

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070094.D
 Acq On : 17 Aug 2021 18:04
 Operator : VA/SY
 Sample : M3412-02
 Misc : 5.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PG-2

Quant Time: Aug 18 03:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	486247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1002437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	939129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	334291	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	366149	64.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.040%
35) Dibromofluoromethane	7.914	113	351313	54.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.337	98	1307468	51.905	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.626	95	376348	45.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.720%

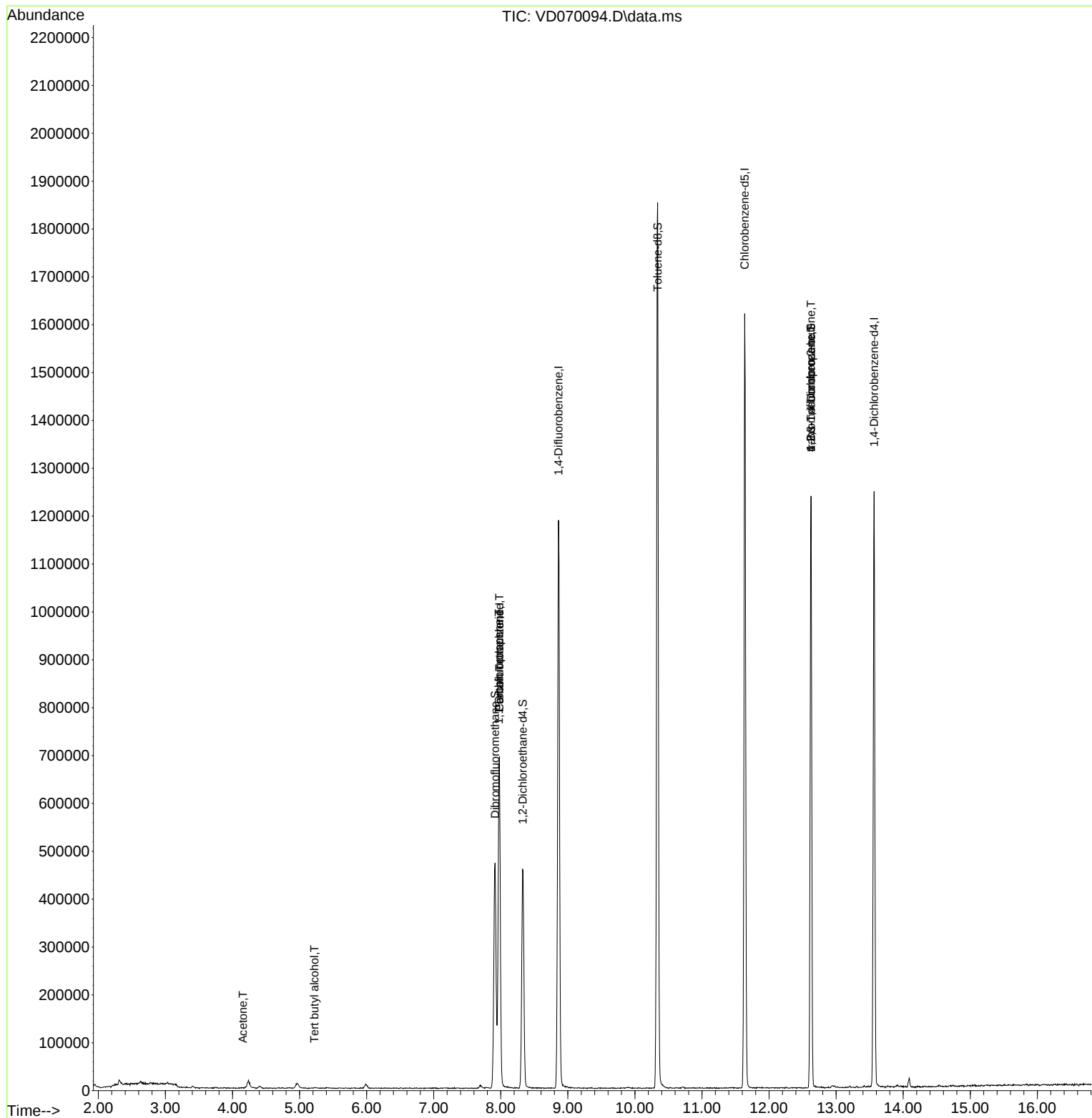
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	104	Below Cal	#	42
3) Chloromethane	2.208	50	840	Below Cal		98
5) Bromomethane	2.773	94	1758	Below Cal		94
11) Tert butyl alcohol	5.220	59	839	2.654	ug/l #	71
16) Acetone	4.155	43	1207	1.146	ug/l #	41
20) Methylene Chloride	4.961	84	7976	Below Cal		91
36) 1,1-Dichloropropene	7.973	75	44151	4.094	ug/l #	49
38) Carbon Tetrachloride	7.979	117	51874	5.298	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	182189	53.740	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	182189	139.490	ug/l #	18

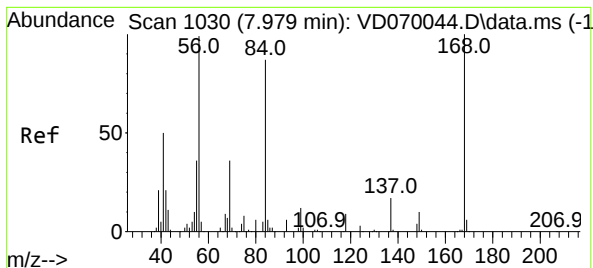
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
Data File : VD070094.D
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Misc : 5.36G/5.00ml/MSVOA_D/SOIL
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MSVOA_D
ClientSampleId :
PG-2

