

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070686.D
 Acq On : 12 Oct 2021 18:26
 Operator : VA/SY
 Sample : M4150-01
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDR-20211007-WC

Quant Time: Oct 13 06:38:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

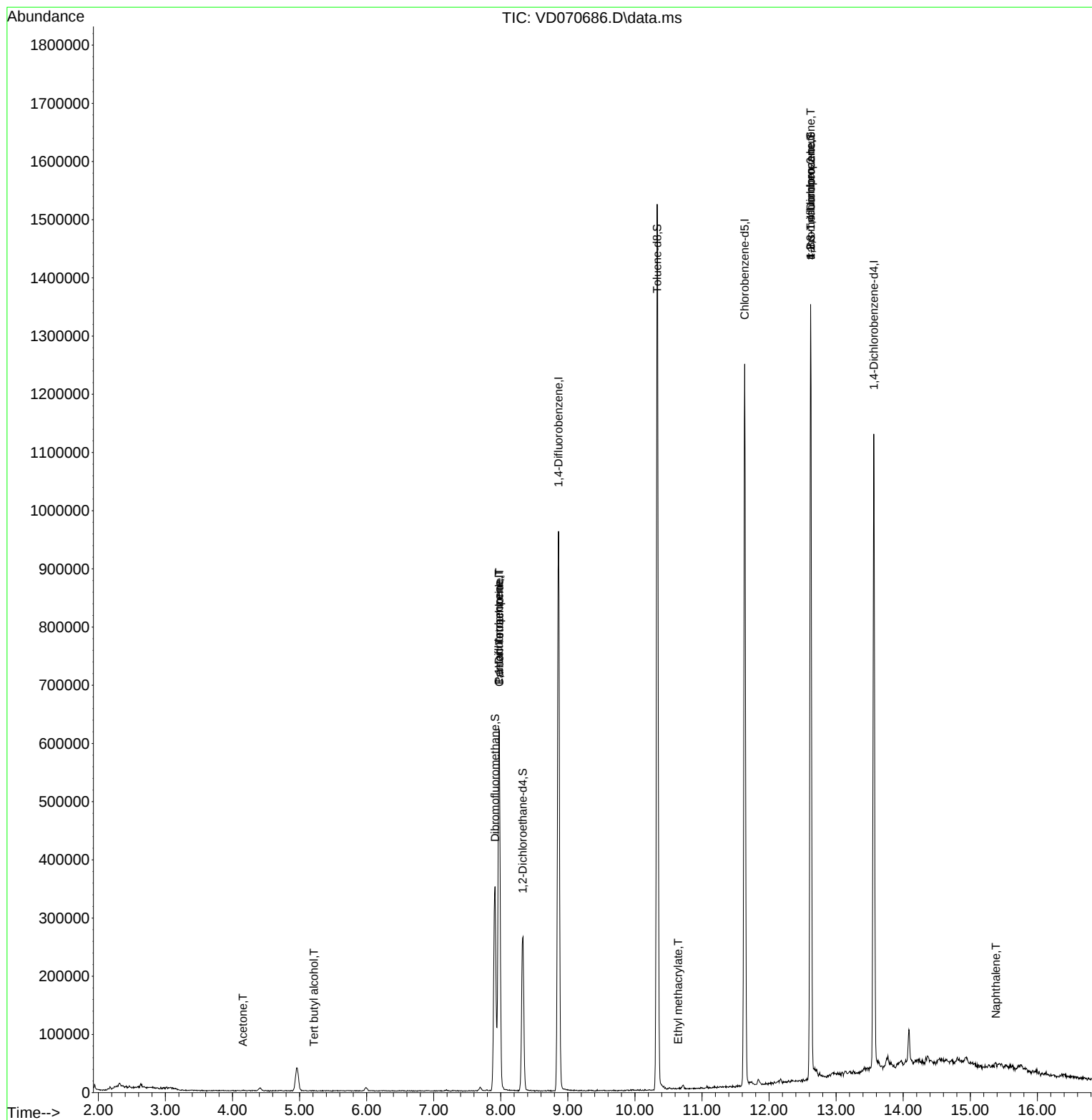
Internal Standards						
1) Pentafluorobenzene	7.973	168	452137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	855048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	758743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	290502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217757	40.924	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.840%		
35) Dibromofluoromethane	7.914	113	262390	46.156	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.320%		
50) Toluene-d8	10.332	98	1067101	49.102	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.620	95	334746	46.086	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.180%		
Target Compounds						
5) Bromomethane	2.773	94	503	Below Cal	#	70
11) Tert butyl alcohol	5.214	59	551	2.090	ug/l #	83
16) Acetone	4.156	43	1393	1.542	ug/l #	40
20) Methylene Chloride	4.961	84	35336	Below Cal		95
36) 1,1-Dichloropropene	7.973	75	39786	4.381	ug/l #	49
38) Carbon Tetrachloride	7.979	117	48635	5.118	ug/l #	15
56) Ethyl methacrylate	10.643	69	223	1.412	ug/l #	1
59) 2-Hexanone	10.996	43	372	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.620	75	157136	59.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	157136	132.682	ug/l #	18
95) Naphthalene	15.384	128	815	2.574	ug/l #	1

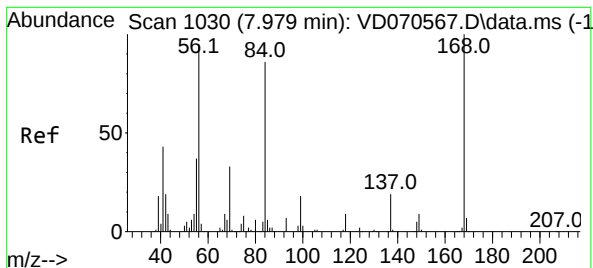
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 06:38:50 2021
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Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 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: VD070686.D

Acq: 12 Oct 2021 18:26

Instrument :

MSVOA_D

ClientSampleId :

