

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
 Data File : VD070283.D
 Acq On : 31 Aug 2021 16:55
 Operator : VA/SY
 Sample : M3605-04RE
 Misc : 4.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 01 03:59:23 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)

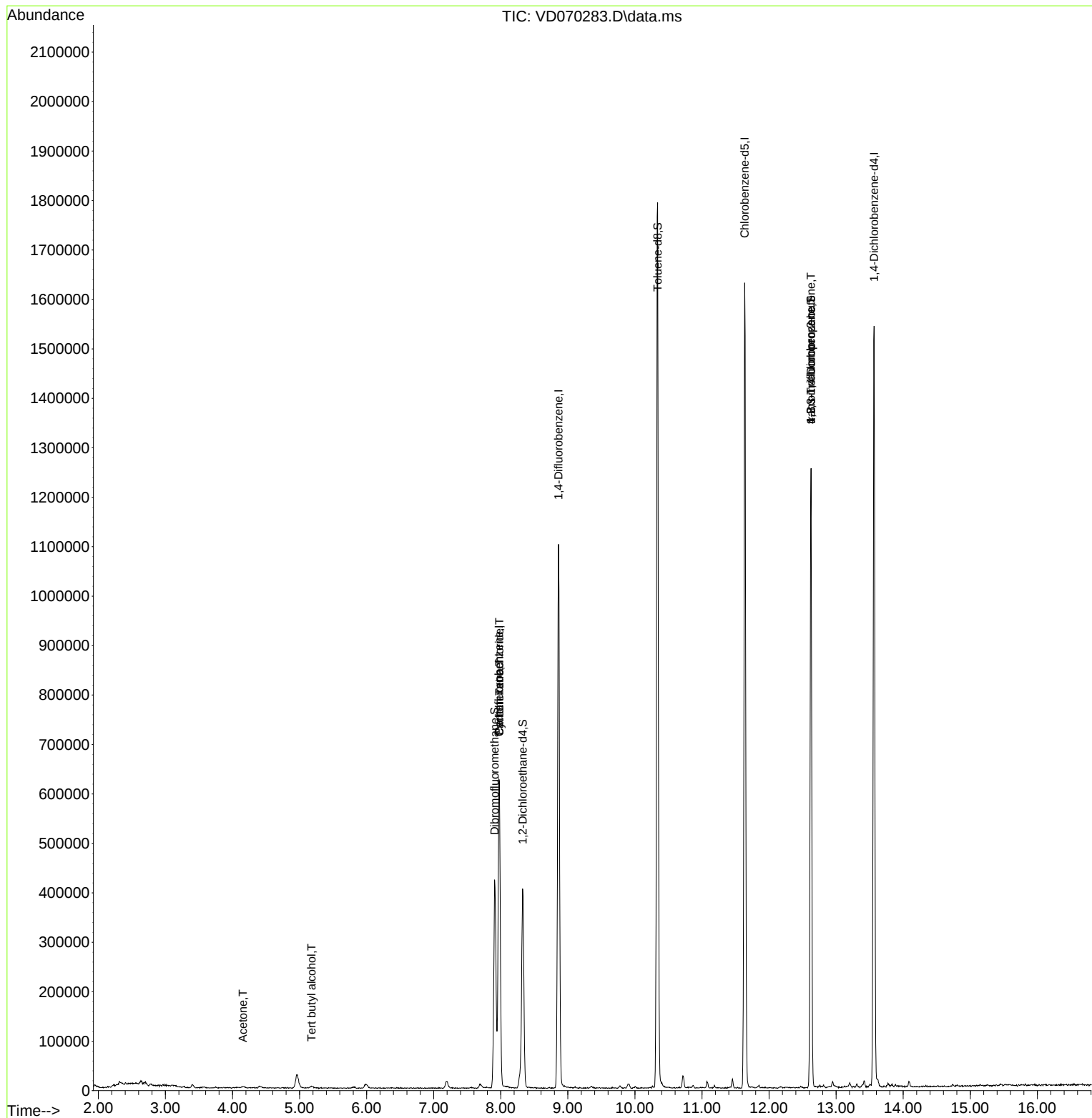
Internal Standards						
1) Pentafluorobenzene	7.973	168	439539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	925239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	945984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	406005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	310299	60.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.040%	
35) Dibromofluoromethane	7.908	113	311574	52.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.240%	
50) Toluene-d8	10.338	98	1219881	52.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.626	95	415286	54.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	1116	Below Cal		82
3) Chloromethane	2.209	50	1490	Below Cal	#	85
5) Bromomethane	2.779	94	2556	Below Cal		98
11) Tert butyl alcohol	5.179	59	3841	13.442	ug/l #	71
16) Acetone	4.156	43	6245	6.558	ug/l #	81
20) Methylene Chloride	4.967	84	21230	Below Cal		87
31) Cyclohexane	7.979	56	10717	1.047	ug/l #	1
38) Carbon Tetrachloride	7.979	117	46776	5.176	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	205825	49.988	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	205825	129.752	ug/l #	18

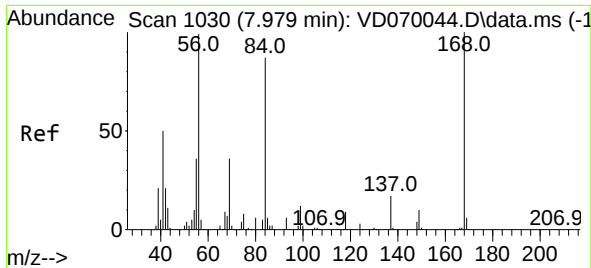
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 01 03:59:23 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