Quant Time: Aug 18 03:07:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD070094.D

Acq: 17 Aug 2021 18:04

Tgt Ion:168 Resp: 486247

Ion Ratio Lower Upper

168 100

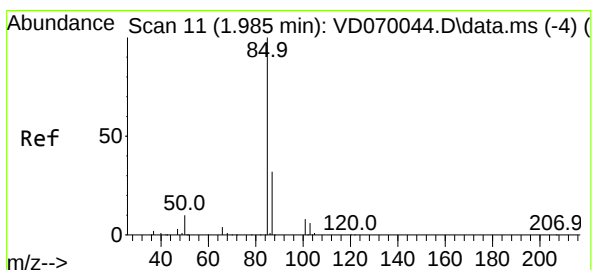
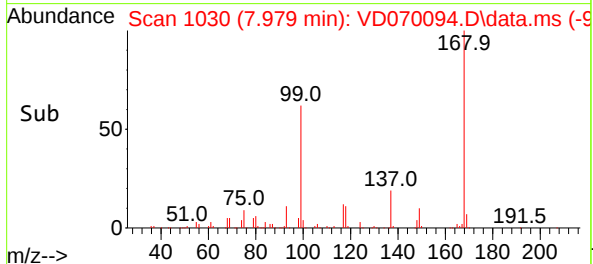
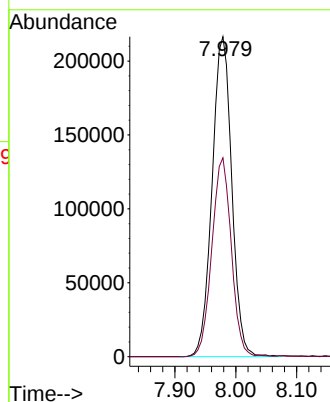
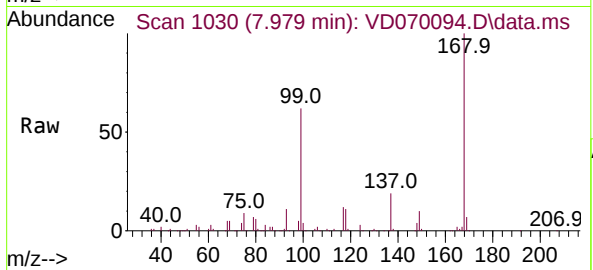
99 62.2 50.3 75.5

Instrument :

MSVOA_D

ClientSampled :

PG-2



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD070094.D

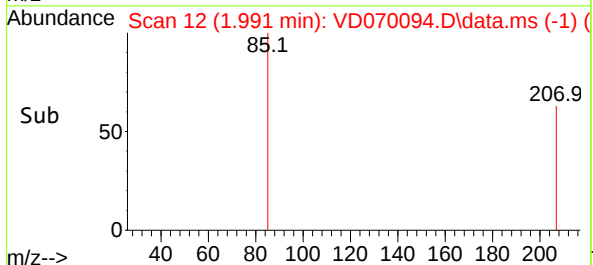
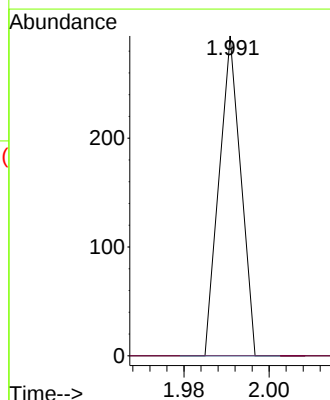
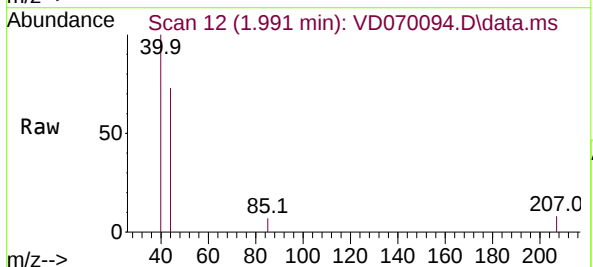
Acq: 17 Aug 2021 18:04

