

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070090.D
 Acq On : 17 Aug 2021 16:09
 Operator : VA/SY
 Sample : M3445-04
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-3

Quant Time: Aug 18 03:07:15 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)

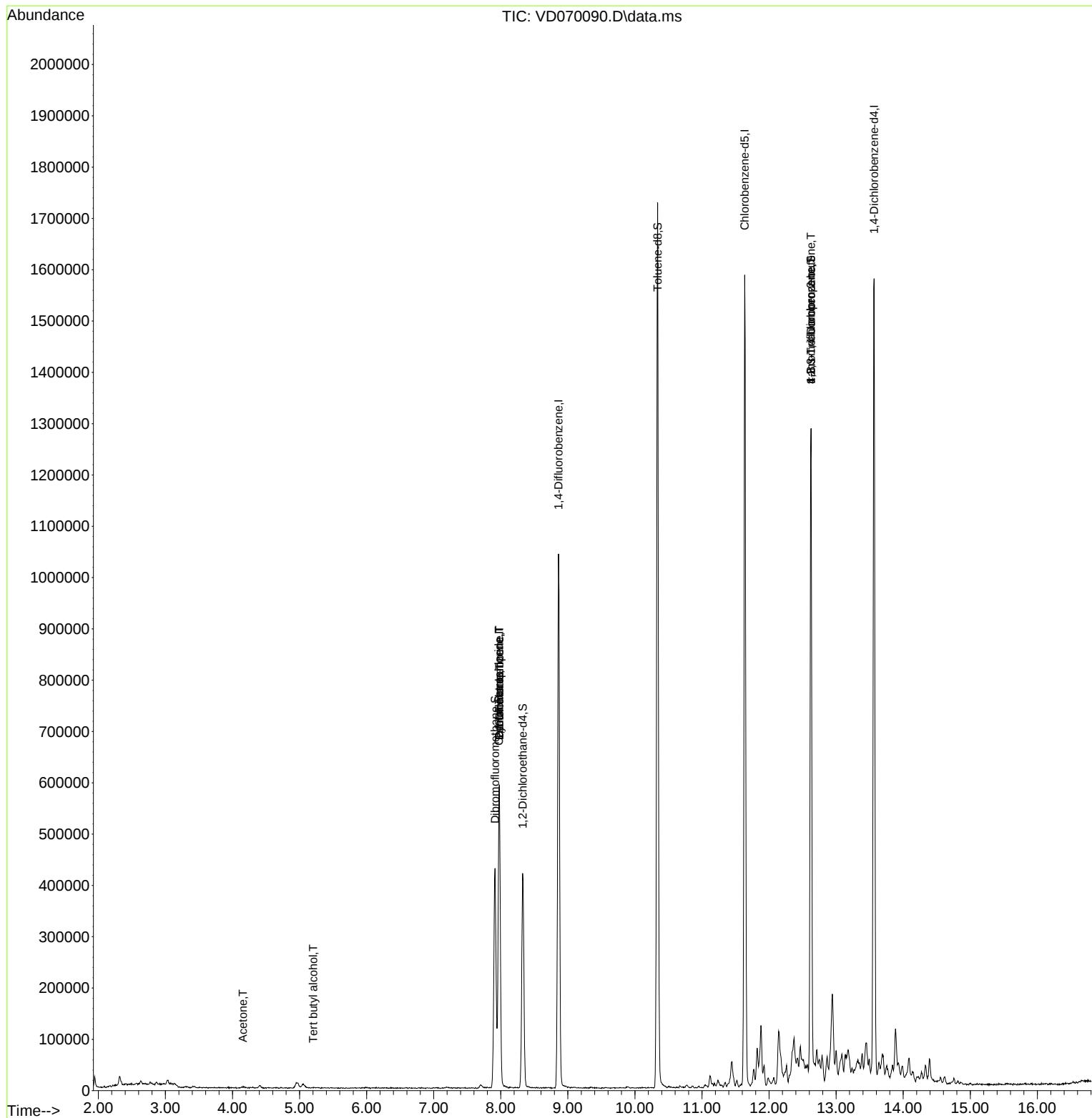
Internal Standards						
1) Pentafluorobenzene	7.979	168	420581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	875748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	918084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	427485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	324713	65.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.280%	
35) Dibromofluoromethane	7.914	113	311075	54.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.960%	
50) Toluene-d8	10.338	98	1160995	52.758	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.626	95	438318	60.472	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	280	Below Cal	#	42
3) Chloromethane	2.209	50	1213	Below Cal		89
5) Bromomethane	2.779	94	1948	Below Cal	#	76
11) Tert butyl alcohol	5.203	59	365	1.335	ug/l #	71
16) Acetone	4.156	43	4336	4.758	ug/l	93
20) Methylene Chloride	4.956	84	9199	Below Cal	#	81
31) Cyclohexane	7.979	56	10280	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	37585	3.989	ug/l #	42
38) Carbon Tetrachloride	7.973	117	45723	5.346	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	214412	49.457	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	214412	128.373	ug/l #	18

