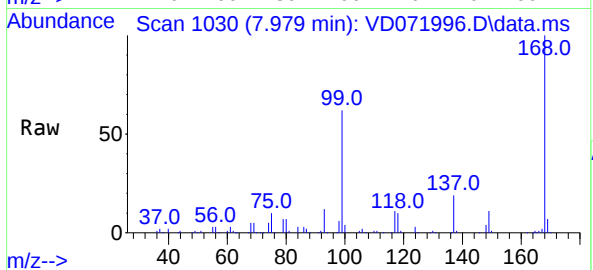




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

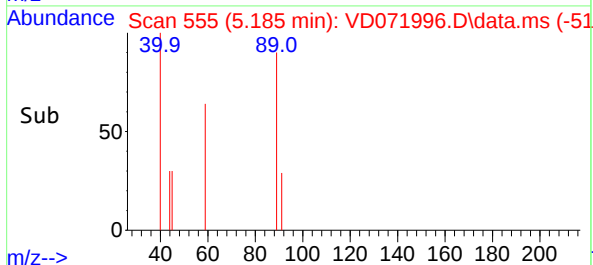
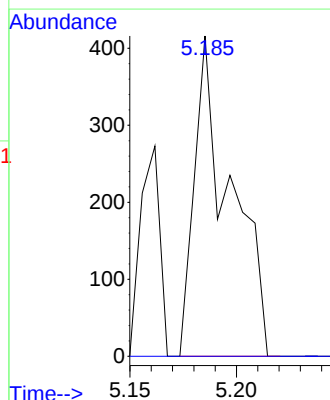
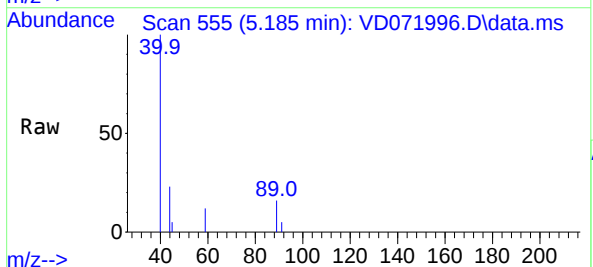
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

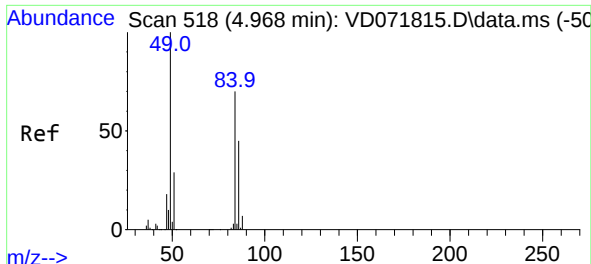
Tgt Ion:168 Resp: 388720
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

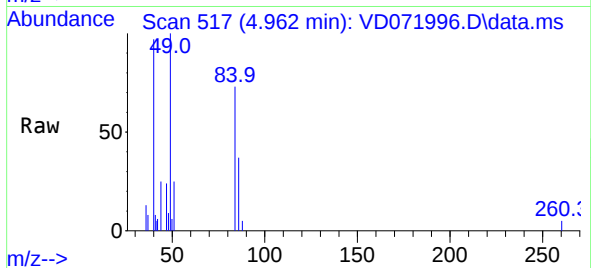
Tgt Ion: 59 Resp: 490
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





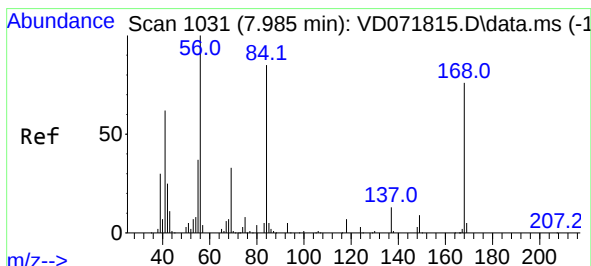
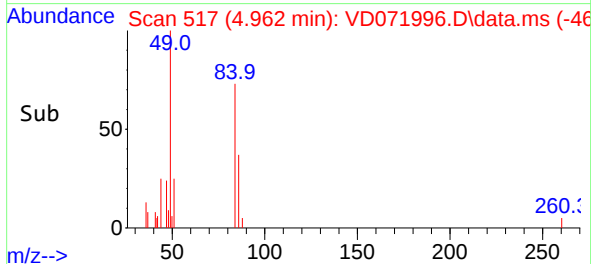
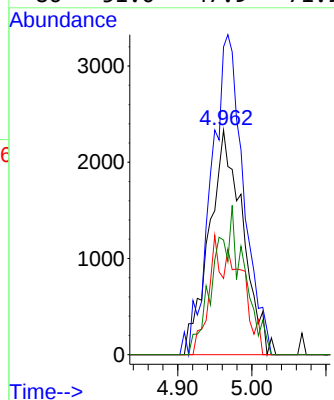
#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion: 84 Resp: 7319