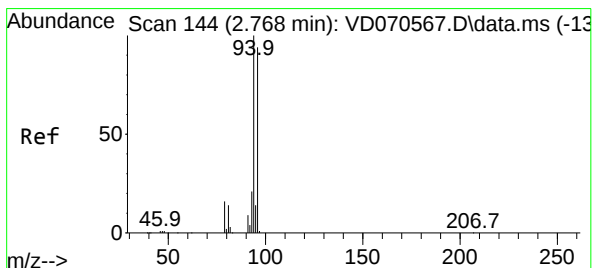
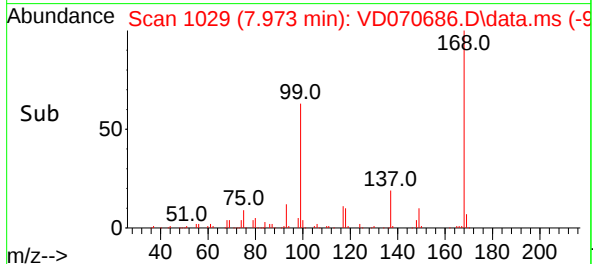
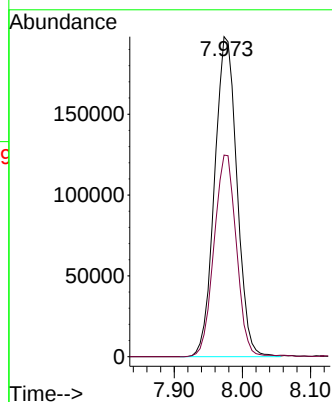
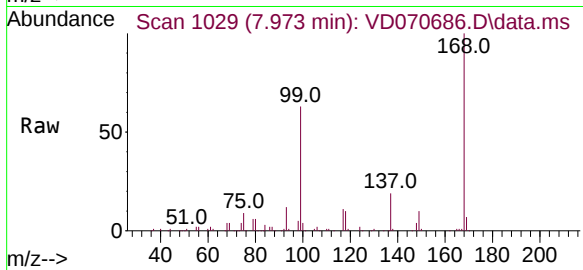
FDR-20211007-WC

Tgt Ion:168 Resp: 452137

Ion Ratio Lower Upper

168 100

99 63.0 51.4 77.0



#5

Bromomethane

Concen: Below Cal

RT: 2.773 min Scan# 145

Delta R.T. 0.005 min

Lab File: VD070686.D

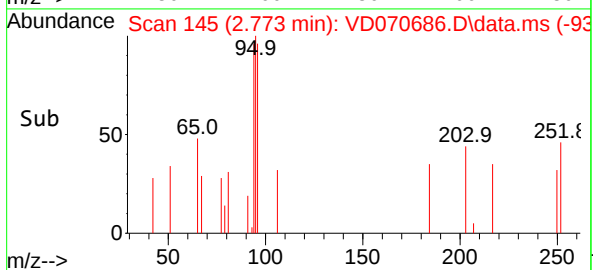
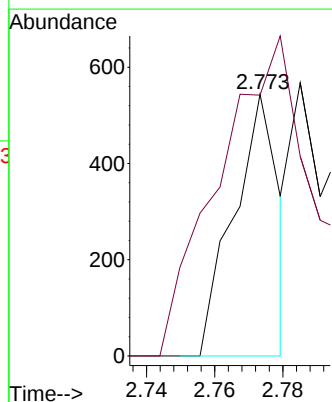
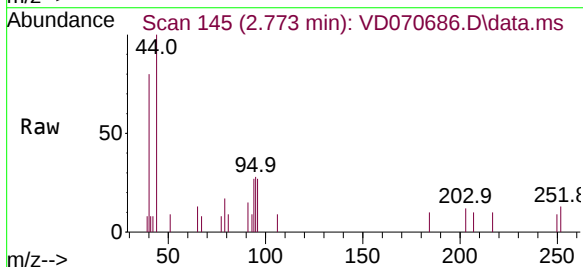
Acq: 12 Oct 2021 18:26

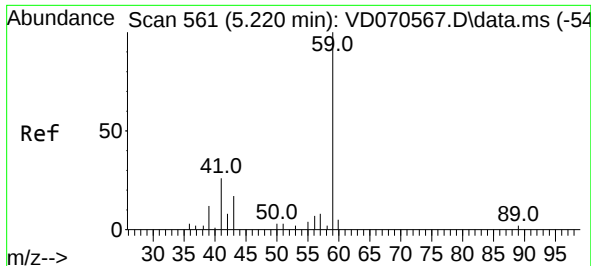
Tgt Ion: 94 Resp: 503

Ion Ratio Lower Upper

94 100

96 65.8 75.5 113.3#



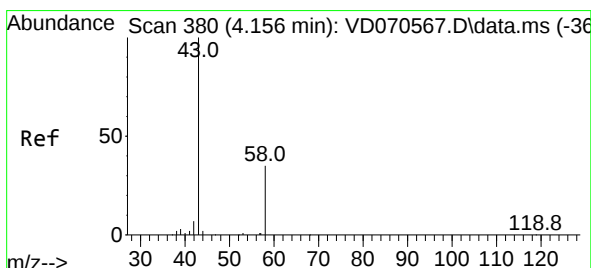
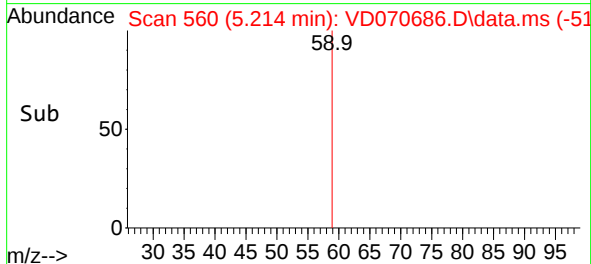
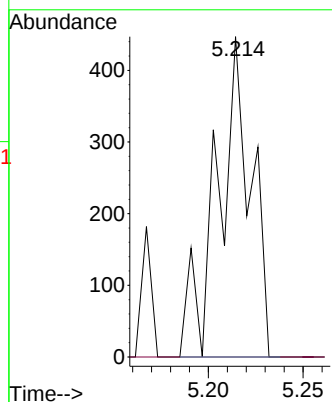
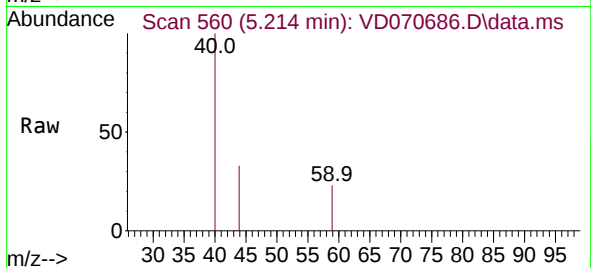