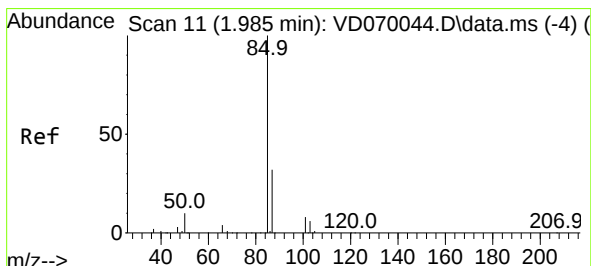
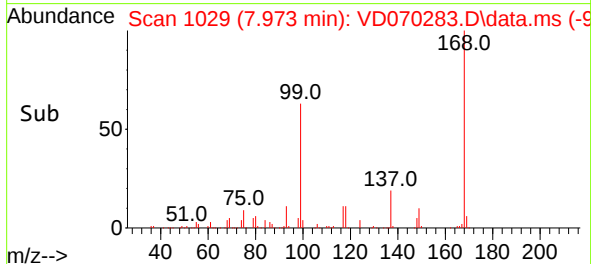
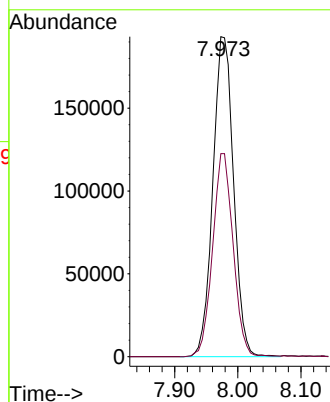
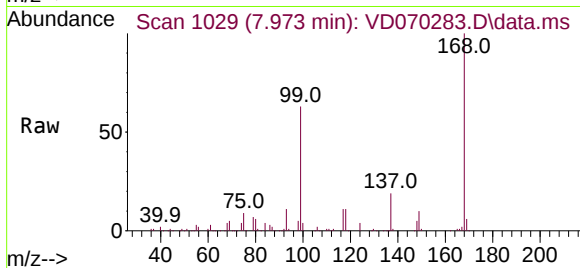




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

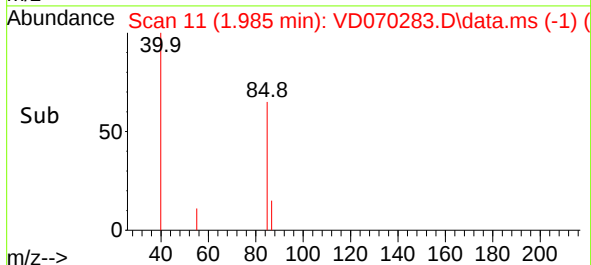
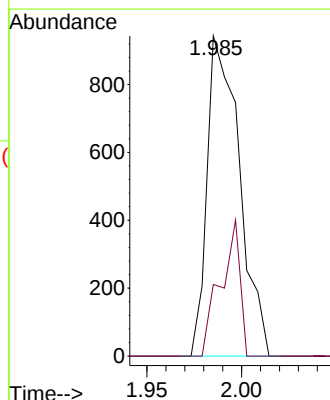
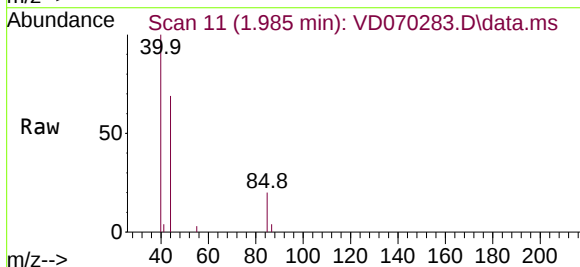
Instrument :
MSVOA_D
ClientSampleId :

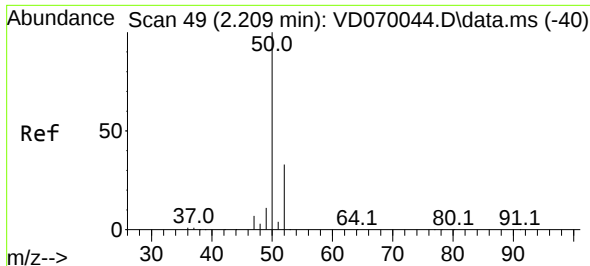
Tgt Ion:168 Resp: 439539
Ion Ratio Lower Upper
168 100
99 63.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion: 85 Resp: 1116
Ion Ratio Lower Upper
85 100
87 22.4 16.2 48.6

