

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070097.D
 Acq On : 17 Aug 2021 19:30
 Operator : VA/SY
 Sample : M3445-03
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-2

Quant Time: Aug 18 03:08:11 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)

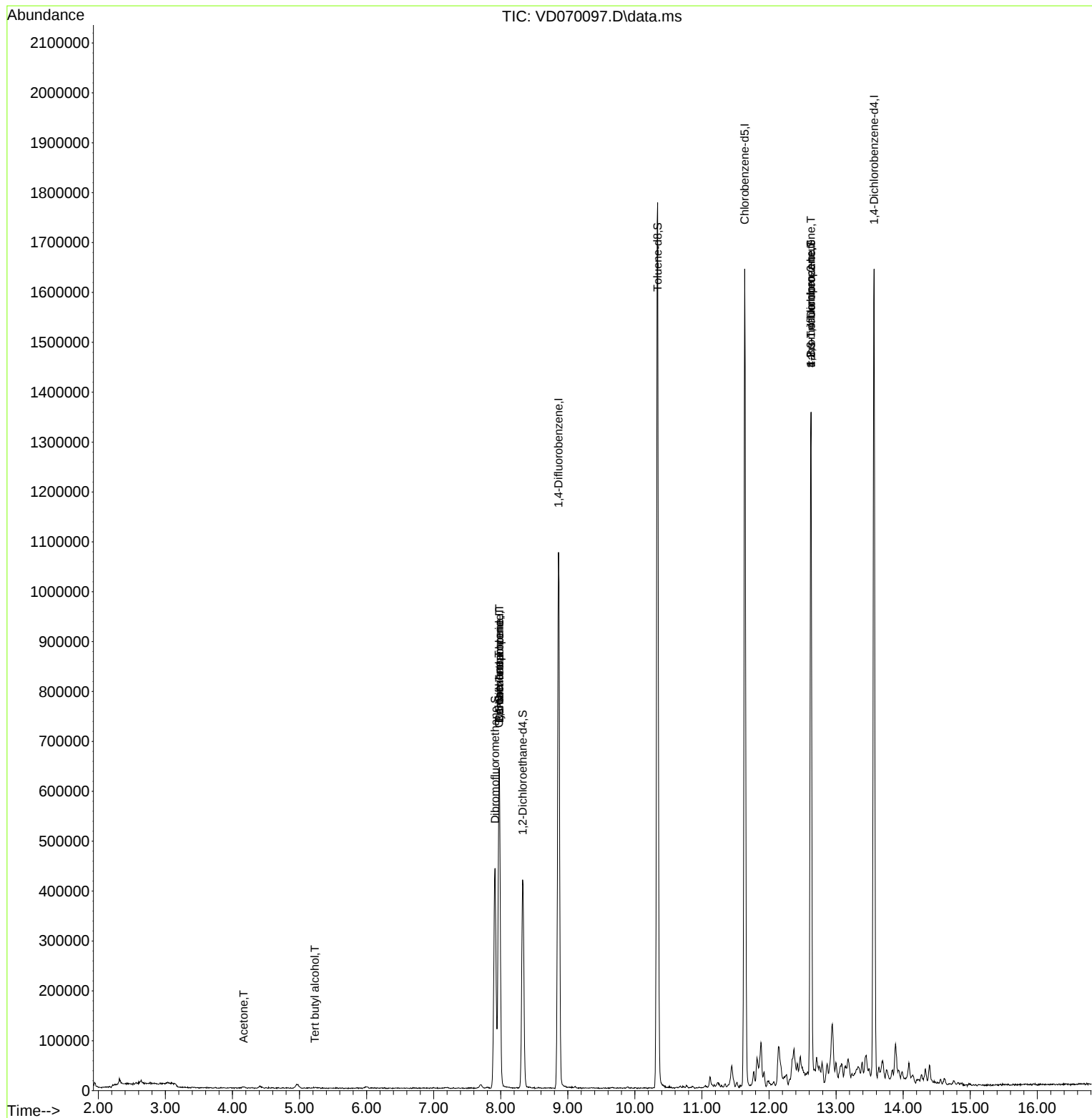
Internal Standards						
1) Pentafluorobenzene	7.979	168	461449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	936361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	954687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	430090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	332512	61.266	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.540%	
35) Dibromofluoromethane	7.914	113	323030	53.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.338	98	1227608	52.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.626	95	452964	58.448	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	197	Below Cal	#	42
3) Chloromethane	2.215	50	1087	Below Cal	#	79
5) Bromomethane	2.774	94	1977	Below Cal	#	78
11) Tert butyl alcohol	5.226	59	813	2.710	ug/l #	71
16) Acetone	4.168	43	4713	4.714	ug/l	94
20) Methylene Chloride	4.962	84	6202	Below Cal	#	84
31) Cyclohexane	7.973	56	11472	1.068	ug/l #	2
36) 1,1-Dichloropropene	7.979	75	41316	4.102	ug/l #	49
38) Carbon Tetrachloride	7.979	117	48881	5.345	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	221788	50.849	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	221788	131.985	ug/l #	18

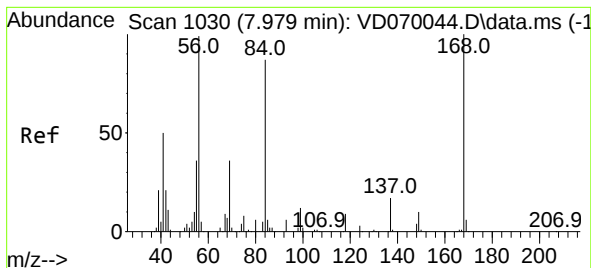
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD070097.D