#11

Tert butyl alcohol
Concen: 2.090 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

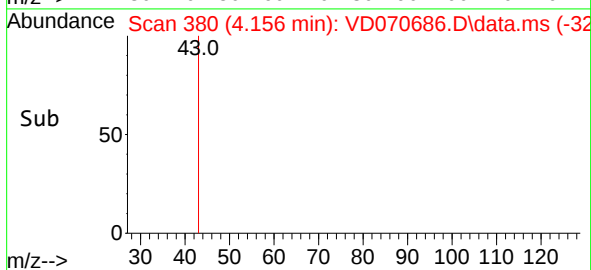
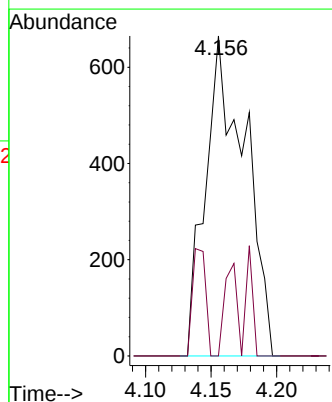
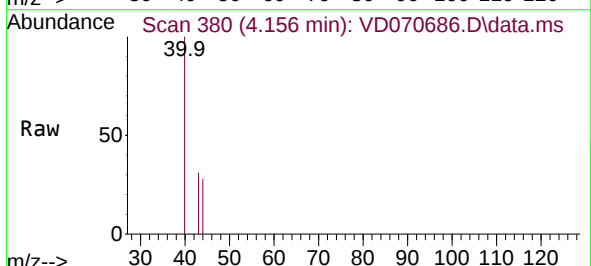
Tgt Ion: 59 Resp: 551
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

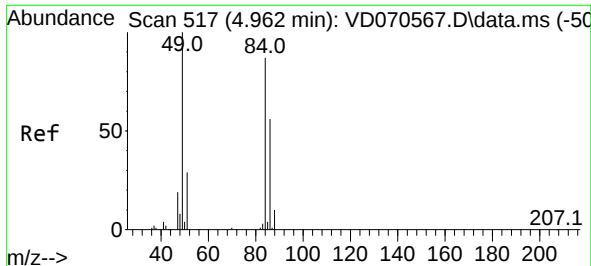


#16

Acetone
Concen: 1.542 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

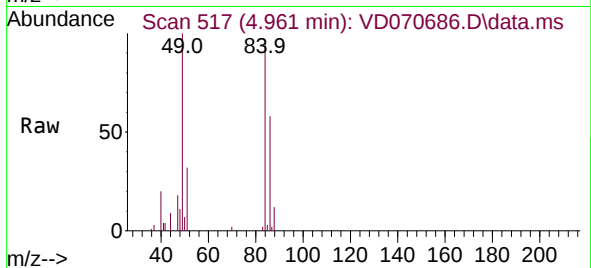
Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



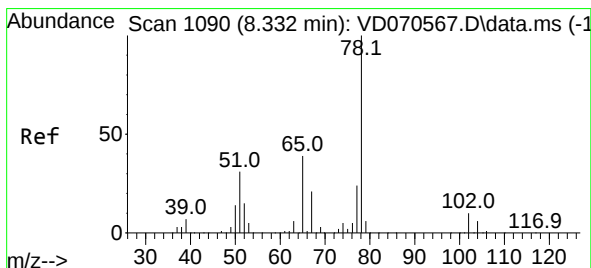
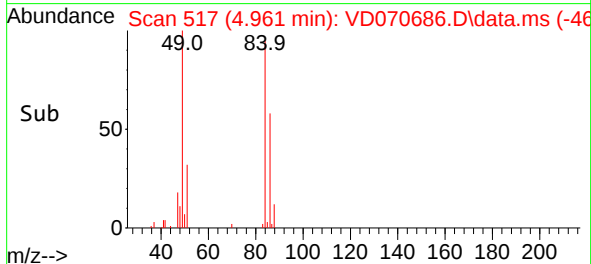
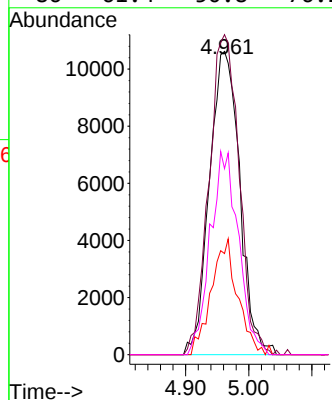