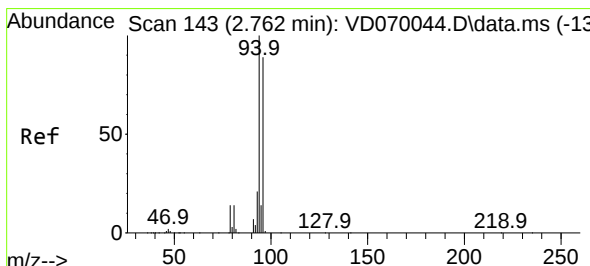
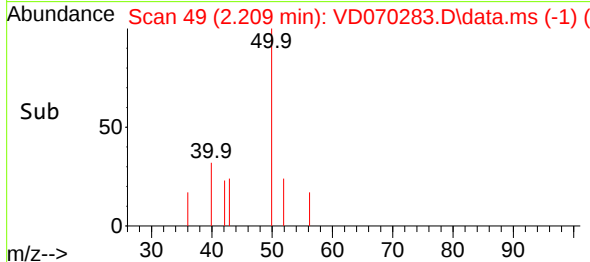
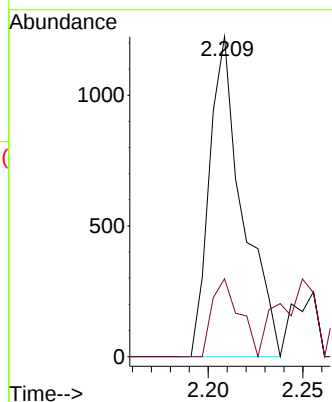
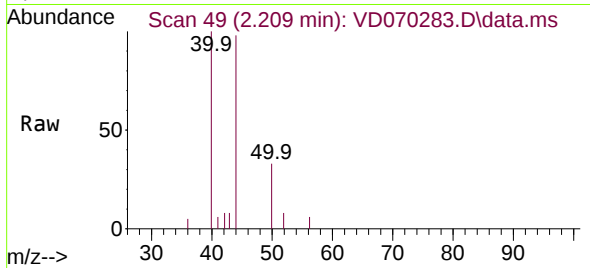




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

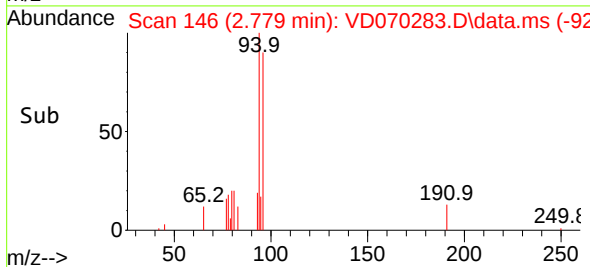
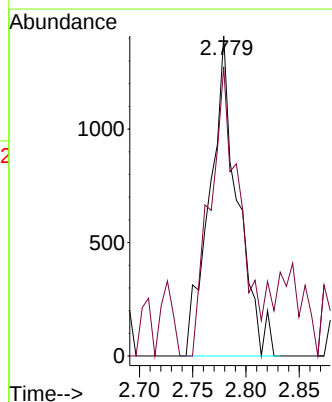
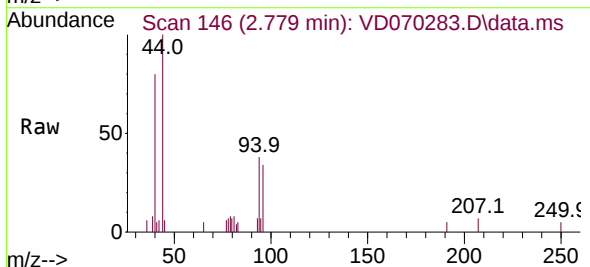
Instrument :
MSVOA_D
ClientSampled :

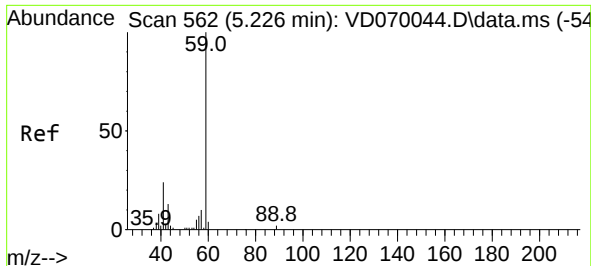
Tgt Ion: 50 Resp: 1490
Ion Ratio Lower Upper
50 100
52 24.3 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion: 94 Resp: 2556
Ion Ratio Lower Upper
94 100
96 90.4 70.9 106.3



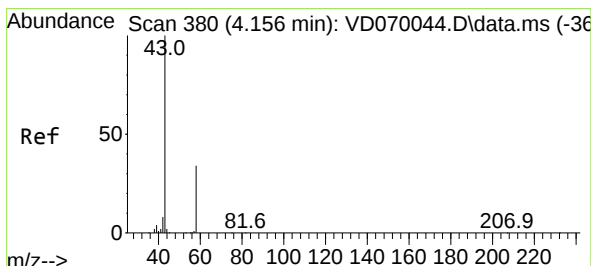
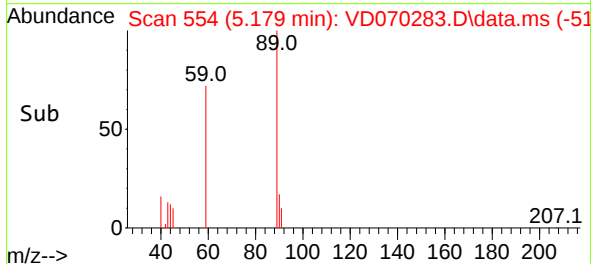
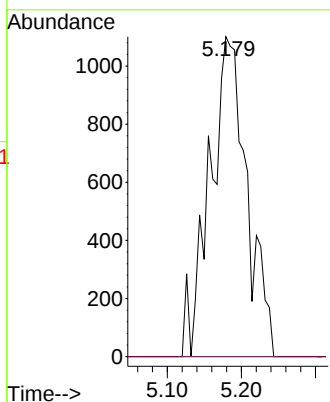
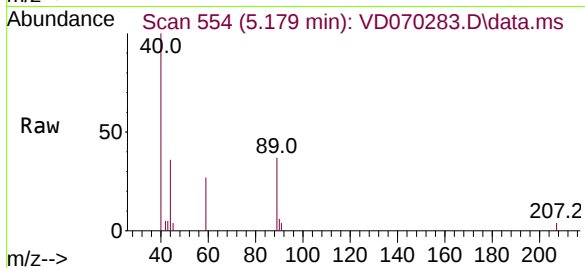