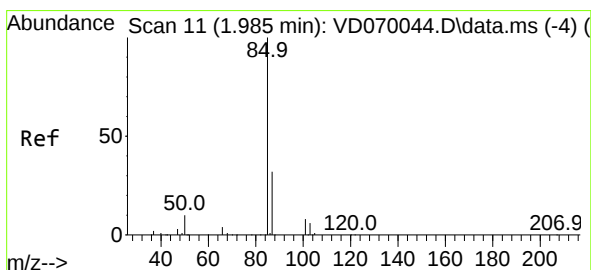
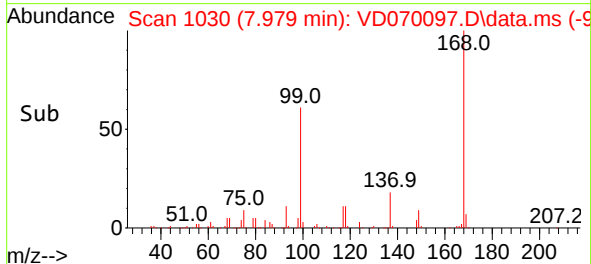
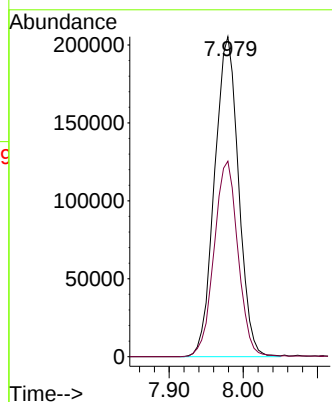
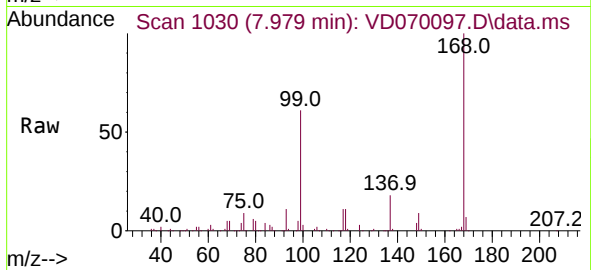
Acq: 17 Aug 2021 19:30

Tgt Ion:168 Resp: 461449

Ion Ratio Lower Upper

168 100

99 61.1 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD070097.D

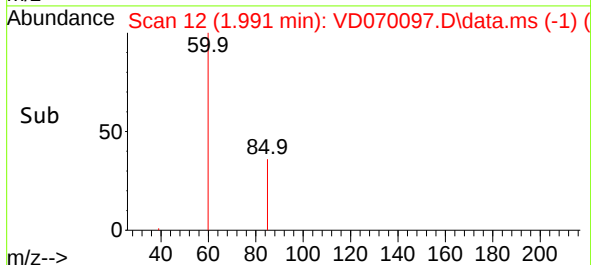
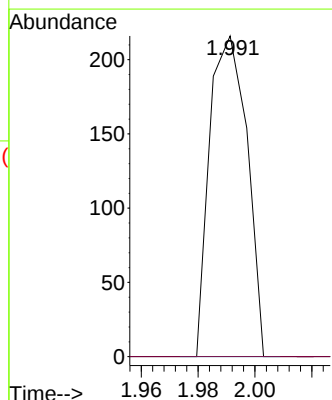
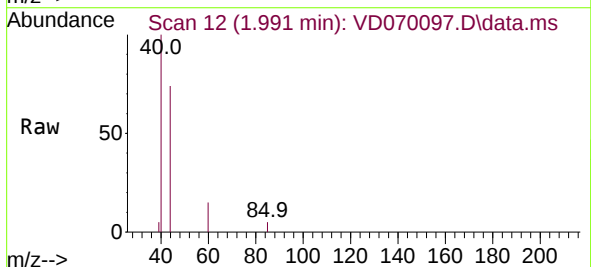
Acq: 17 Aug 2021 19:30

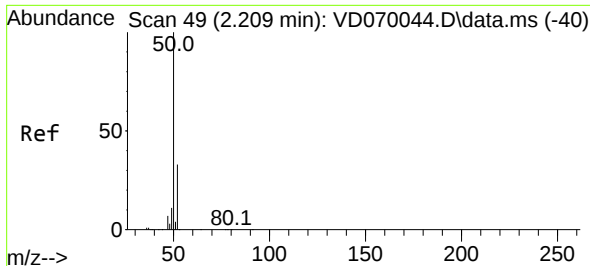
Tgt Ion: 85 Resp: 197

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#

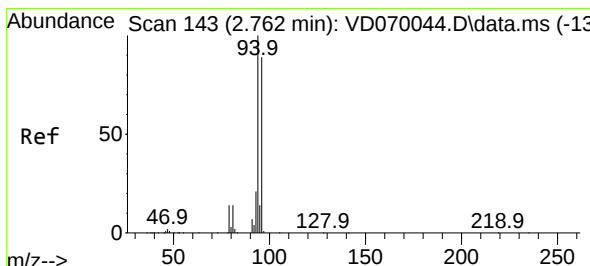
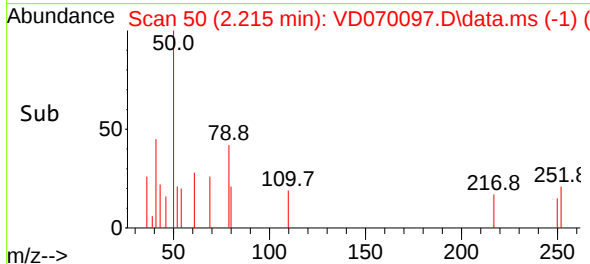
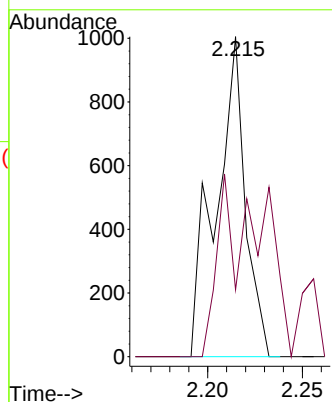
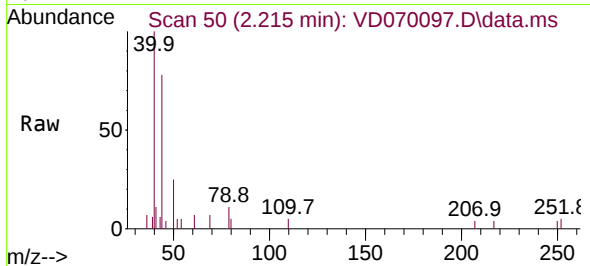