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

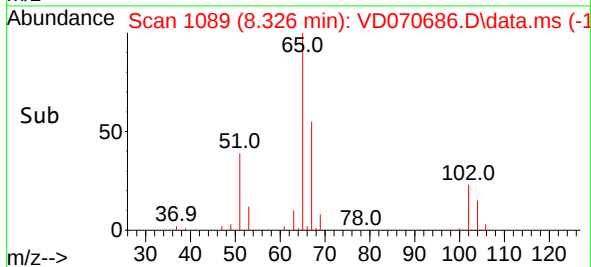
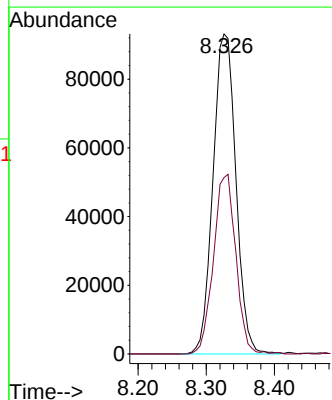
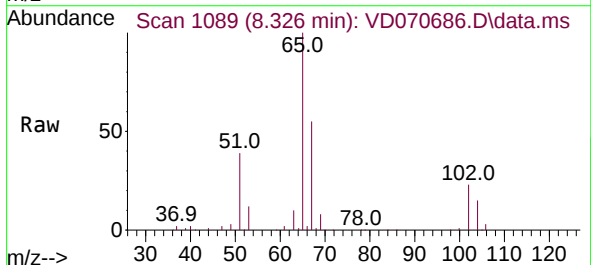


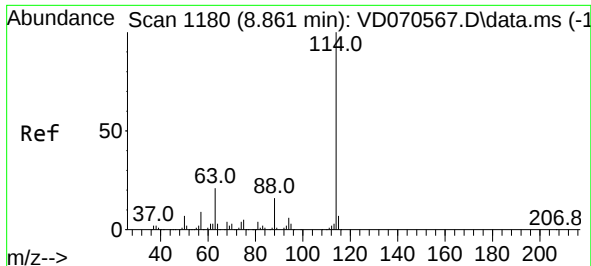
Tgt Ion:	84	Resp:	35336
Ion	Ratio	Lower	Upper
84	100		
49	105.5	91.4	137.2
51	33.3	26.7	40.1
86	61.4	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 40.924 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion:	65	Resp:	217757
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070686.D

Acq: 12 Oct 2021 18:26

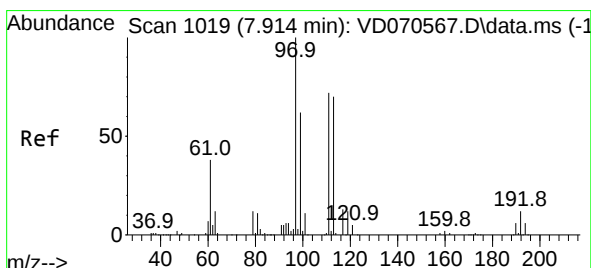
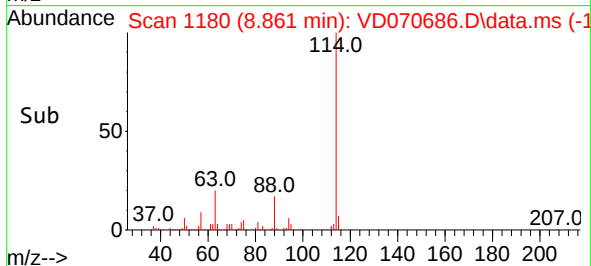
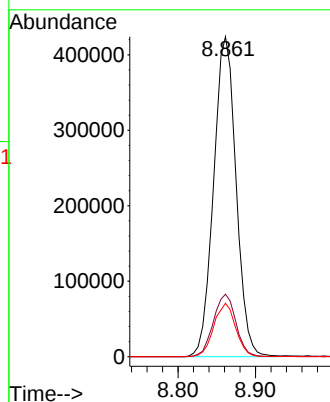
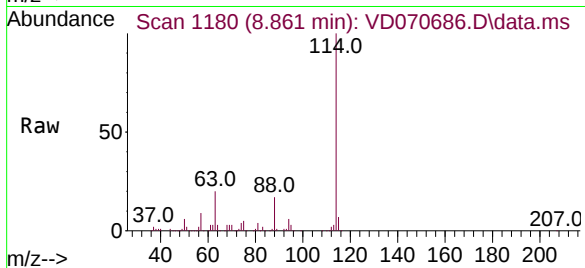
Instrument :

MSVOA_D

ClientSampleId :

FDR-20211007-WC

Tgt Ion:114	Resp: 855048
Ion Ratio	Lower Upper
114 100	
63 19.5	0.0 41.8
88 16.7	0.0 32.6



#35

Dibromofluoromethane

Concen: 46.156 ug/l

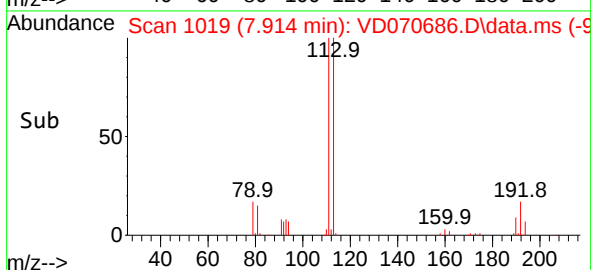
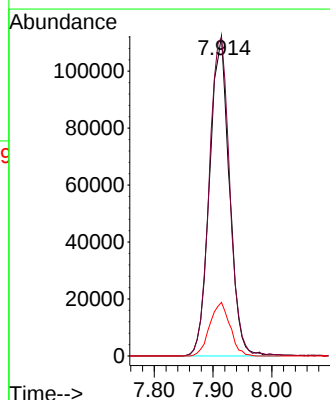
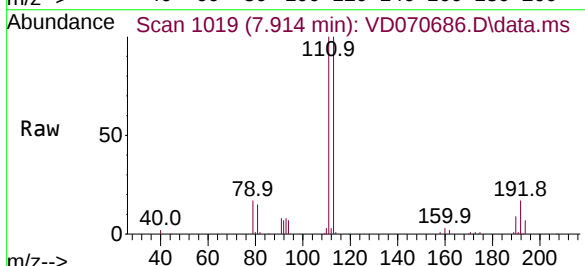
RT: 7.914 min Scan# 1019