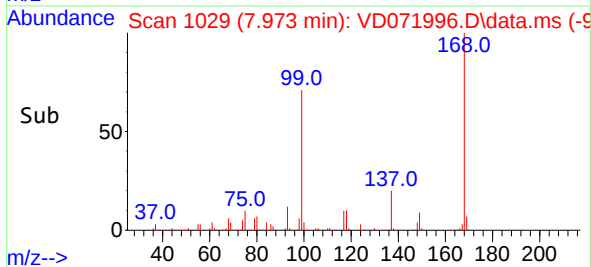
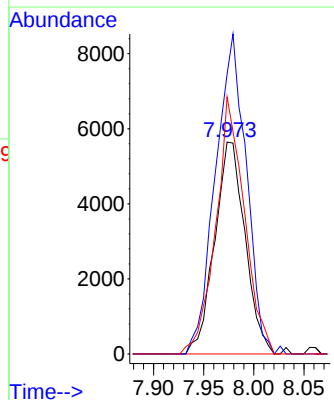
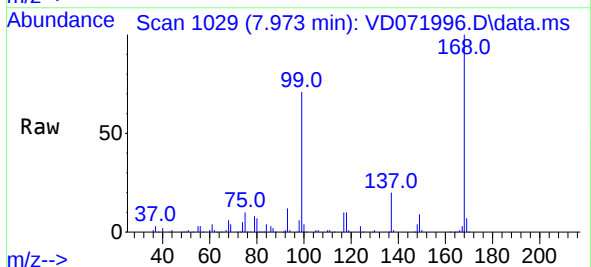
Ion	Ratio	Lower	Upper
84	100		
49	137.2	112.8	169.2
51	34.0	32.6	48.8
86	51.0	47.9	71.9

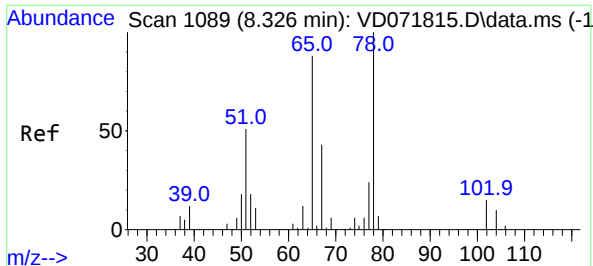


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Tgt Ion: 56 Resp: 11917

Ion	Ratio	Lower	Upper
56	100		
69	132.1	25.4	38.2#
84	121.4	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.109 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071996.D

Acq: 16 Feb 2022 17:23

Instrument :

MSVOA_D

ClientSampleId :

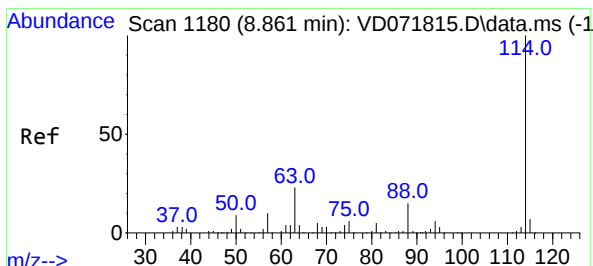
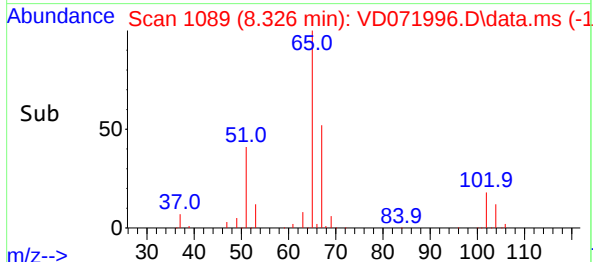
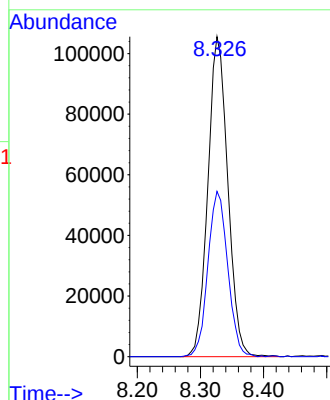
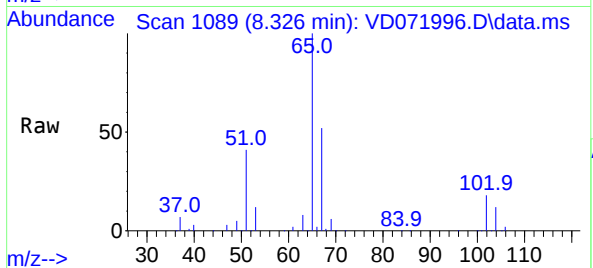
VIBLK