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

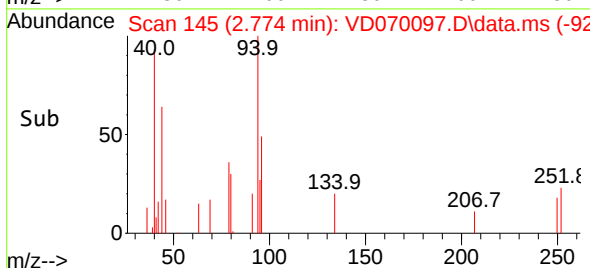
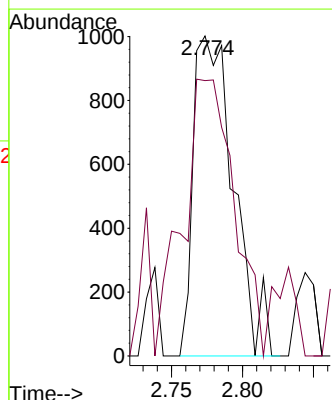
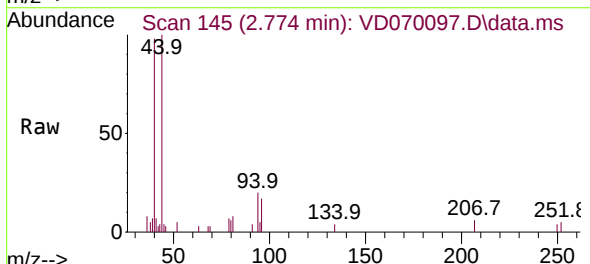
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2

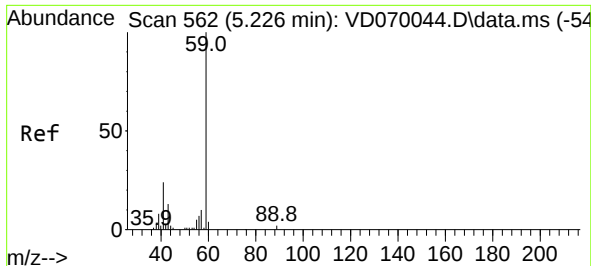
Tgt Ion: 50 Resp: 1087
Ion Ratio Lower Upper
50 100
52 20.9 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

Tgt Ion: 94 Resp: 1977
Ion Ratio Lower Upper
94 100
96 68.1 70.9 106.3#

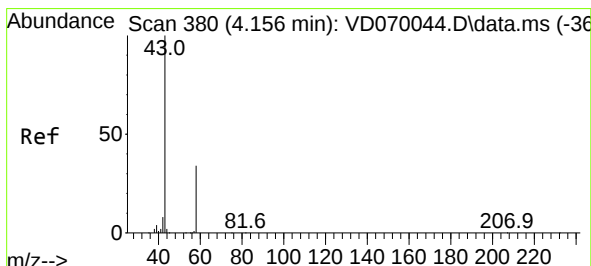
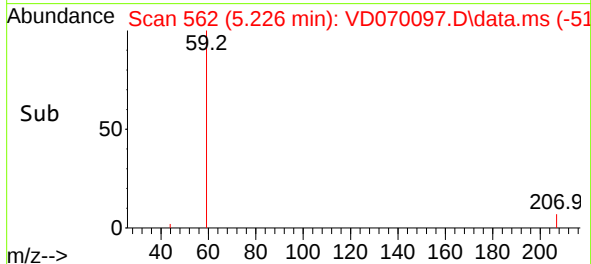
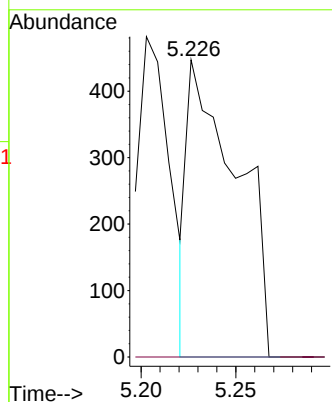
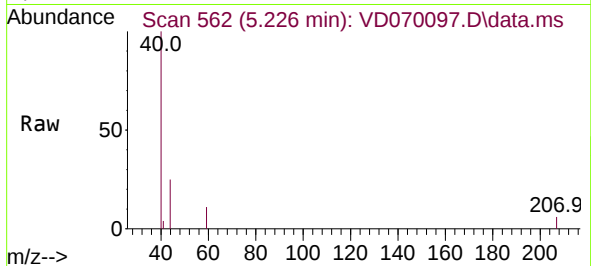




#11
Tert butyl alcohol
Concen: 2.710 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

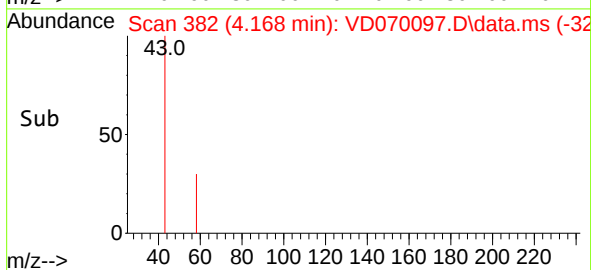
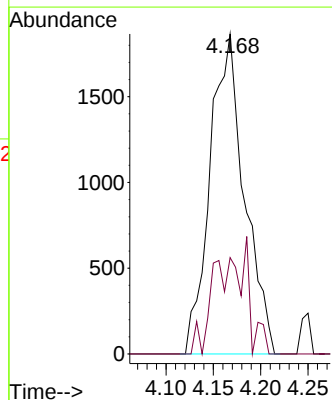
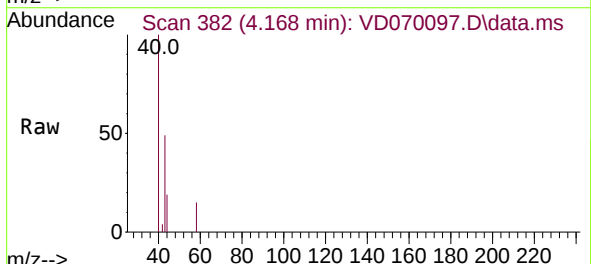
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2