#11

Tert butyl alcohol
Concen: 13.442 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.047 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Instrument :
MSVOA_D
ClientSampleID :

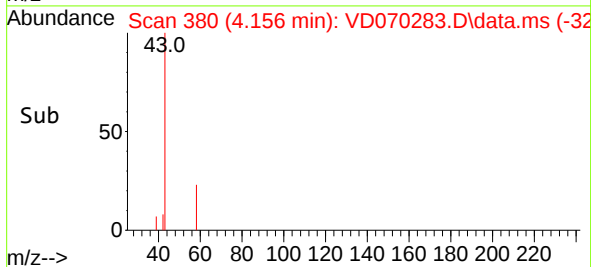
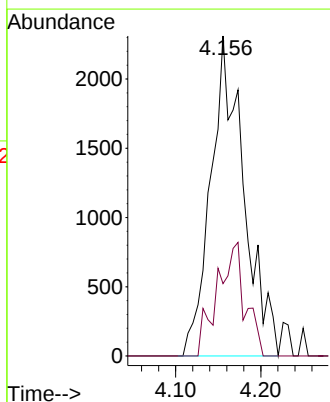
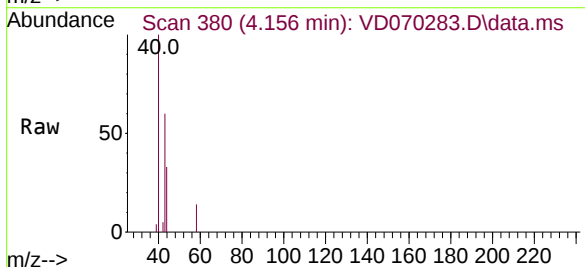
Tgt Ion: 59 Resp: 3841
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

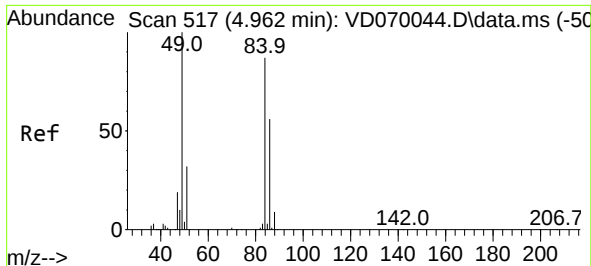


#16

Acetone
Concen: 6.558 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

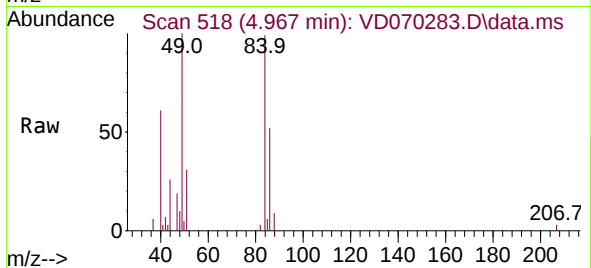
Tgt Ion: 43 Resp: 6245
Ion Ratio Lower Upper
43 100
58 22.6 26.8 40.2#



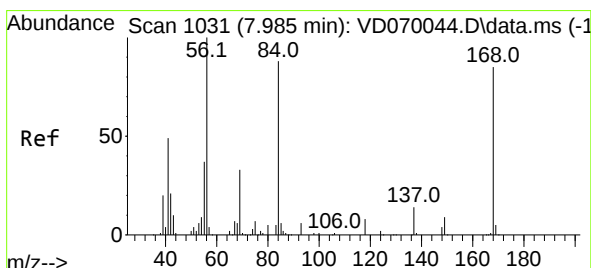
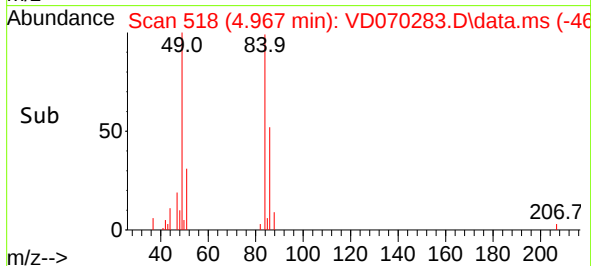
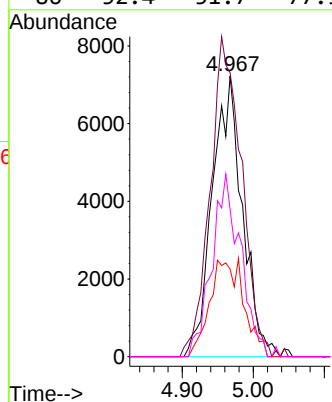


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Instrument :
MSVOA_D
ClientSampled :