Tgt Ion: 65 Resp: 231456

Ion Ratio Lower Upper

65 100

67 51.4 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: VD071996.D

Acq: 16 Feb 2022 17:23

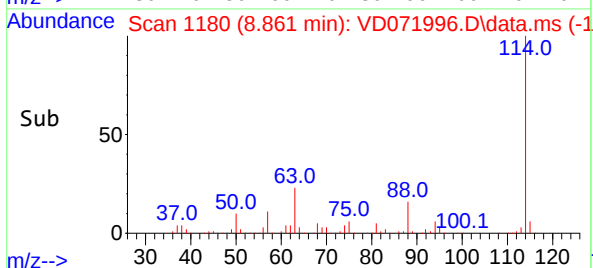
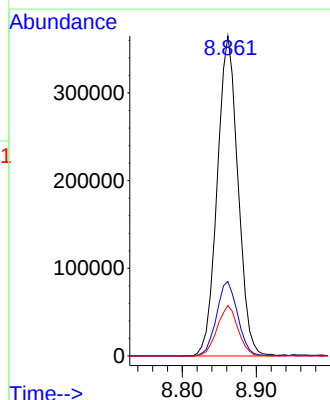
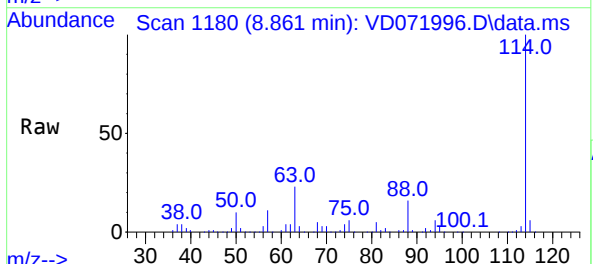
Tgt Ion: 114 Resp: 708607

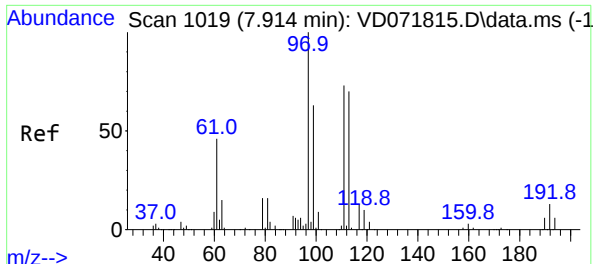
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.6

88 15.8 0.0 33.2

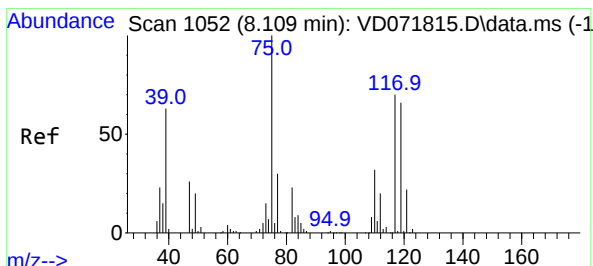
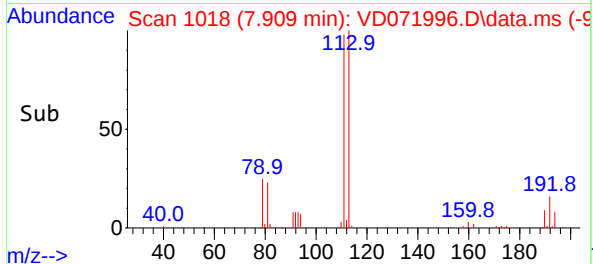
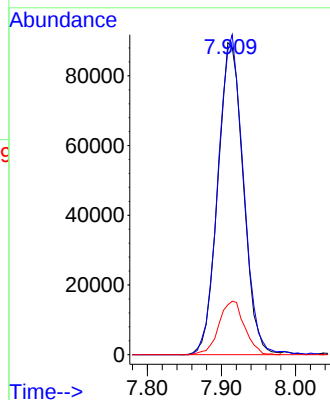
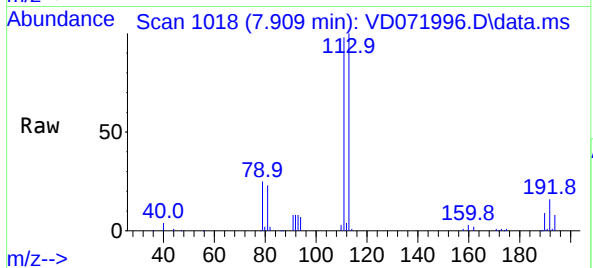