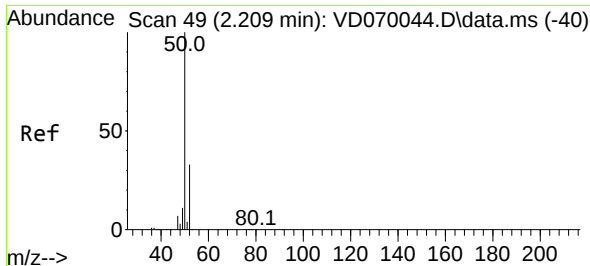
Tgt Ion: 85 Resp: 104

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#

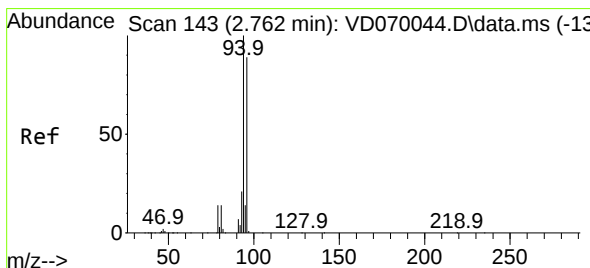
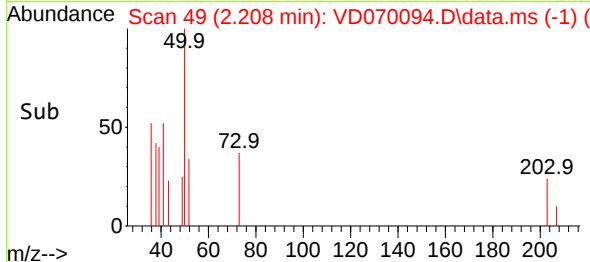
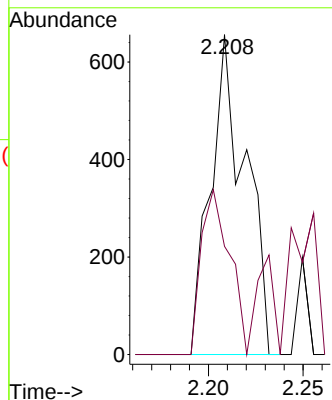
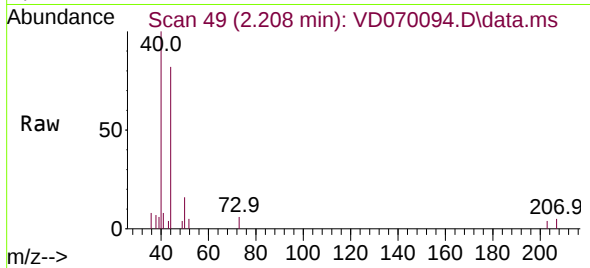




#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

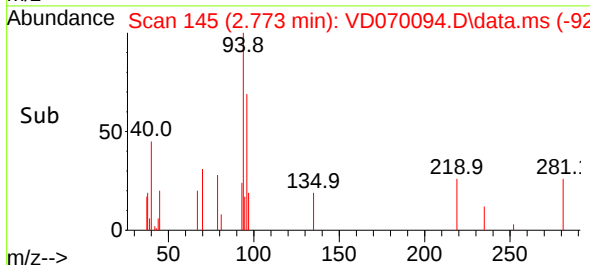
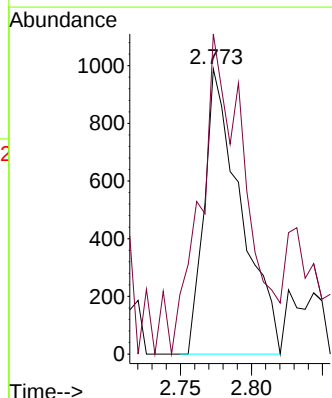
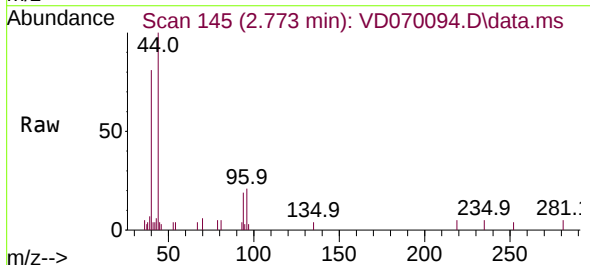
Instrument :
MSVOA_D
ClientSampled :
PG-2

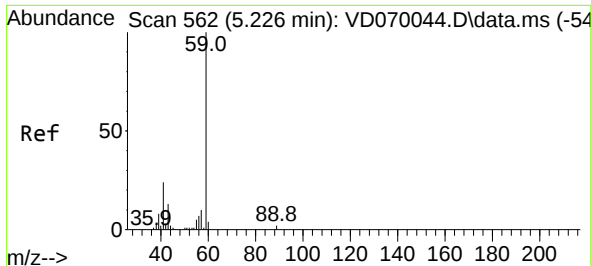
Tgt Ion: 50 Resp: 840
Ion Ratio Lower Upper
50 100
52 33.8 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion: 94 Resp: 1758
Ion Ratio Lower Upper
94 100
96 94.3 70.9 106.3



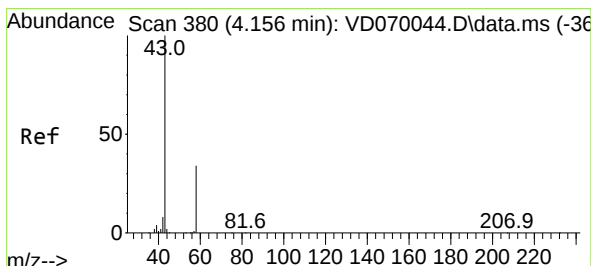
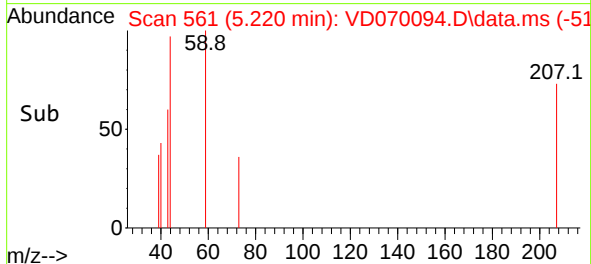
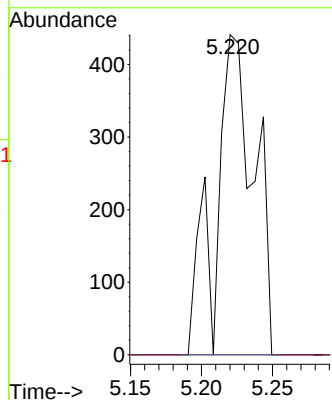
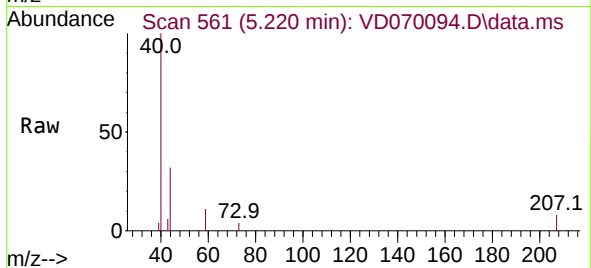