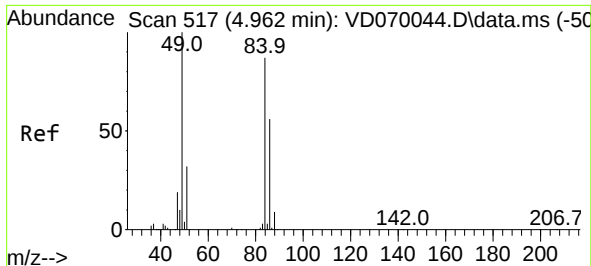
Tgt Ion: 59 Resp: 813
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 4.714 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

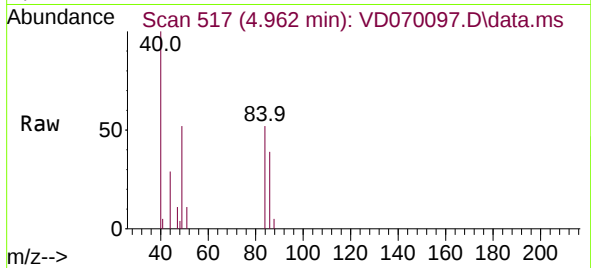
Tgt Ion: 43 Resp: 4713
Ion Ratio Lower Upper
43 100
58 30.1 26.8 40.2



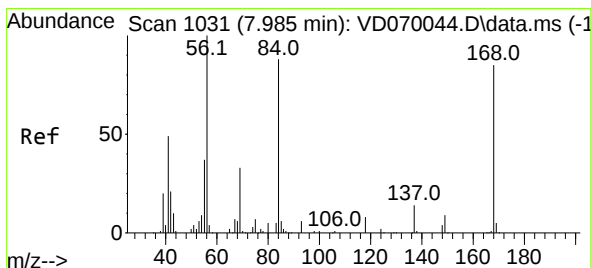
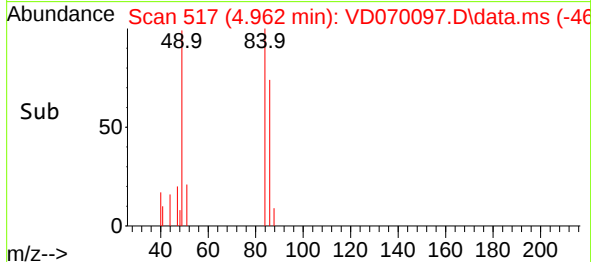
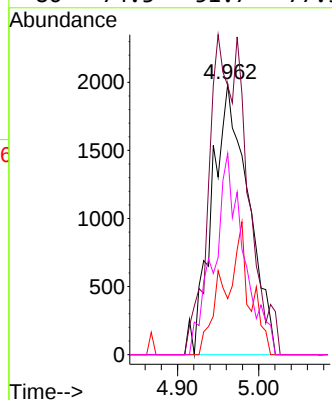


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2

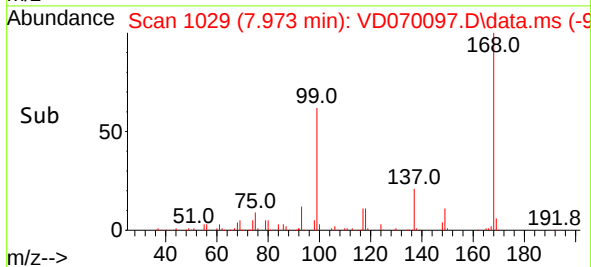
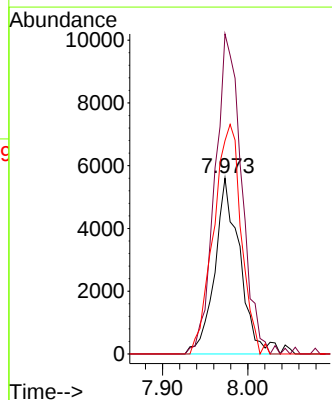
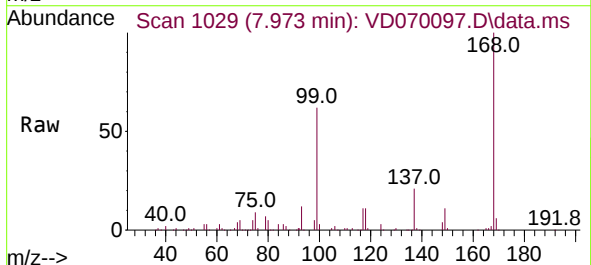


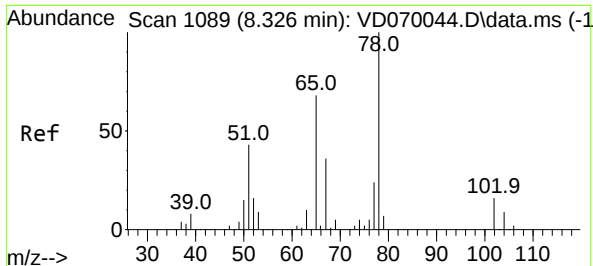
Tgt Ion:	84	Resp:	6202
Ion	Ratio	Lower	Upper
84	100		
49	99.4	92.5	138.7
51	20.7	29.7	44.5#
86	74.3	51.7	77.5



#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

Tgt Ion:	56	Resp:	11472
Ion	Ratio	Lower	Upper
56	100		
69	182.0	26.7	40.1#
84	121.3	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 61.266 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070097.D