#35
Dibromofluoromethane
Concen: 45.828 ug/l
RT: 7.909 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

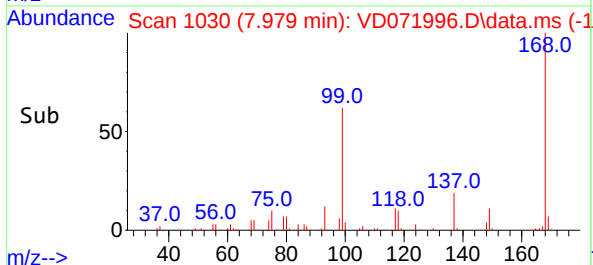
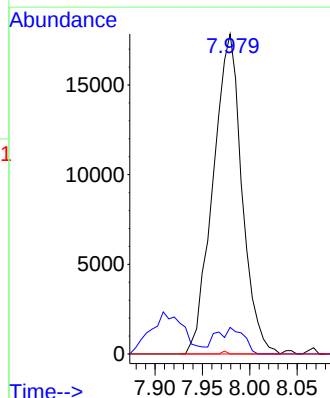
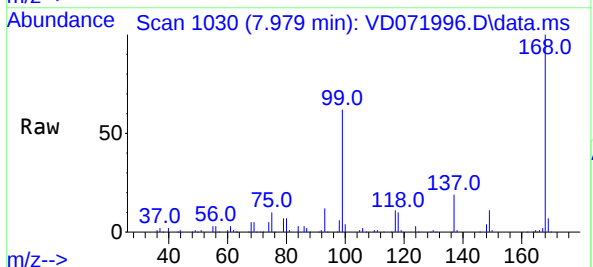
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

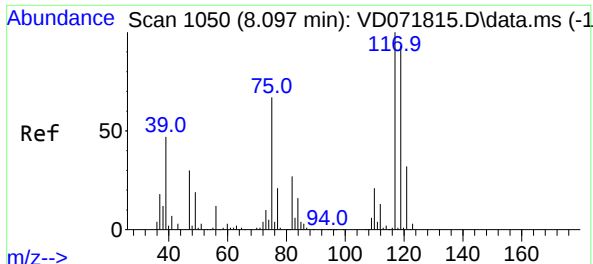
Tgt Ion:113 Resp: 213459
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 17.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Tgt Ion: 75 Resp: 37922
Ion Ratio Lower Upper
75 100
110 7.7 16.4 49.1#
77 0.2 24.2 36.2#

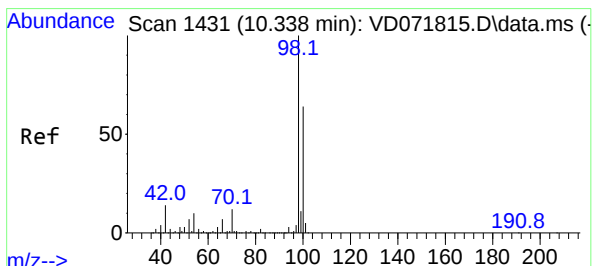
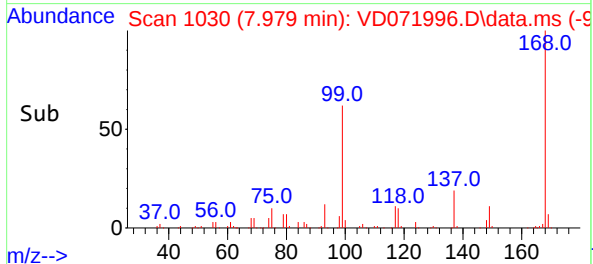
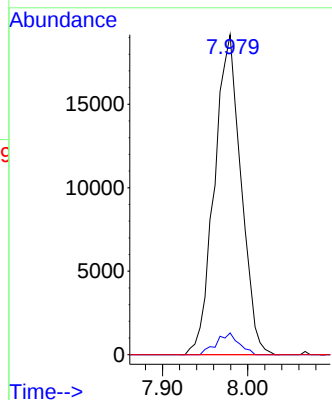
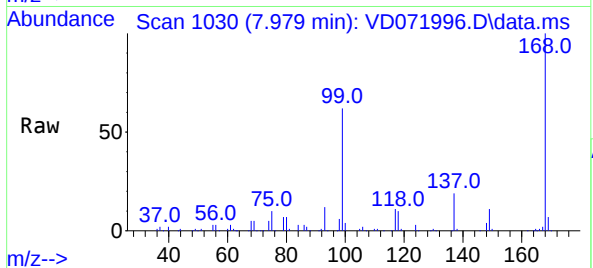