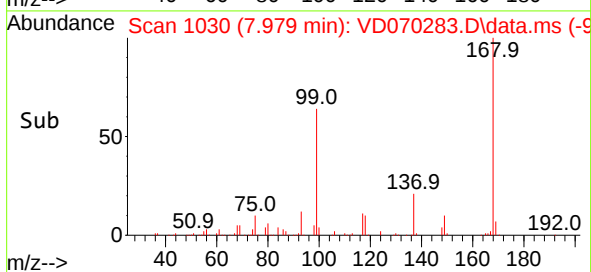
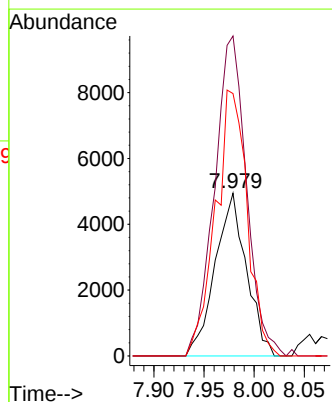
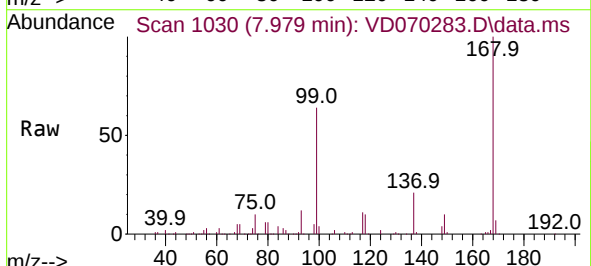


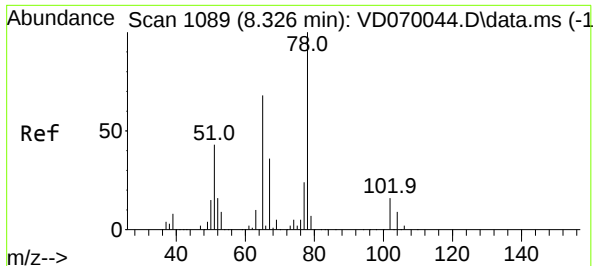
Tgt Ion:	84	Resp:	21230
Ion	Ratio	Lower	Upper
84	100		
49	101.1	92.5	138.7
51	31.2	29.7	44.5
86	52.4	51.7	77.5



#31
Cyclohexane
Concen: 1.047 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion:	56	Resp:	10717
Ion	Ratio	Lower	Upper
56	100		
69	196.7	26.7	40.1#
84	161.3	70.4	105.6#



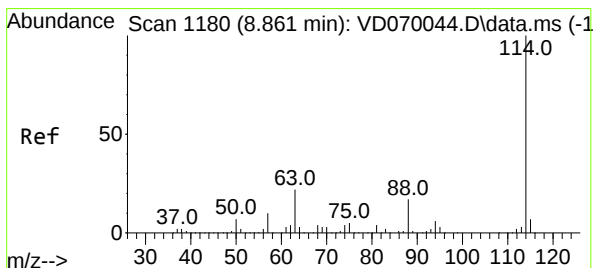
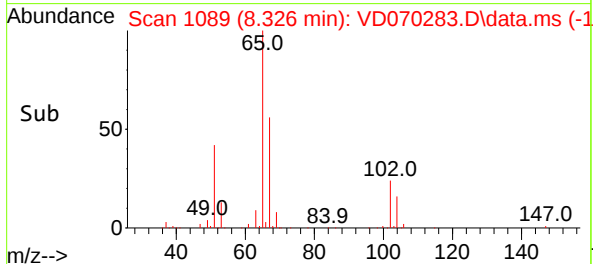
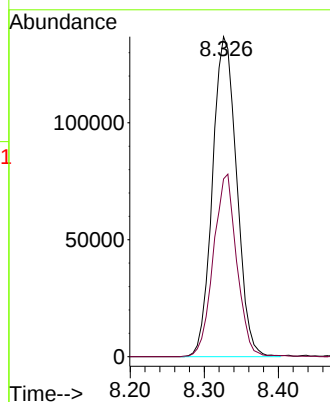
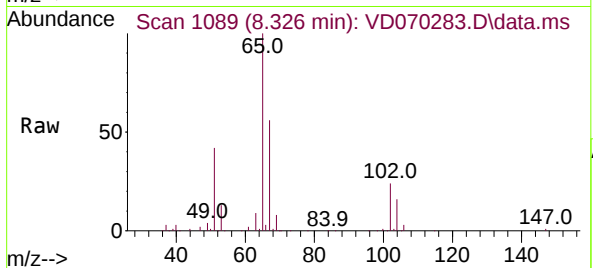


#33

1,2-Dichloroethane-d4
Concen: 60.023 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Instrument :
MSVOA_D
ClientSampled :

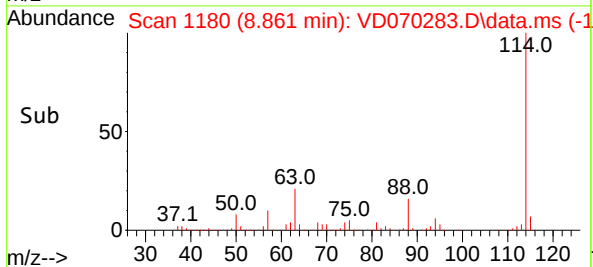
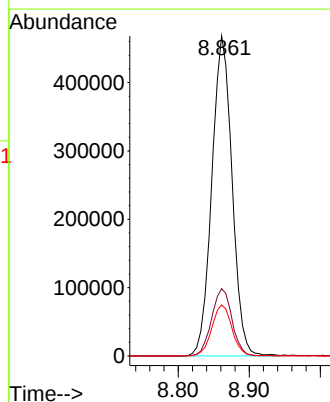
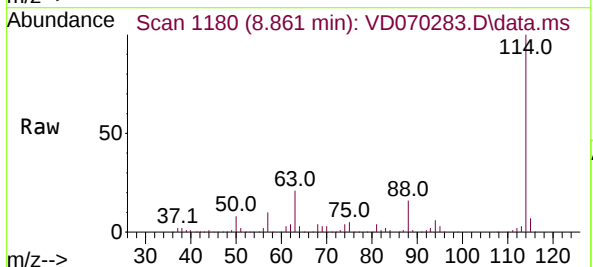
Tgt Ion: 65 Resp: 310299
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8