Acq: 17 Aug 2021 19:30

Tgt Ion: 65 Resp: 332512

Ion Ratio Lower Upper

65 100

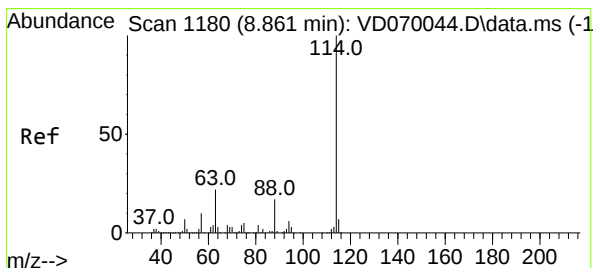
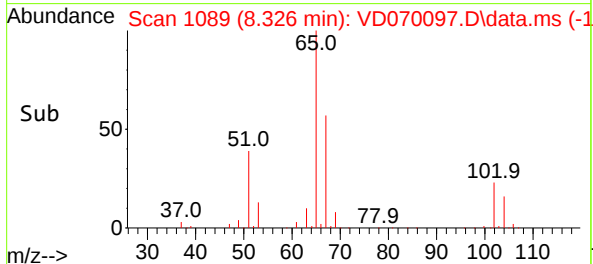
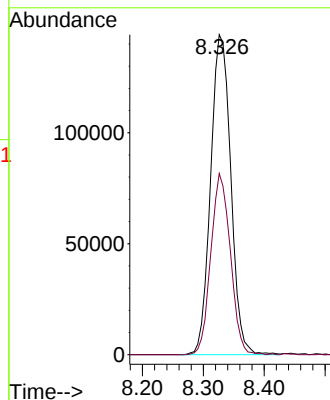
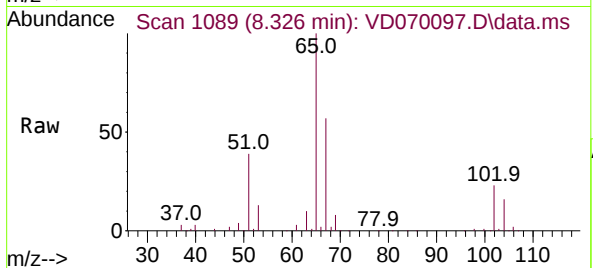
67 54.7 0.0 107.8

Instrument :

MSVOA_D

ClientSampleId :

TT-087-RW7-IDWSO-20210816-2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070097.D

Acq: 17 Aug 2021 19:30

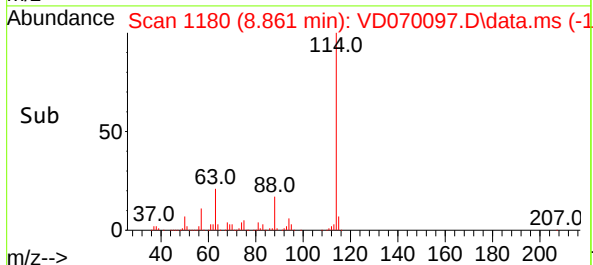
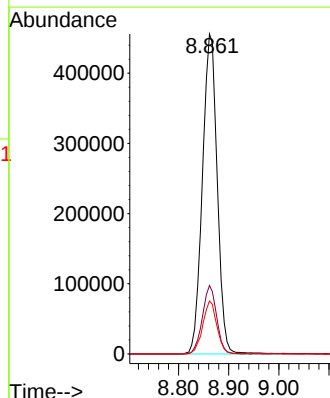
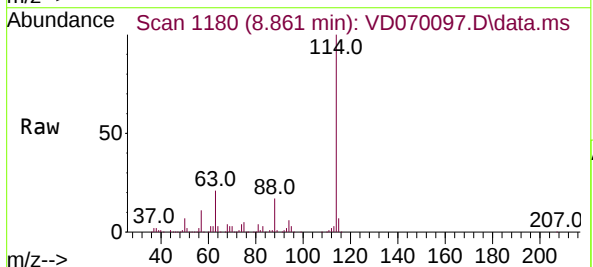
Tgt Ion:114 Resp: 936361

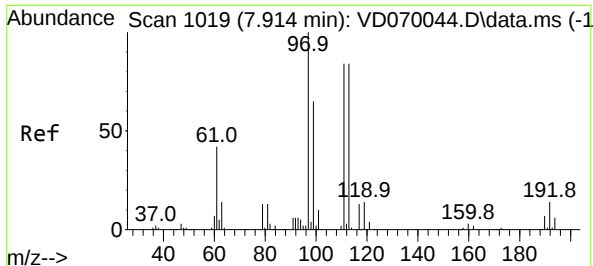
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.6

88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.398 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070097.D

Acq: 17 Aug 2021 19:30

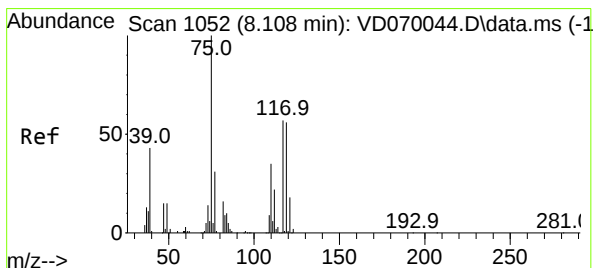
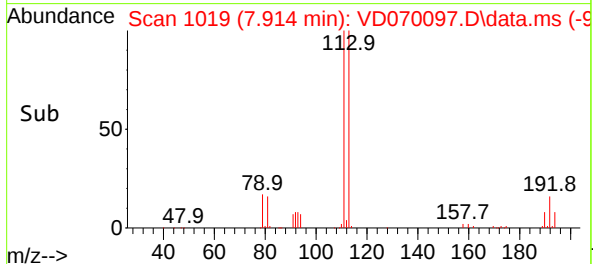
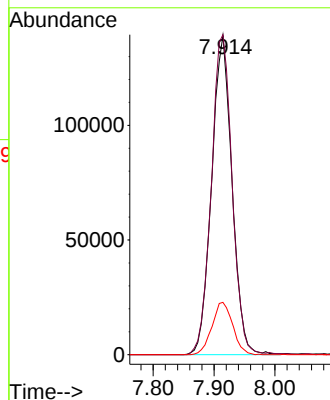
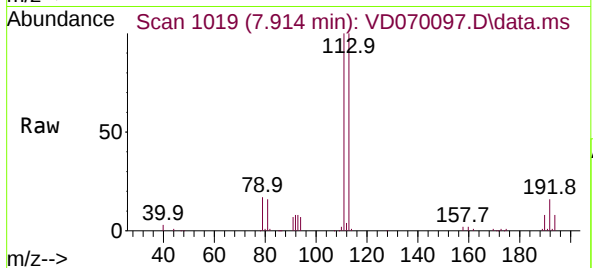
Tgt Ion:113 Resp: 323030