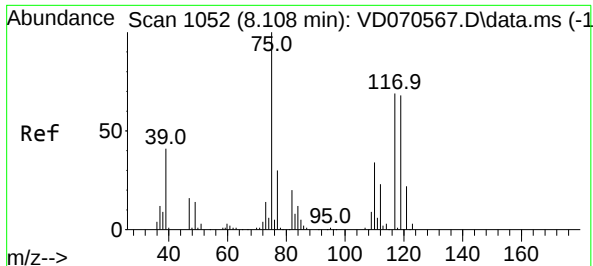
Delta R.T. -0.000 min

Lab File: VD070686.D

Acq: 12 Oct 2021 18:26

Tgt Ion:113	Resp: 262390
Ion Ratio	Lower Upper
113 100	
111 103.5	83.1 124.7
192 17.1	12.7 19.1

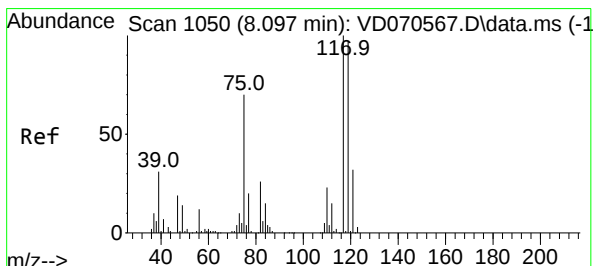
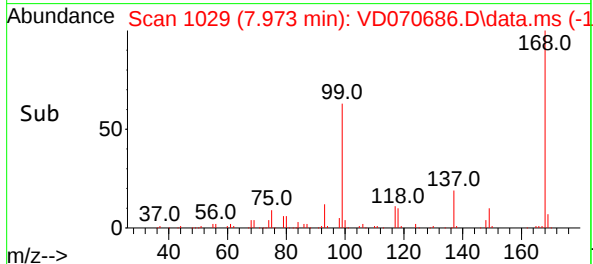
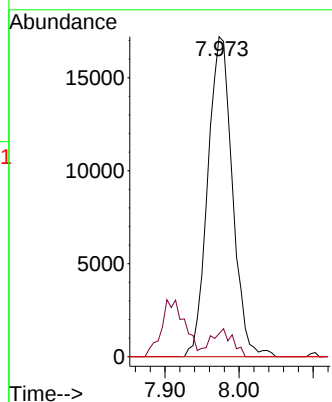
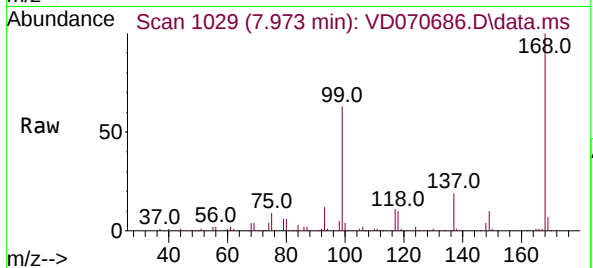




#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

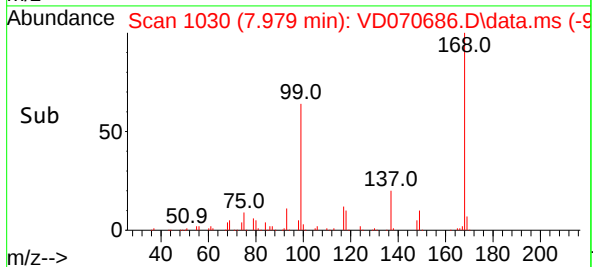
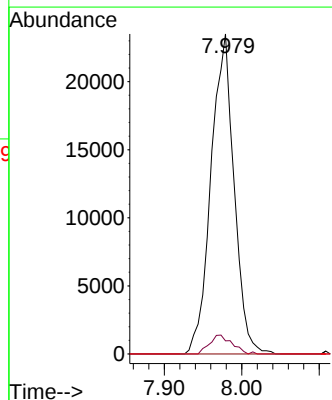
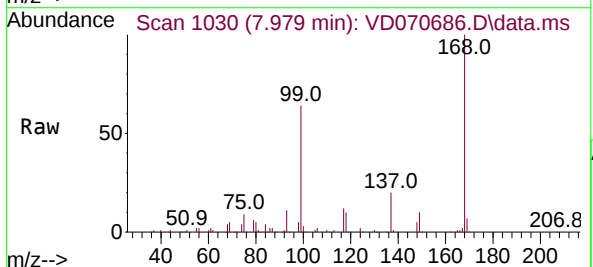
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

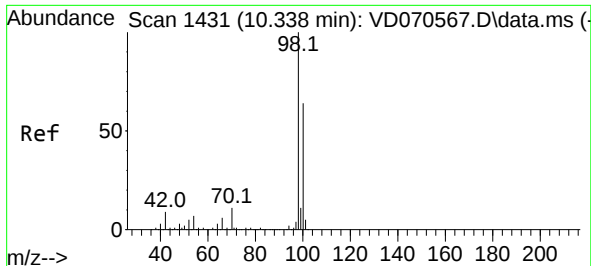
Tgt Ion: 75 Resp: 39786
Ion Ratio Lower Upper
75 100
110 7.4 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion: 117 Resp: 48635
Ion Ratio Lower Upper
117 100
119 4.1 77.4 116.0#
121 0.0 25.4 38.0#