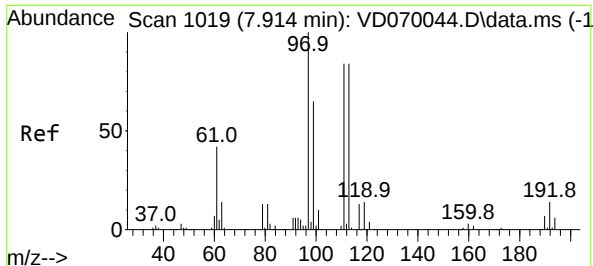


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion: 114 Resp: 925239
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.6
88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.123 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070283.D

Acq: 31 Aug 2021 16:55

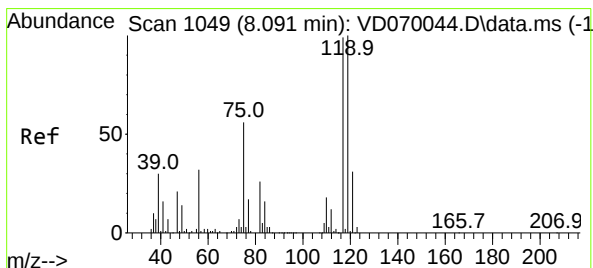
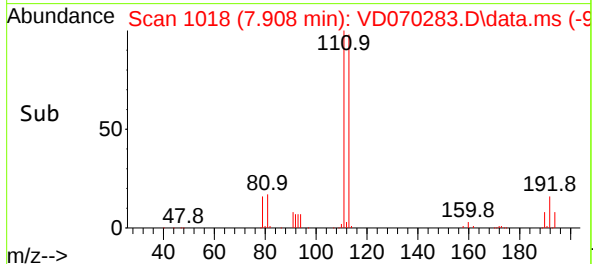
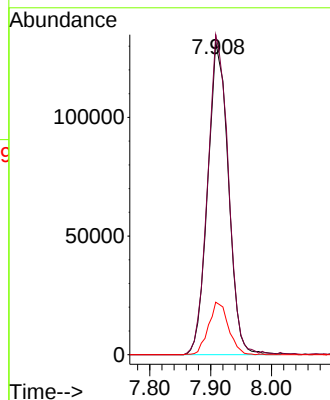
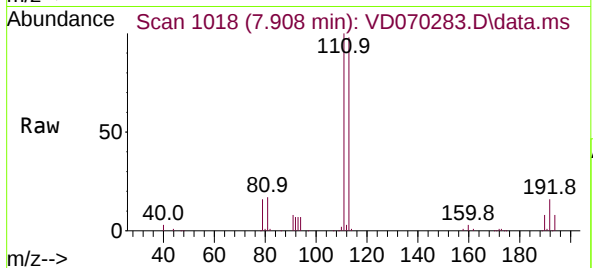
Tgt Ion:113 Resp: 311574

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 16.1 13.2 19.8



#38

Carbon Tetrachloride

Concen: 5.176 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD070283.D

Acq: 31 Aug 2021 16:55

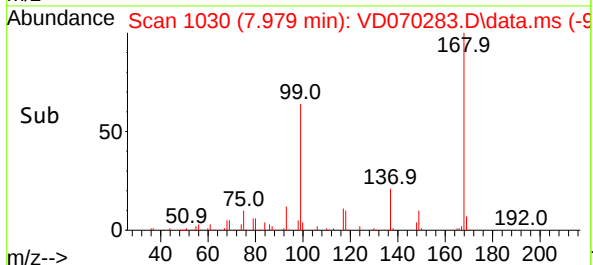
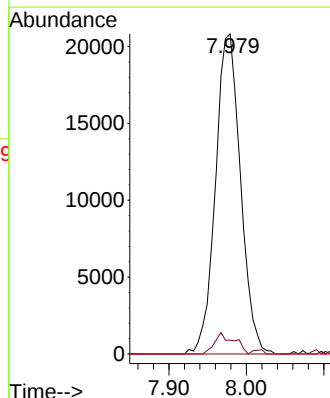
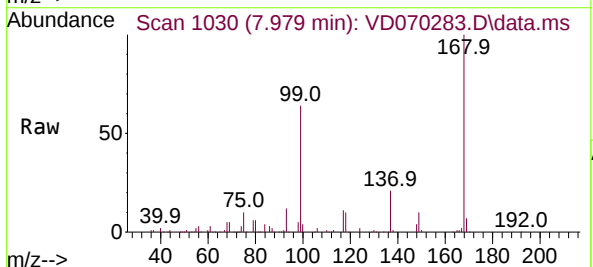
Tgt Ion:117 Resp: 46776