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 16.7 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.102 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070097.D

Acq: 17 Aug 2021 19:30

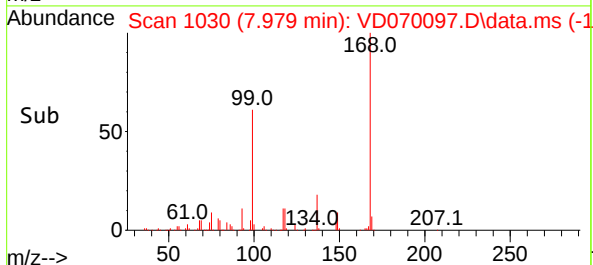
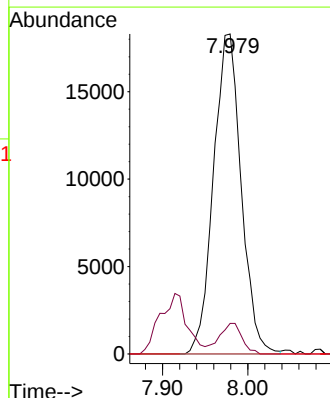
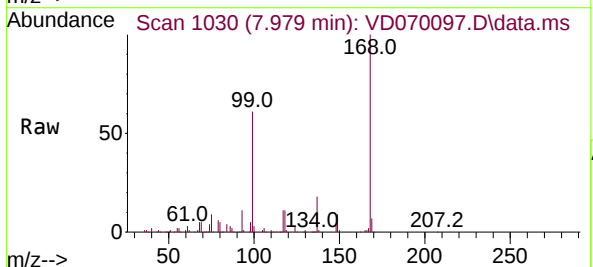
Tgt Ion: 75 Resp: 41316

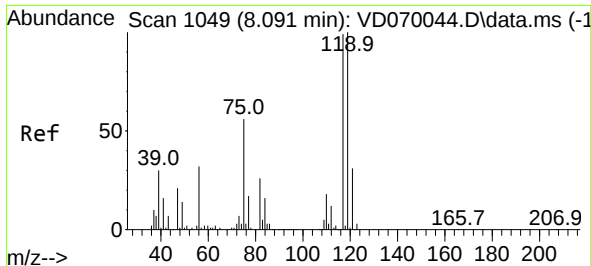
Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.7#

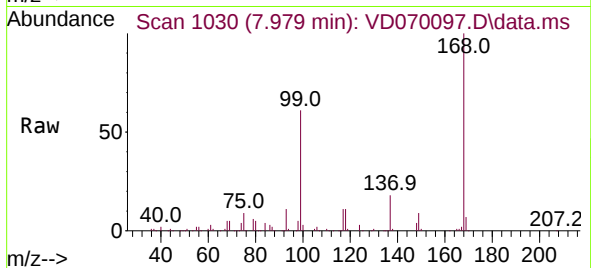
77 0.0 25.2 37.8#



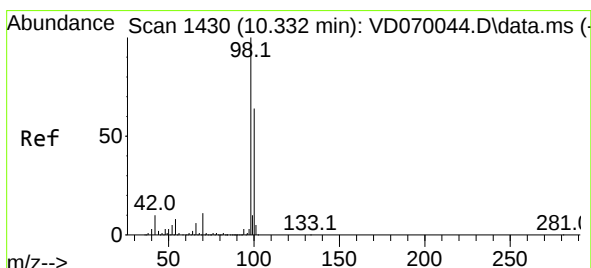
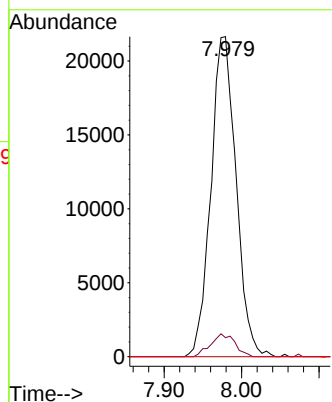
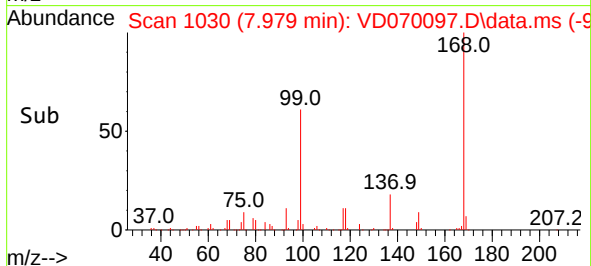


#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

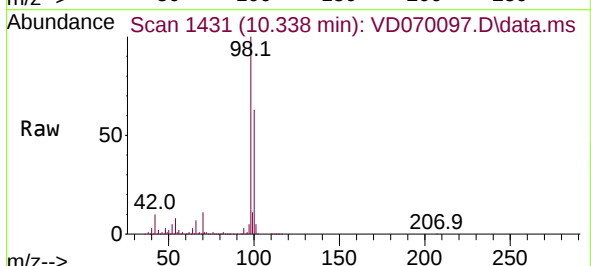
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2