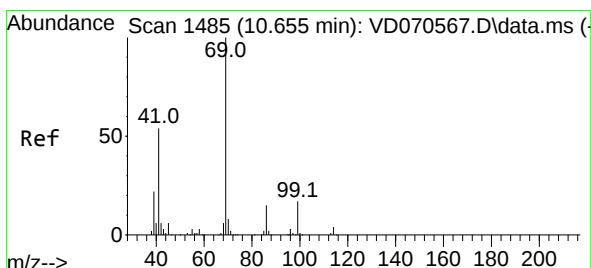
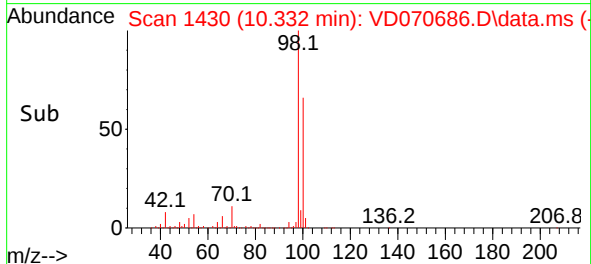
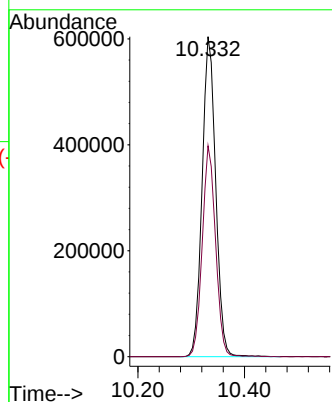
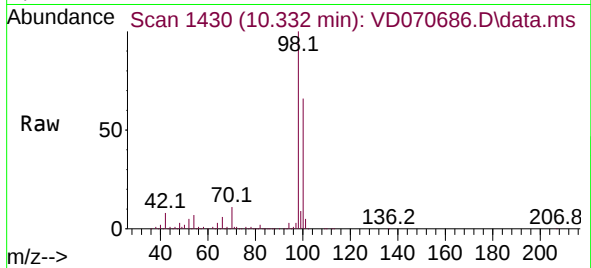




#50
Toluene-d8
Concen: 49.102 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

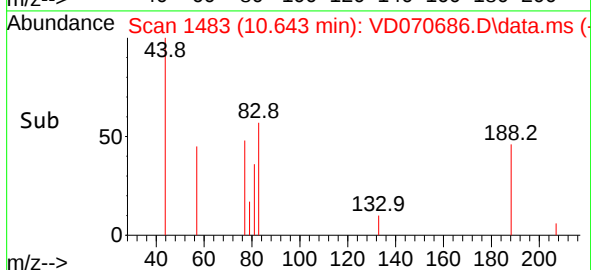
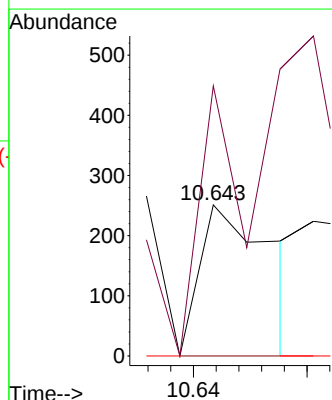
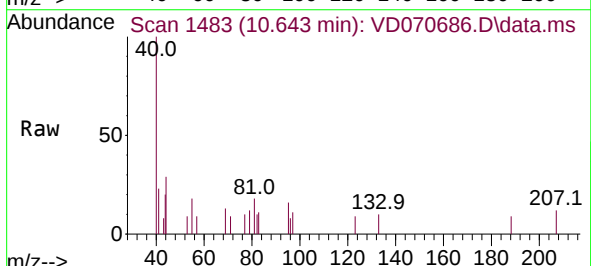
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MSVOA_D
ClientSampleId :
FDR-20211007-WC

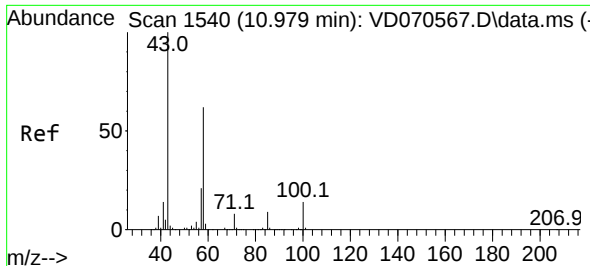
Tgt Ion: 98 Resp: 1067101
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.412 ug/l
RT: 10.643 min Scan# 1483
Delta R.T. -0.012 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion: 69 Resp: 223
Ion Ratio Lower Upper
69 100
41 322.0 44.7 67.1#
39 0.0 19.5 29.3#

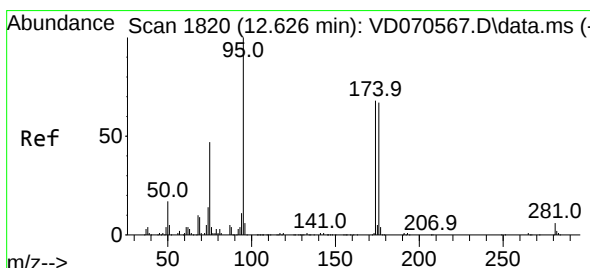
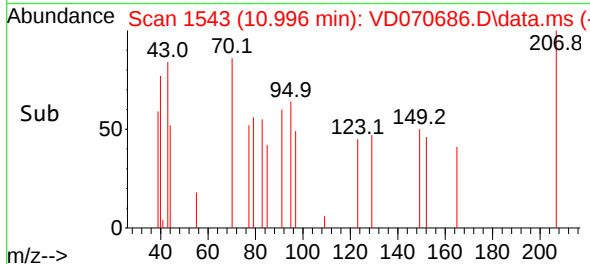
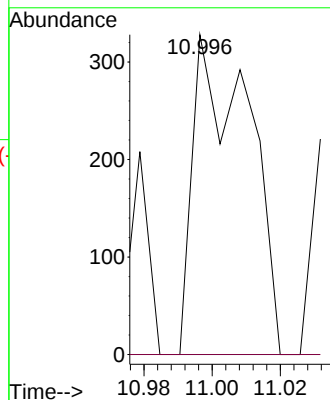
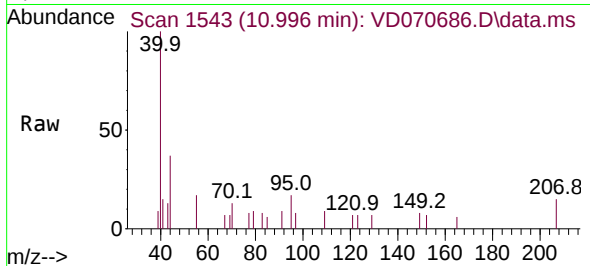