#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.118 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

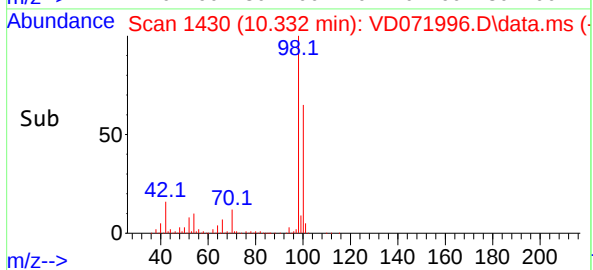
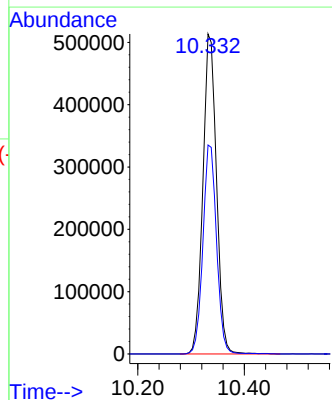
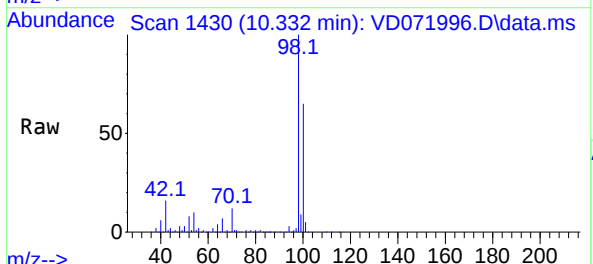
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

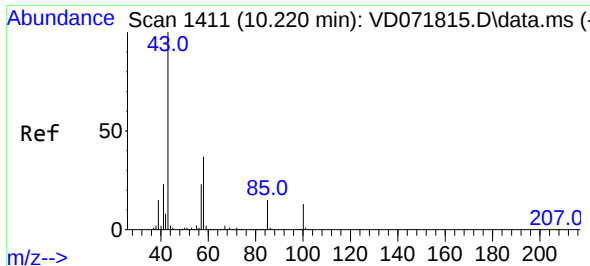
Tgt Ion:117 Resp: 41603
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.140 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Tgt Ion: 98 Resp: 907000
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

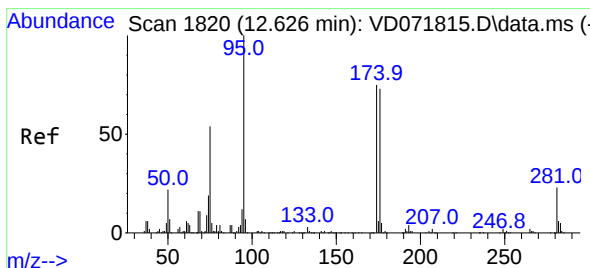
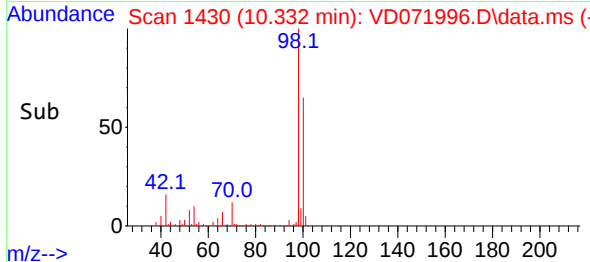
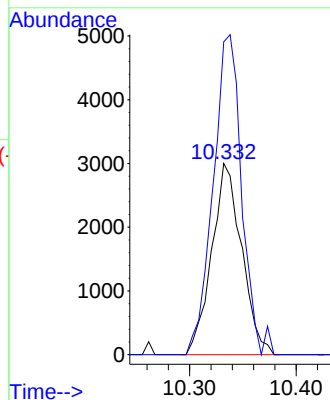
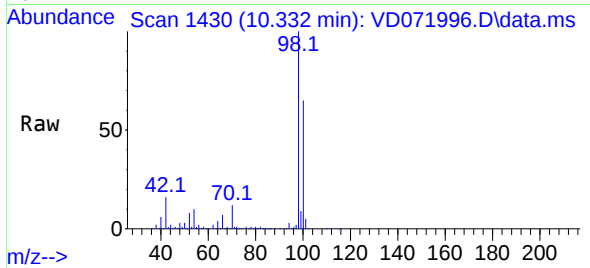