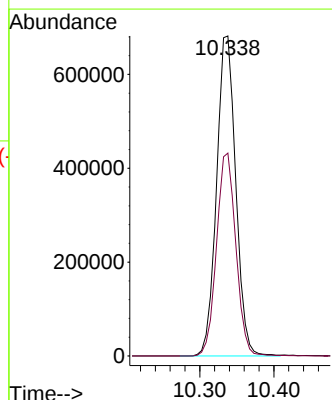
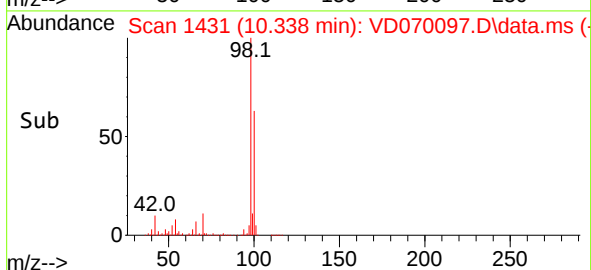
Tgt Ion:117 Resp: 48881
Ion Ratio Lower Upper
117 100
119 6.0 81.0 121.6#
121 0.0 25.0 37.6#

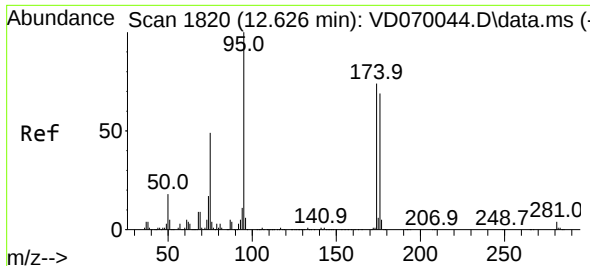


#50
Toluene-d8
Concen: 52.174 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30



Tgt Ion: 98 Resp: 1227608
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

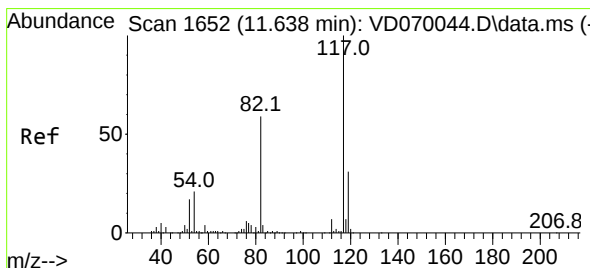
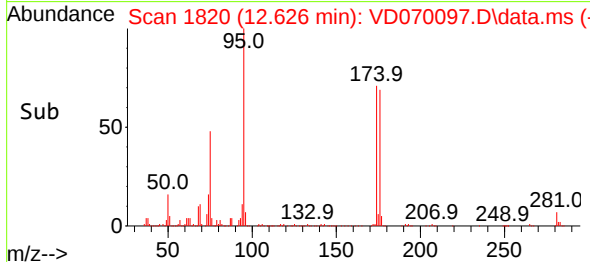
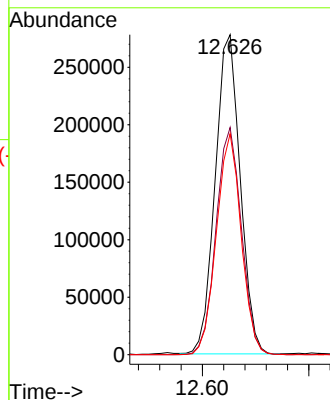
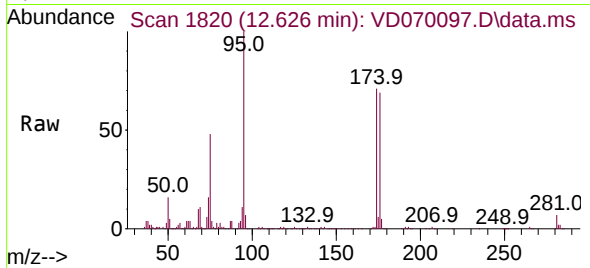




#62
4-Bromofluorobenzene
Concen: 58.448 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

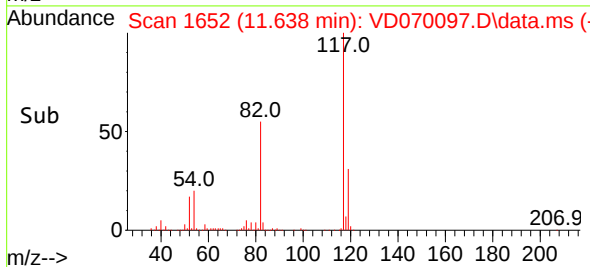
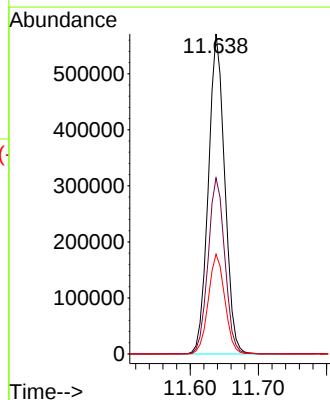
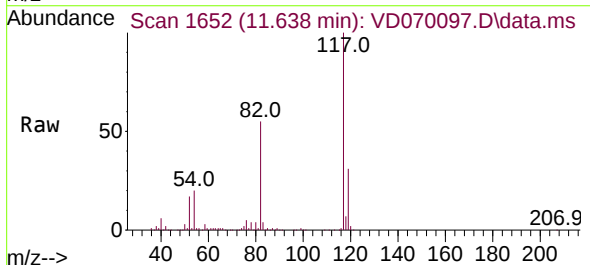
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-2