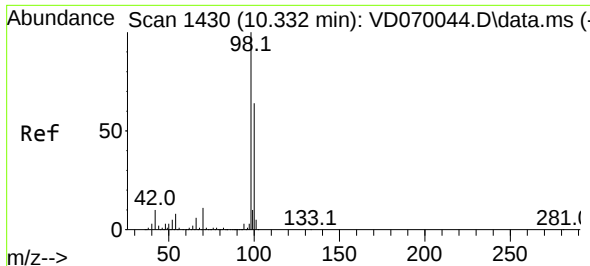
Ion Ratio Lower Upper

117 100

119 4.3 81.0 121.6#

121 0.0 25.0 37.6#

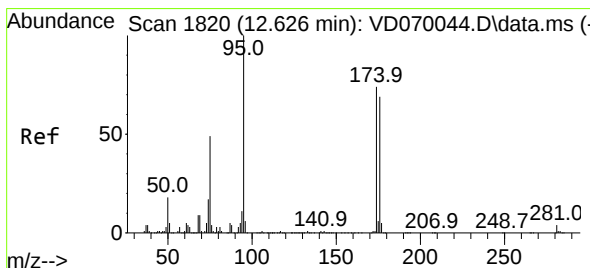
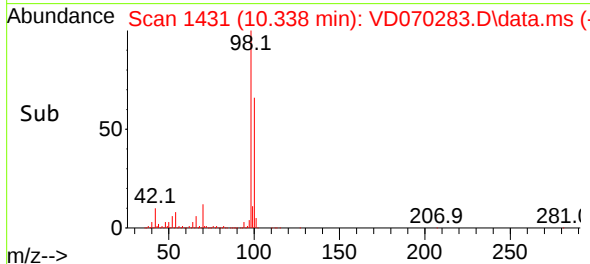
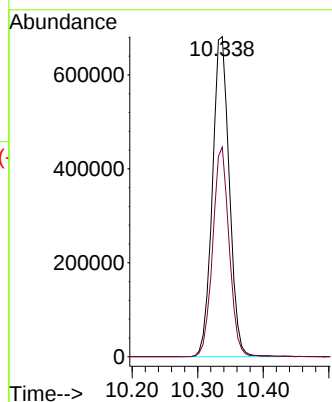
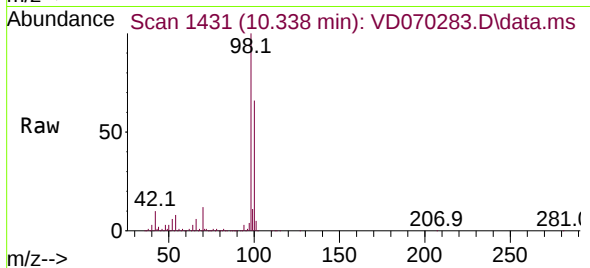




#50
Toluene-d8
Concen: 52.469 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

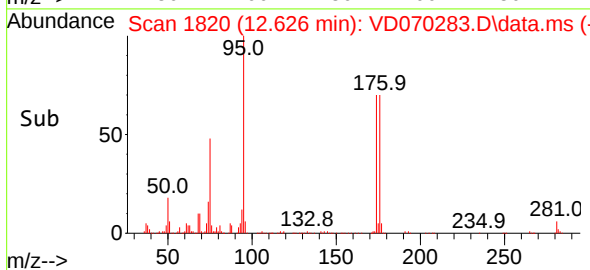
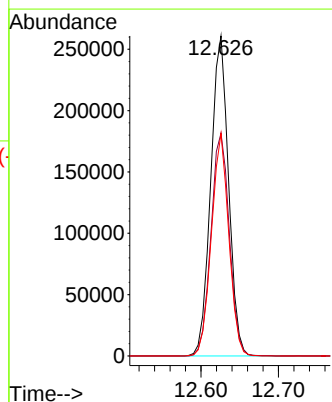
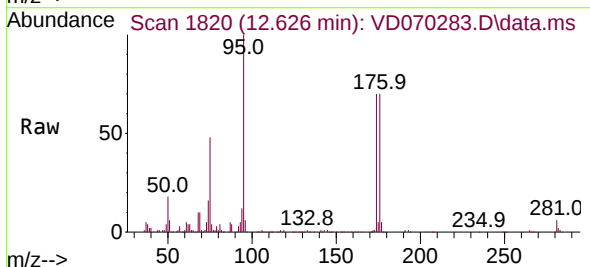
Instrument :
MSVOA_D
ClientSampled :

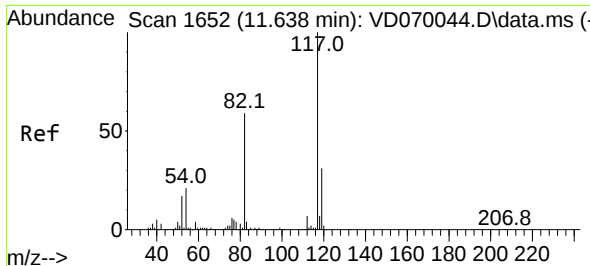
Tgt Ion: 98 Resp: 1219881
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.230 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion: 95 Resp: 415286
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 67.9 0.0 138.2

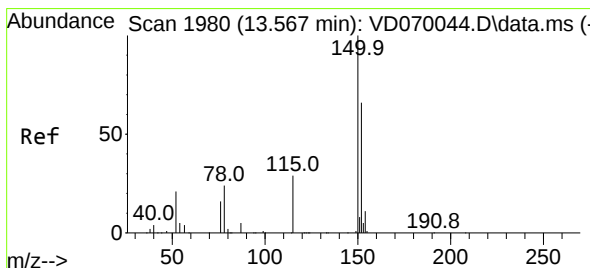
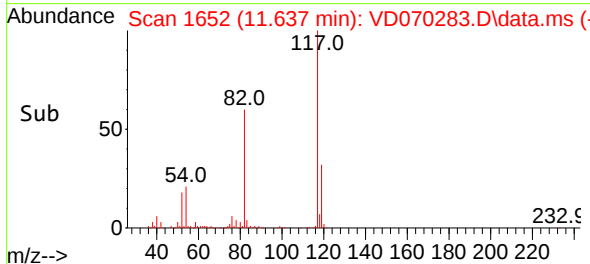
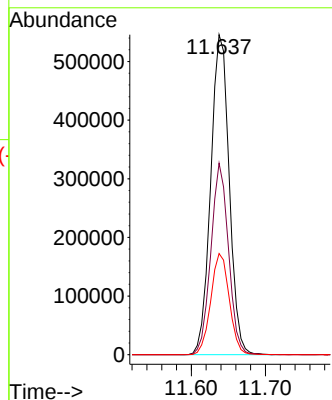
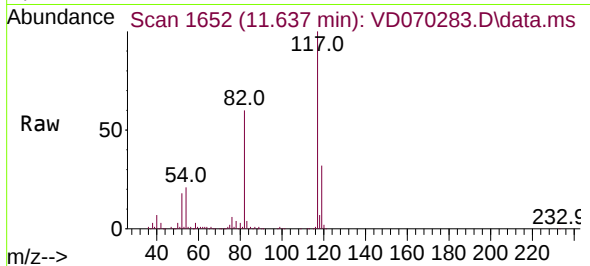