#51
4-Methyl-2-Pentanone
Concen: 1.676 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

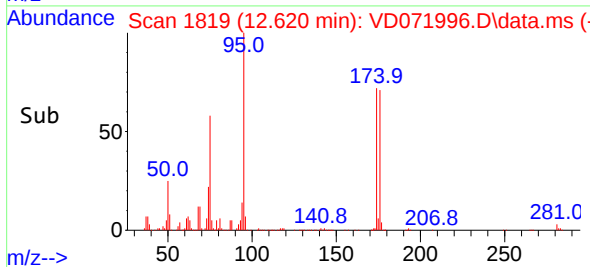
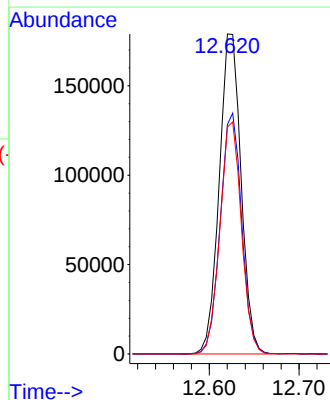
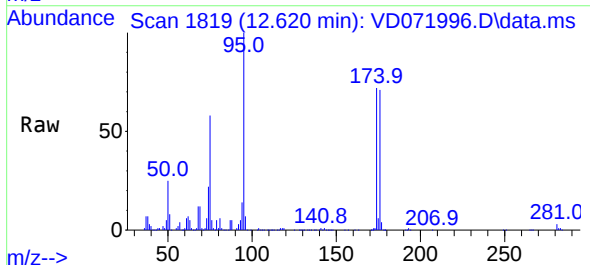
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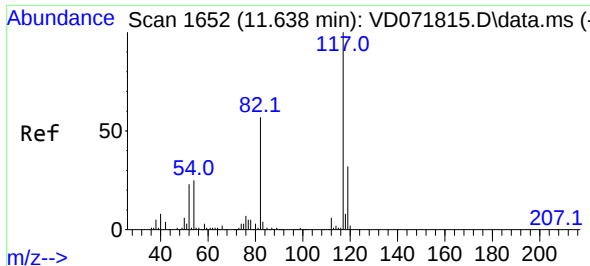
Tgt Ion: 43 Resp: 5859
Ion Ratio Lower Upper
43 100
58 159.7 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 49.763 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Tgt Ion: 95 Resp: 302298
Ion Ratio Lower Upper
95 100
174 73.9 0.0 152.8
176 71.3 0.0 145.4

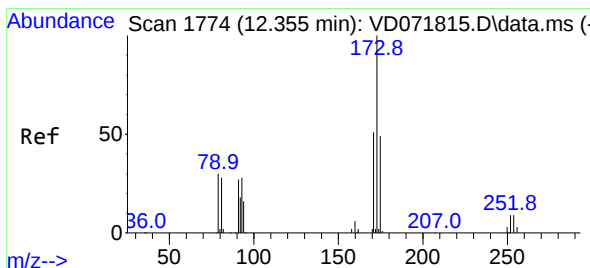
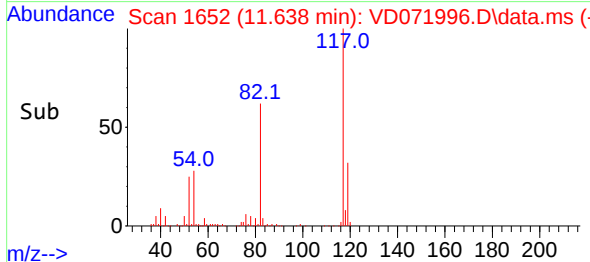
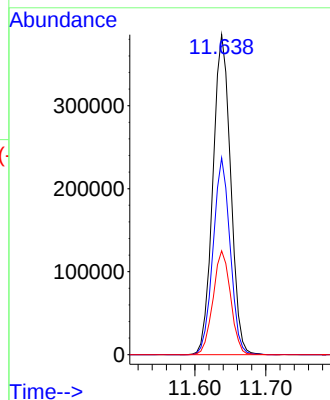
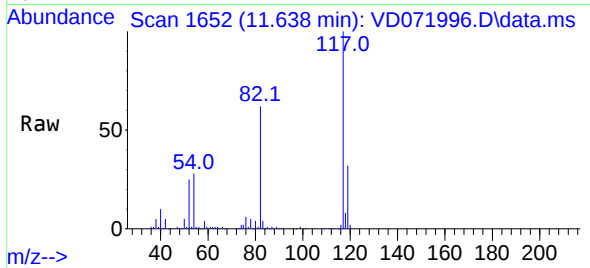