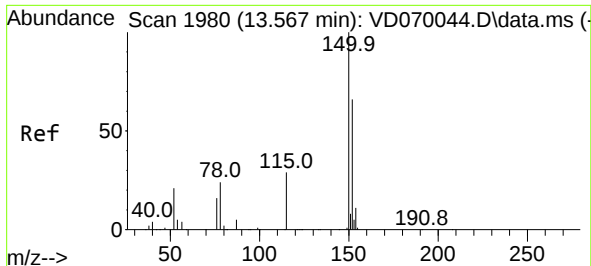
Tgt Ion: 95 Resp: 452964
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 68.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070097.D
Acq: 17 Aug 2021 19:30

Tgt Ion: 117 Resp: 954687
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 31.2 25.1 37.7

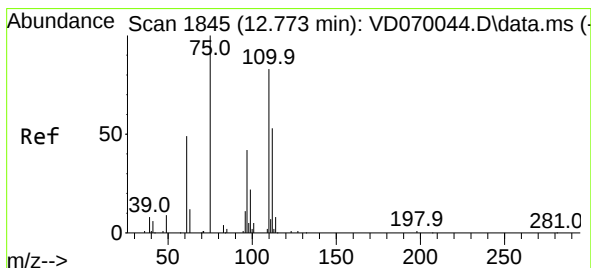
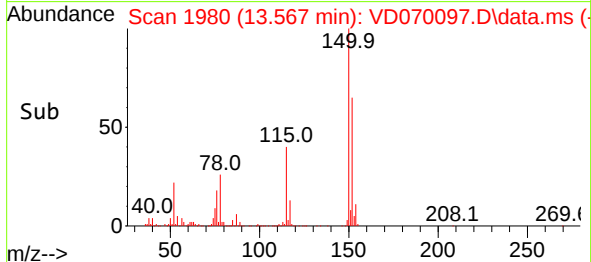
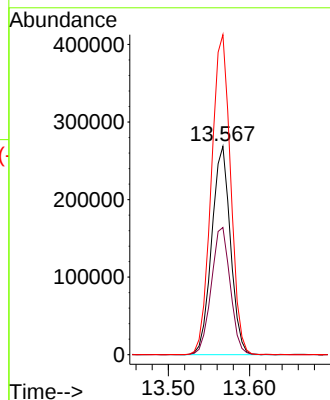
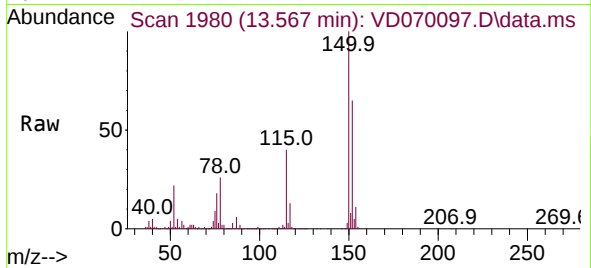




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070097.D
 Acq: 17 Aug 2021 19:30

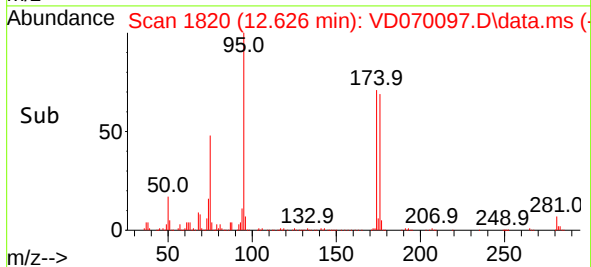
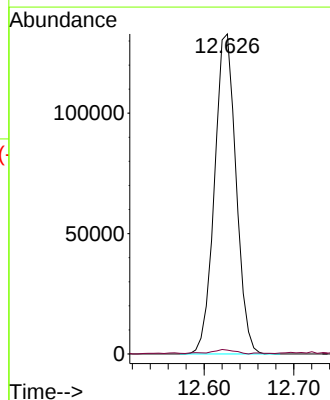
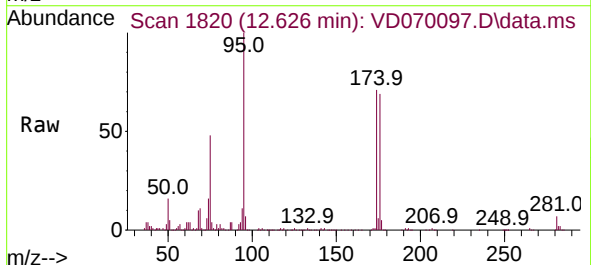
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-2

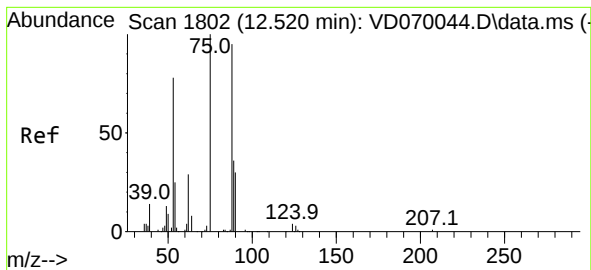
Tgt Ion:152 Resp: 430090
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.2 93.6
 150 158.0 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 50.849 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070097.D
 Acq: 17 Aug 2021 19:30

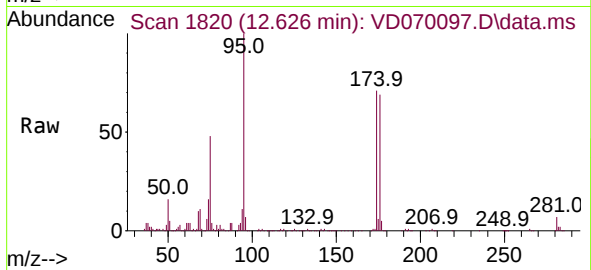
Tgt Ion: 75 Resp: 221788
 Ion Ratio Lower Upper
 75 100
 77 1.6 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.985 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070097.D
 Acq: 17 Aug 2021 19:30

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-2



Tgt Ion: 75 Resp: 221788
 Ion Ratio Lower Upper
 75 100
 53 0.6 64.5 96.7#
 89 0.0 33.7 50.5#