#11

Tert butyl alcohol
Concen: 2.654 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Instrument :
MSVOA_D
ClientSampled :
PG-2

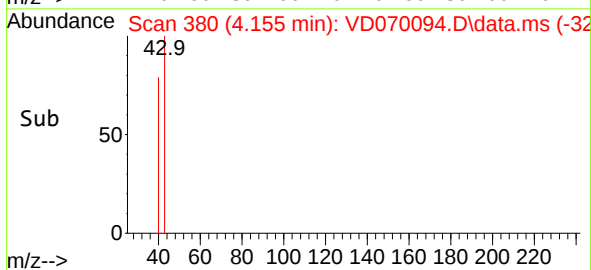
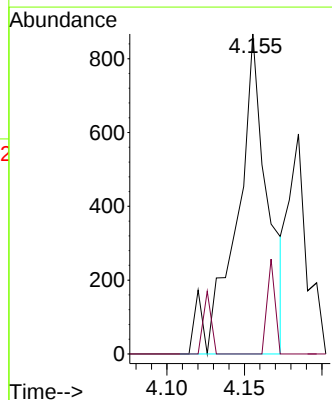
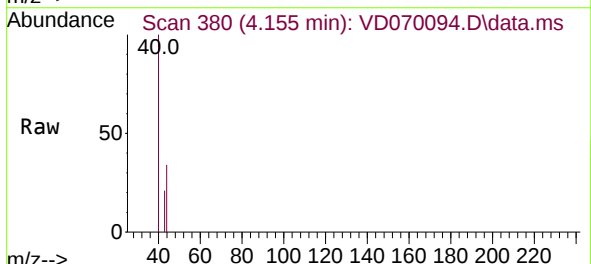
Tgt Ion: 59 Resp: 839
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

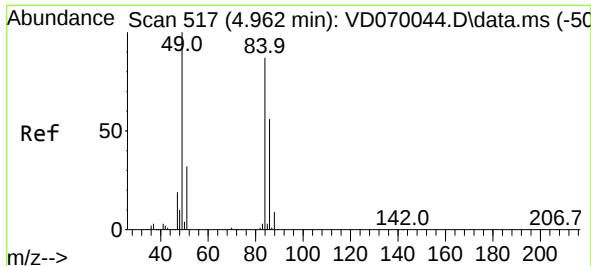


#16

Acetone
Concen: 1.146 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

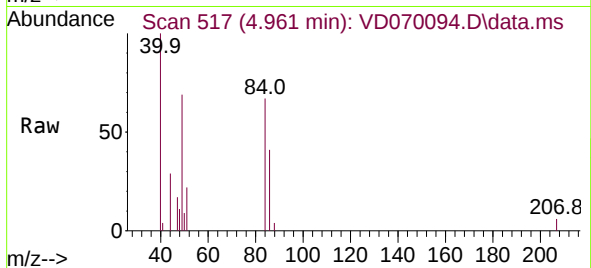
Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



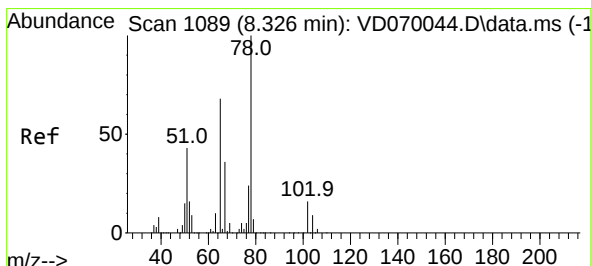
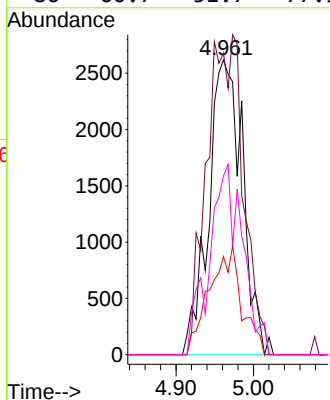
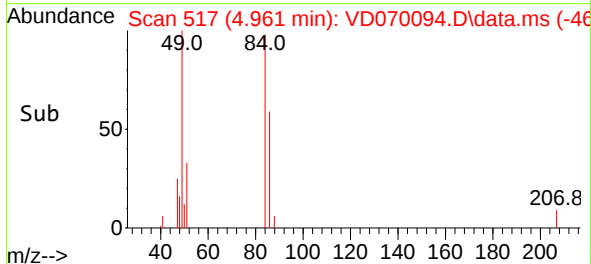


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

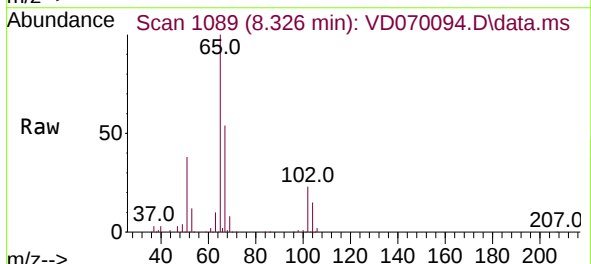
Instrument :
MSVOA_D
ClientSampled :
PG-2