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

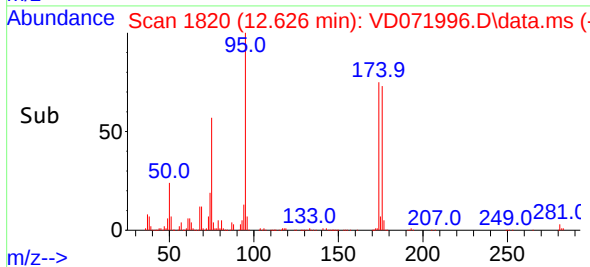
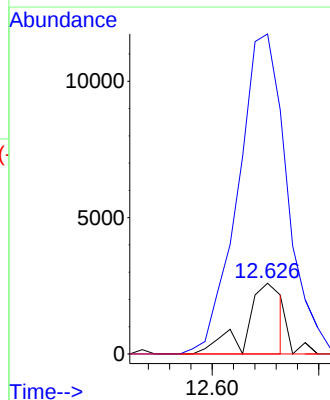
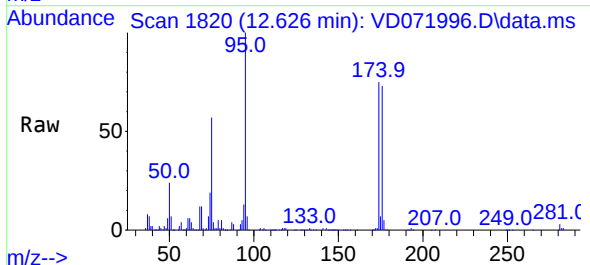
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

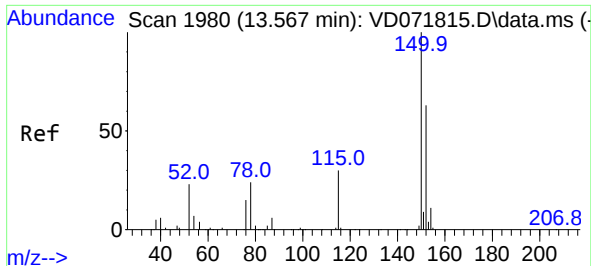
Tgt Ion:117 Resp: 667170
Ion Ratio Lower Upper
117 100
82 61.5 45.3 67.9
119 32.5 26.6 40.0



#71
Bromoform
Concen: 1.102 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Tgt Ion:173 Resp: 3020
Ion Ratio Lower Upper
173 100
175 541.1 23.9 71.8#
254 0.0 0.0 0.0

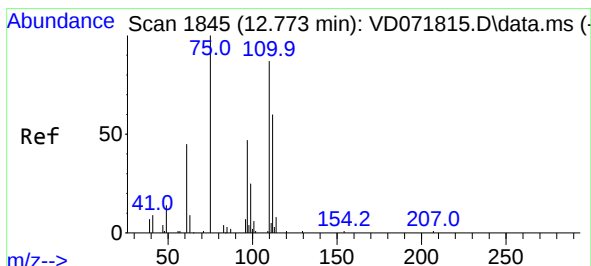
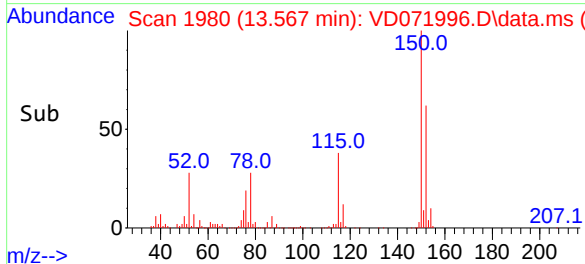
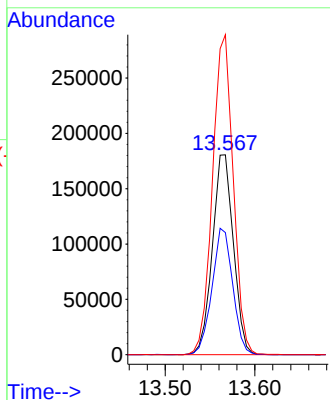
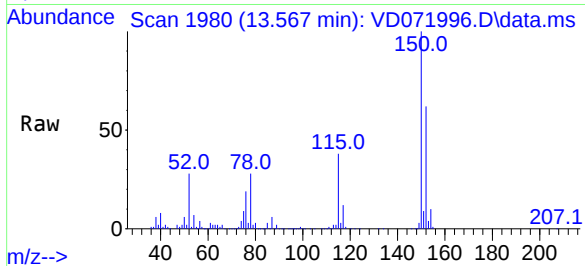