#59
2-Hexanone
Concen: Below Cal
RT: 10.996 min Scan# 1543
Delta R.T. 0.017 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

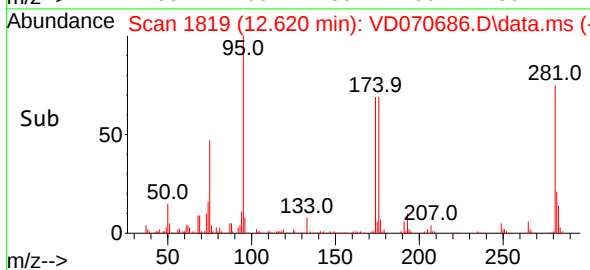
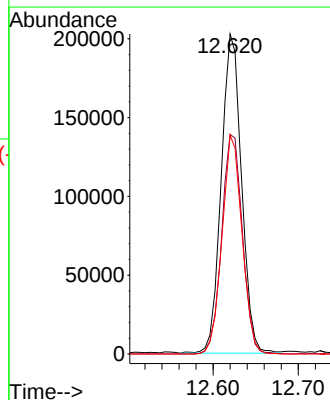
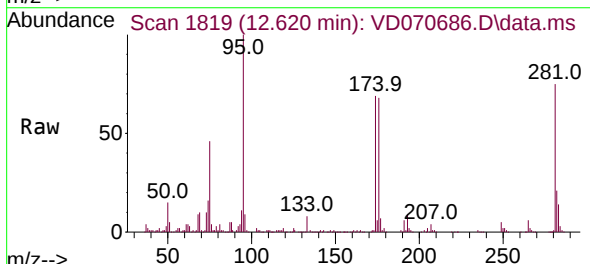
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

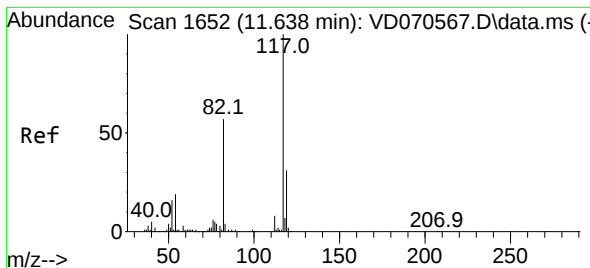
Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 46.086 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion: 95 Resp: 334746
Ion Ratio Lower Upper
95 100
174 70.1 0.0 138.0
176 67.6 0.0 135.6

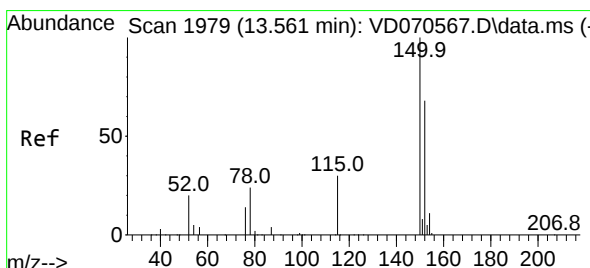
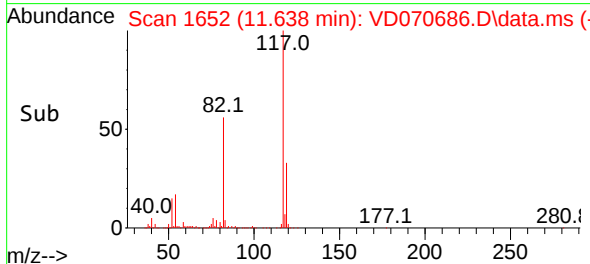
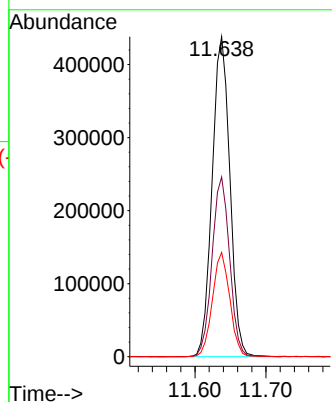
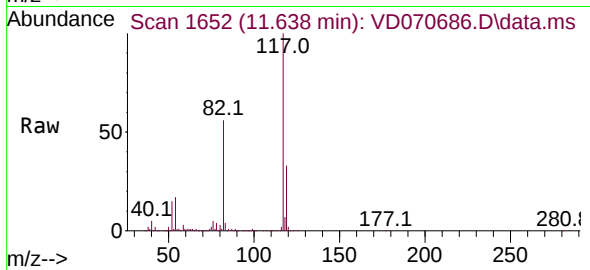




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

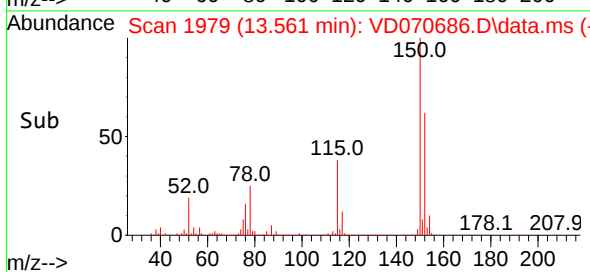
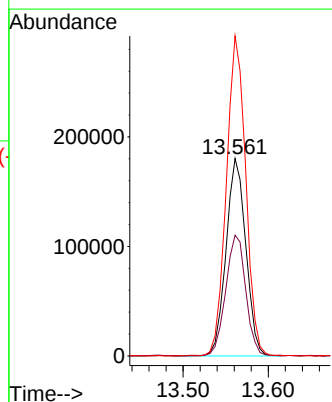
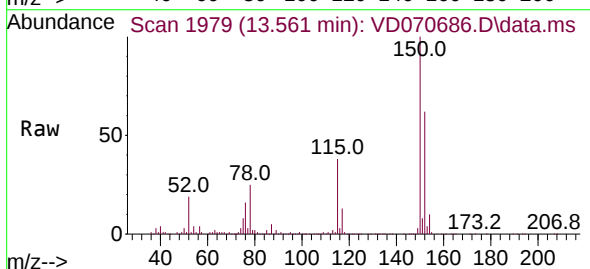
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