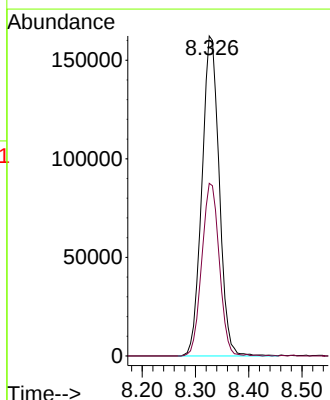
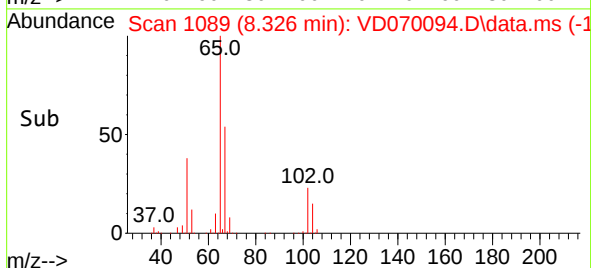
Tgt Ion:	84	Resp:	7976
Ion	Ratio	Lower	Upper
84	100		
49	102.3	92.5	138.7
51	33.3	29.7	44.5
86	60.7	51.7	77.5

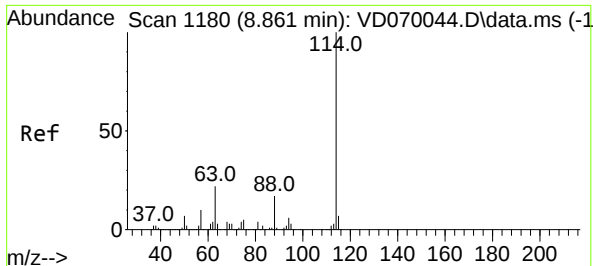


#33
1,2-Dichloroethane-d4
Concen: 64.023 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04



Tgt Ion:	65	Resp:	366149
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070094.D

Acq: 17 Aug 2021 18:04

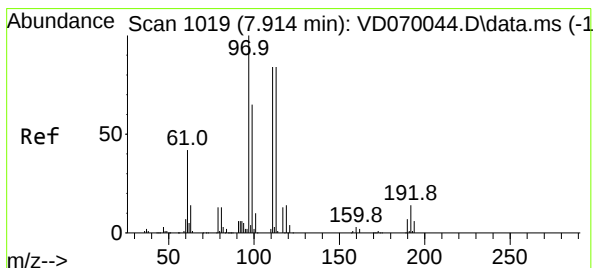
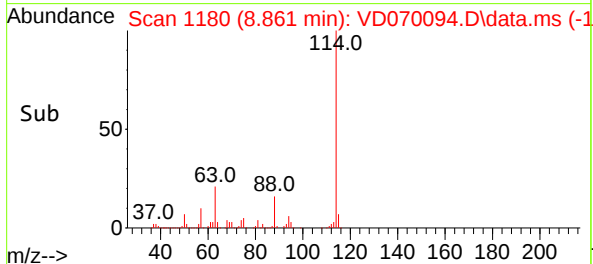
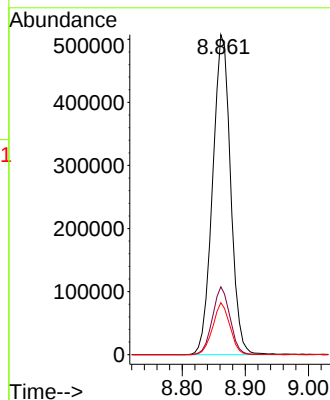
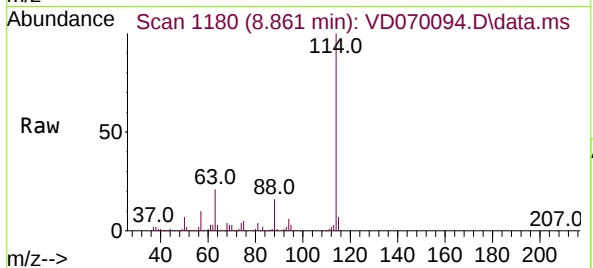
Tgt Ion:114 Resp: 1002437

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.6

88 16.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 54.245 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070094.D

Acq: 17 Aug 2021 18:04

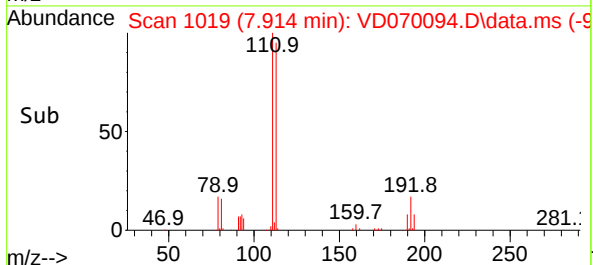
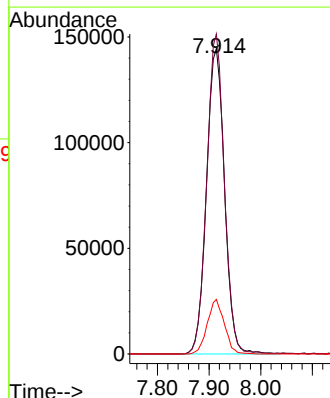
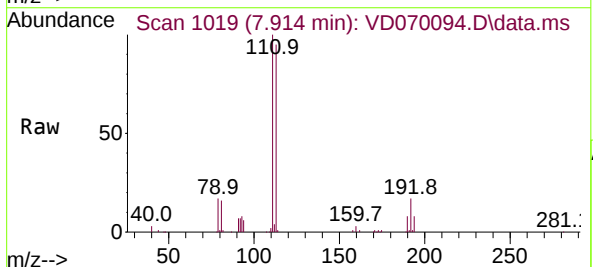
Tgt Ion:113 Resp: 351313