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

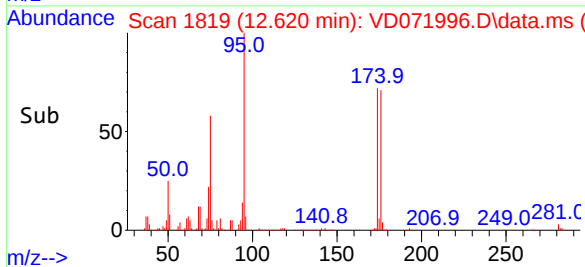
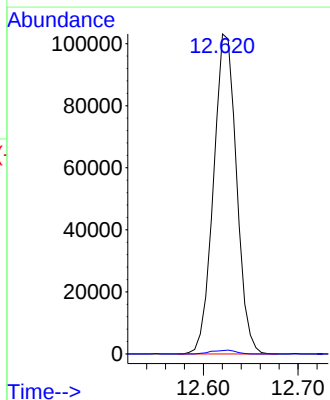
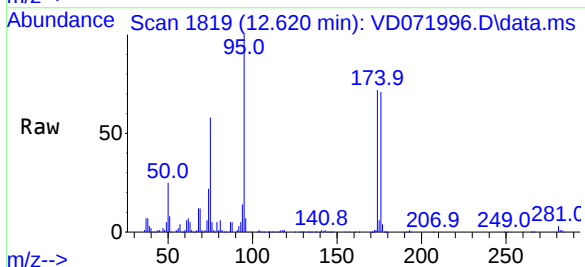
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

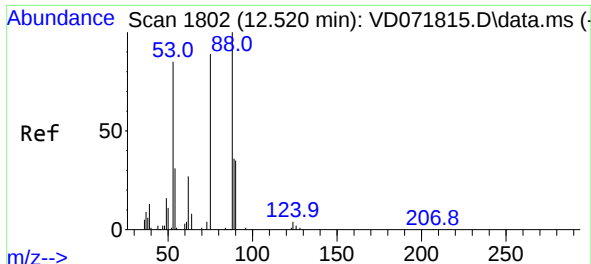
Tgt Ion:152 Resp: 293928
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.8
150 157.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 56.259 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Tgt Ion: 75 Resp: 174270
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

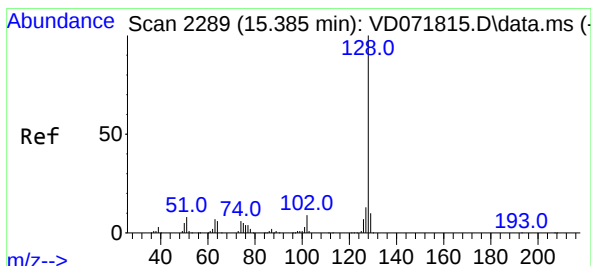
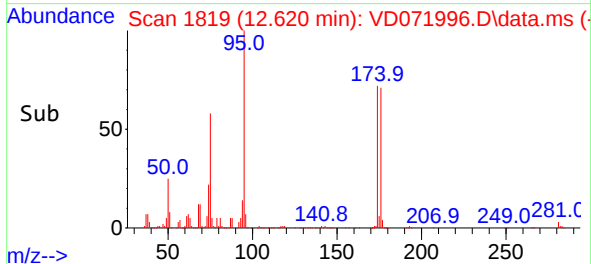
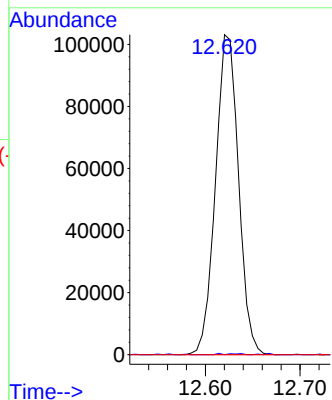
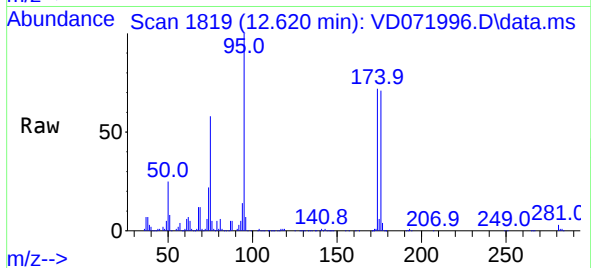




#81
trans-1,4-Dichloro-2-butene
Concen: 138.328 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 174270
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.491 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD071996.D
Acq: 16 Feb 2022 17:23

Tgt Ion:128 Resp: 396
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