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

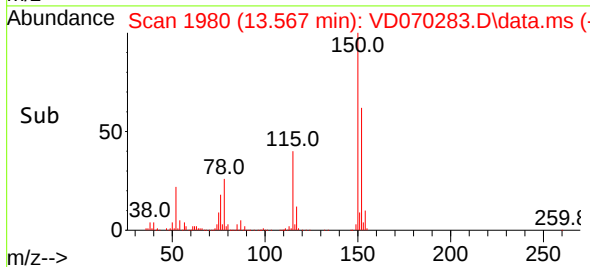
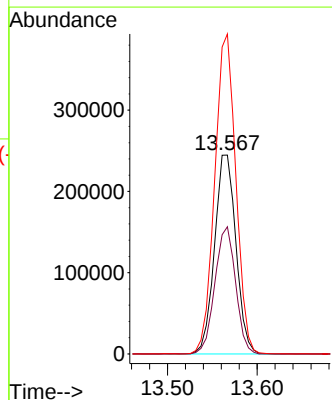
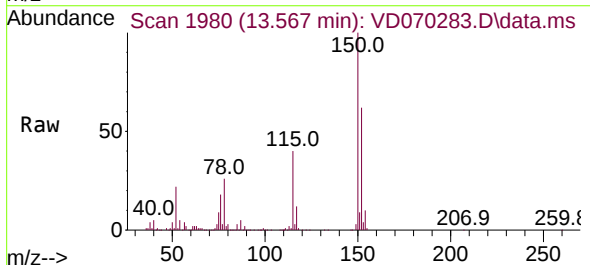
Instrument :
MSVOA_D
ClientSampleId :

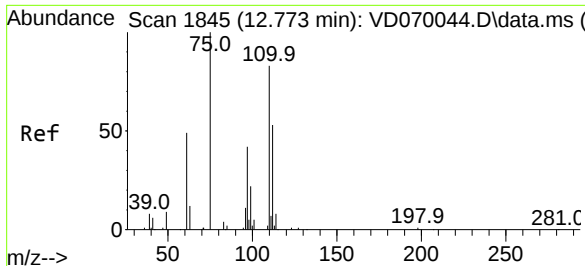
Tgt Ion:117 Resp: 945984
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion:152 Resp: 406005
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 158.4 0.0 352.0

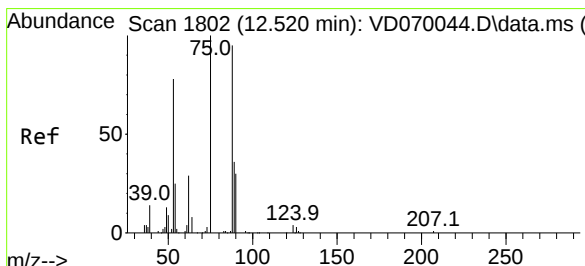
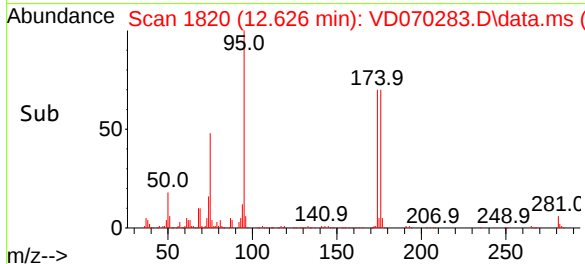
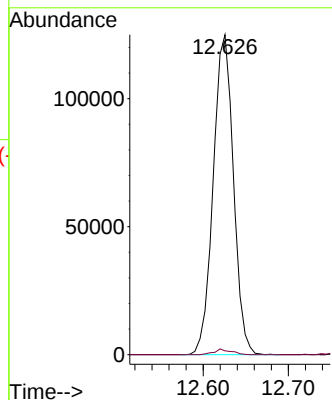
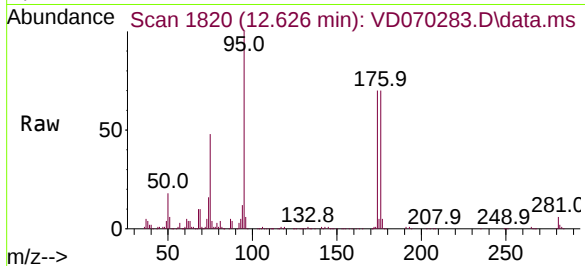




#76
1,2,3-Trichloropropane
Concen: 49.988 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 205825
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.752 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion: 75 Resp: 205825
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.1 33.7 50.5#