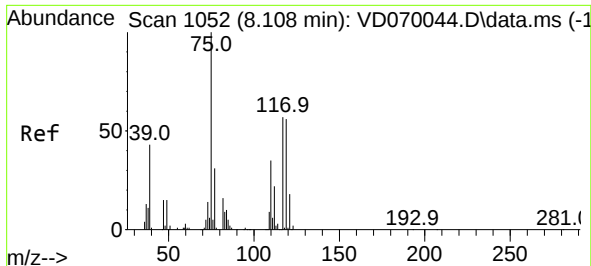
Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

192 16.8 13.2 19.8

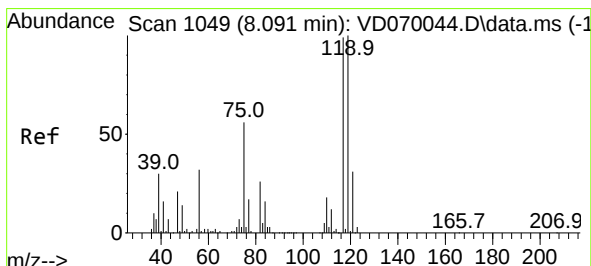
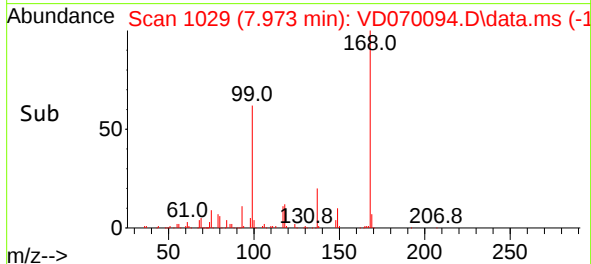
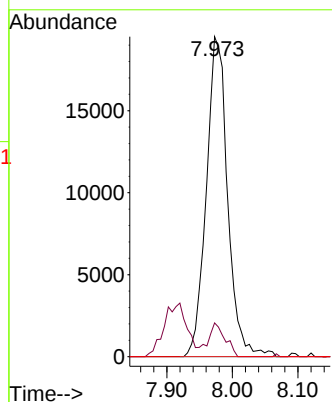
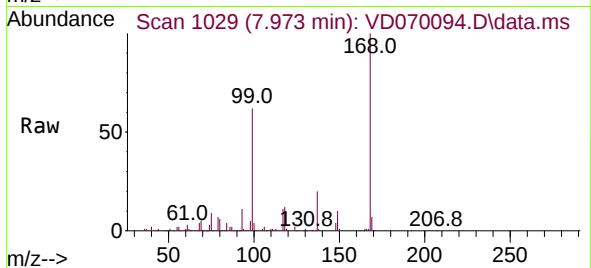




#36
1,1-Dichloropropene
Concen: 4.094 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

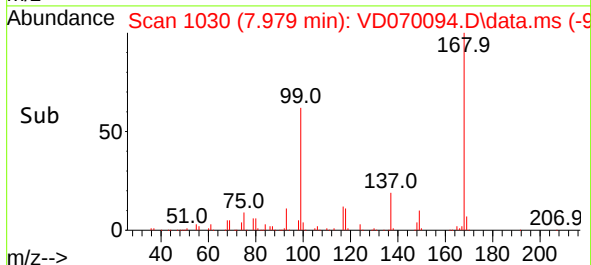
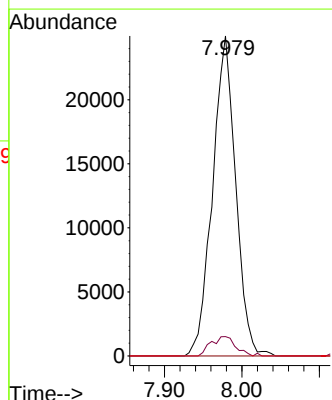
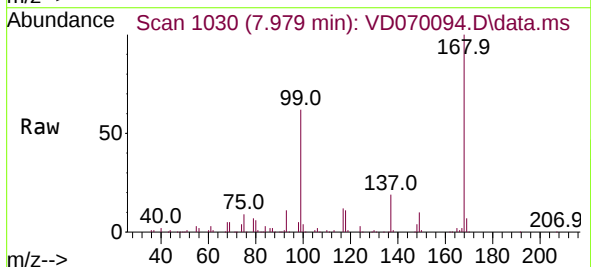
Instrument :
MSVOA_D
ClientSampled :
PG-2

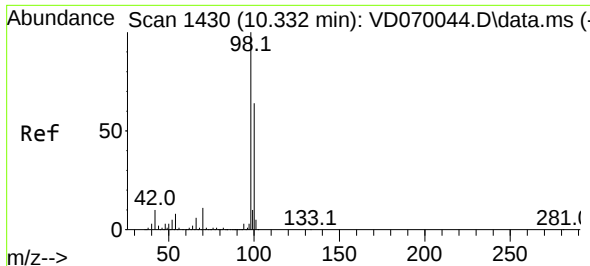
Tgt Ion: 75 Resp: 44151
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.298 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion: 117 Resp: 51874
Ion Ratio Lower Upper
117 100
119 6.1 81.0 121.6#
121 0.0 25.0 37.6#