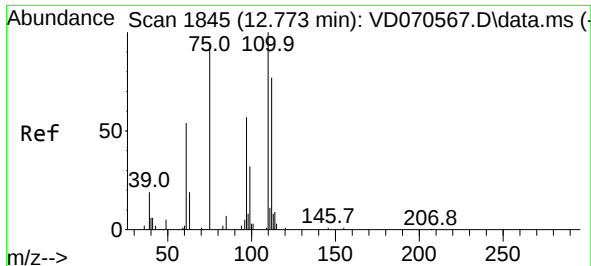
Tgt Ion:117 Resp: 758743
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 32.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion:152 Resp: 290502
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.7
150 158.7 0.0 350.0

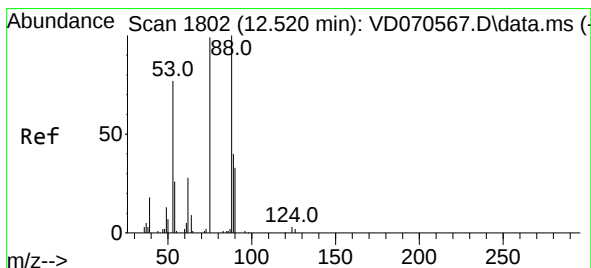
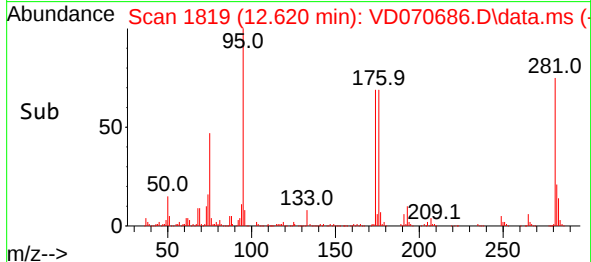
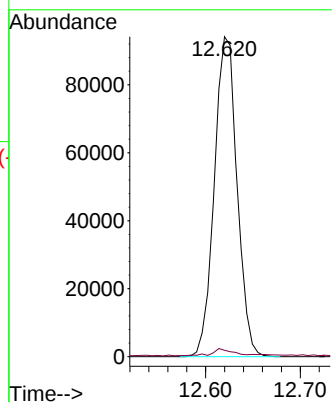
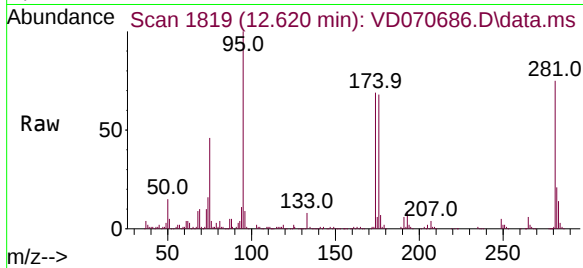




#76
1,2,3-Trichloropropane
Concen: 59.762 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

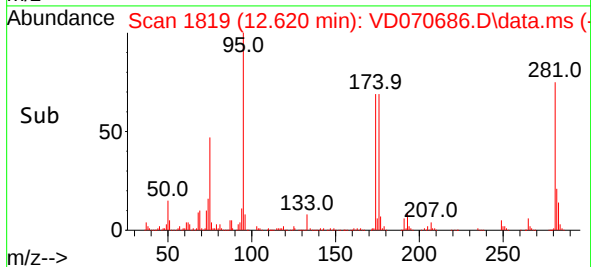
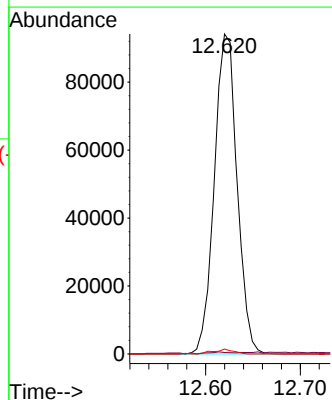
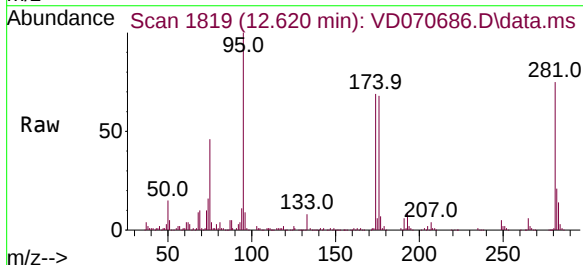
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

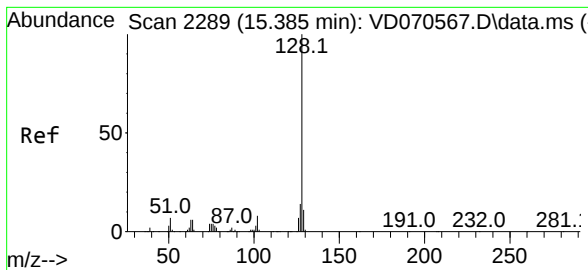
Tgt Ion: 75 Resp: 157136
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.682 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Tgt Ion: 75 Resp: 157136
Ion Ratio Lower Upper
75 100
53 0.7 64.5 96.7#
89 1.3 35.3 52.9#





#95
Naphthalene
Concen: 2.574 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070686.D
Acq: 12 Oct 2021 18:26

Instrument :
MSVOA_D
ClientSampleId :
FDR-20211007-WC

Tgt Ion:	128	Resp:	815
Ion	Ratio	Lower	Upper
128	100		
127	44.4	10.9	16.3#
129	111.7	8.6	12.8#