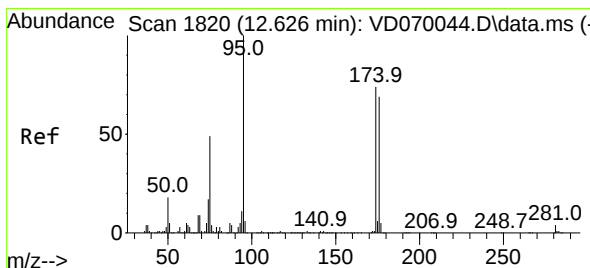
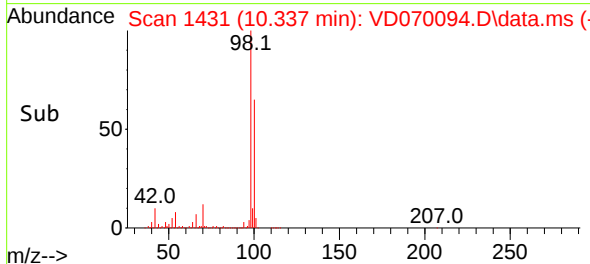
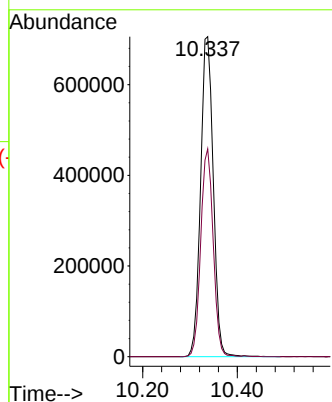
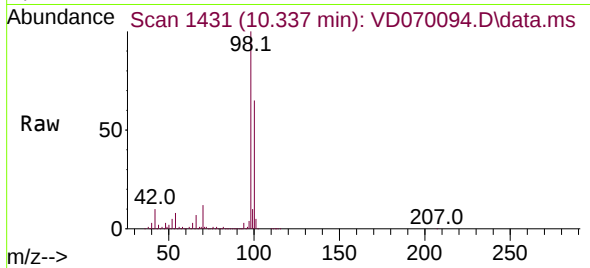




#50
Toluene-d8
Concen: 51.905 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

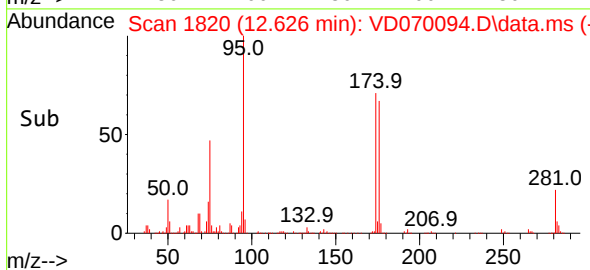
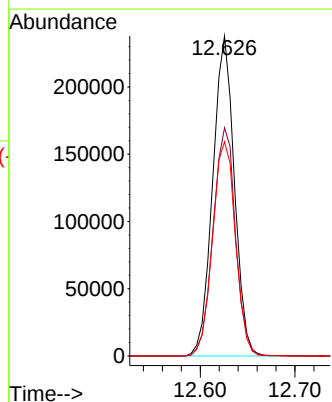
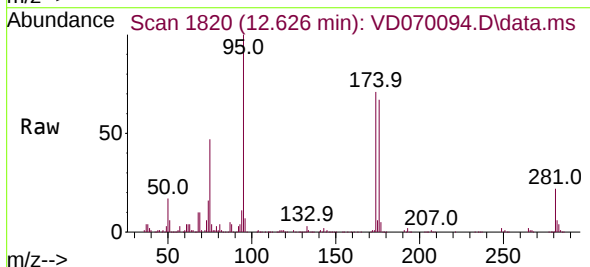
Instrument :
MSVOA_D
ClientSampled :
PG-2

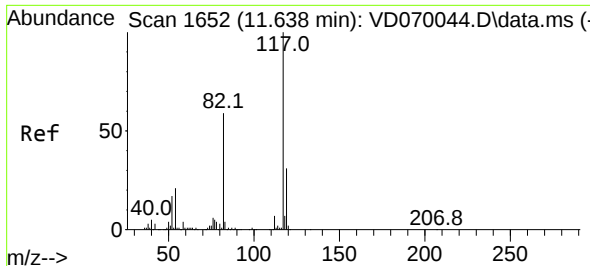
Tgt Ion: 98 Resp: 1307468
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.361 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion: 95 Resp: 376348
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 70.9 0.0 138.2

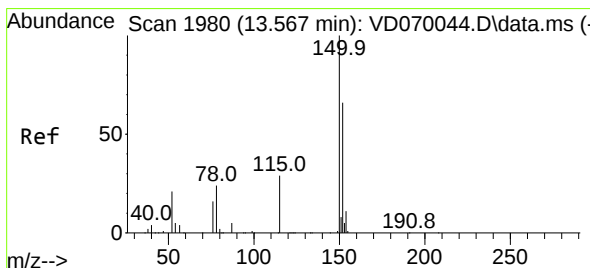
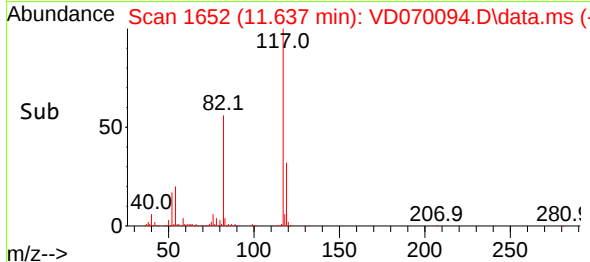
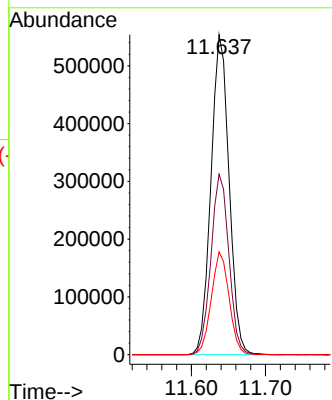
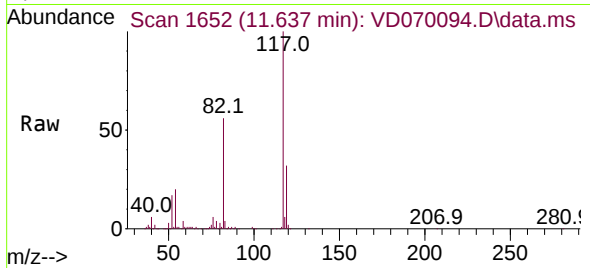




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

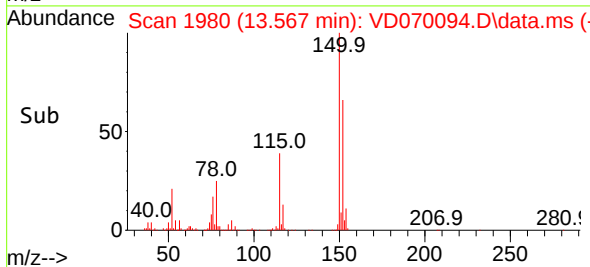
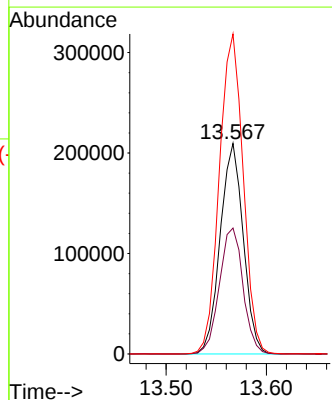
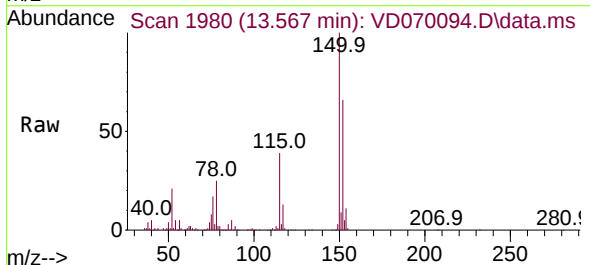
Instrument :
MSVOA_D
ClientSampled :
PG-2

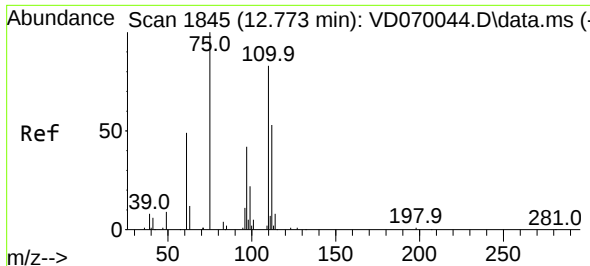
Tgt Ion:117 Resp: 939129
Ion Ratio Lower Upper
117 100
82 56.4 47.5 71.3
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion:152 Resp: 334291
Ion Ratio Lower Upper
152 100
115 61.3 31.2 93.6
150 157.3 0.0 352.0

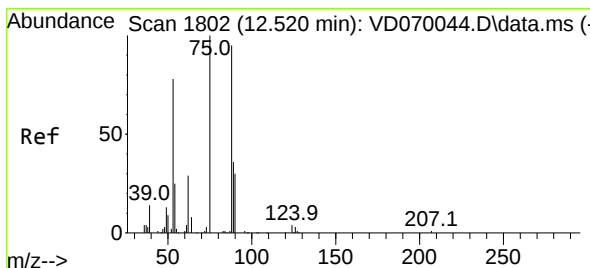
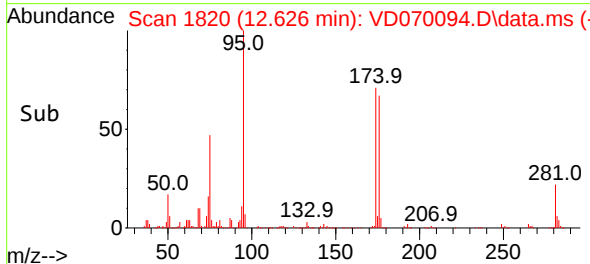
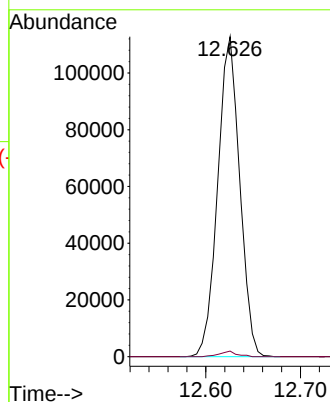
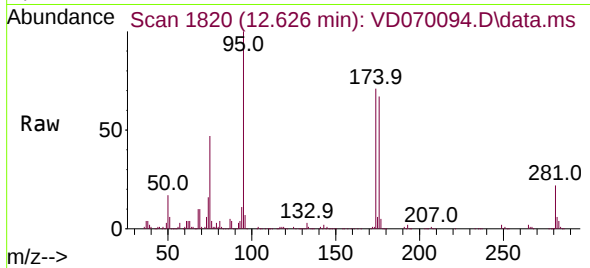




#76
1,2,3-Trichloropropane
Concen: 53.740 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Instrument :
MSVOA_D
ClientSampled :
PG-2

Tgt Ion: 75 Resp: 182189
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.490 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070094.D
Acq: 17 Aug 2021 18:04

Tgt Ion: 75 Resp: 182189
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.4 33.7 50.5#