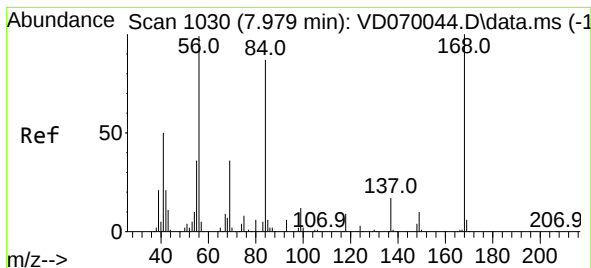
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD070090.D

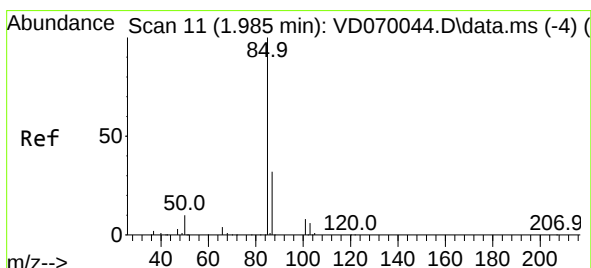
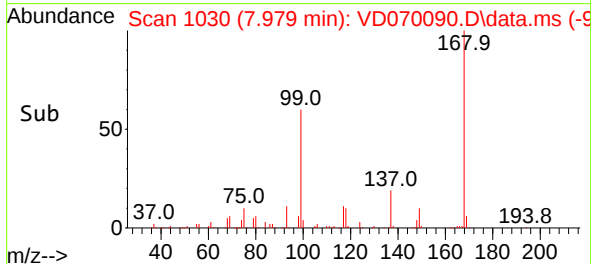
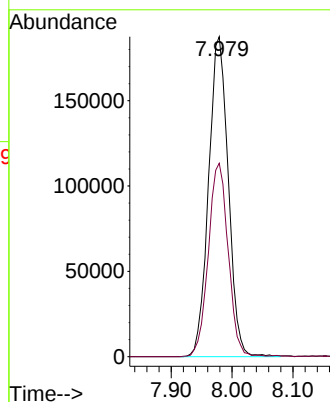
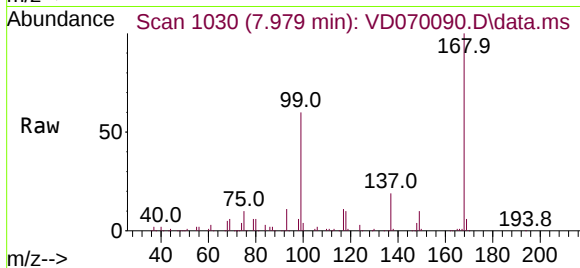
Acq: 17 Aug 2021 16:09

Tgt Ion:168 Resp: 420581

Ion Ratio Lower Upper

168 100

99 60.4 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD070090.D

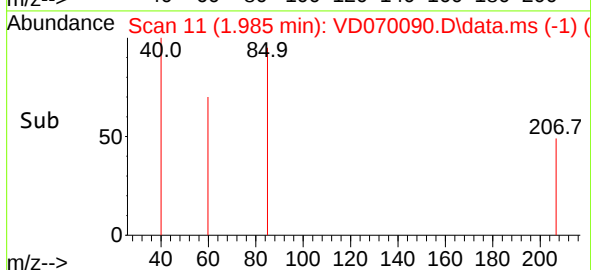
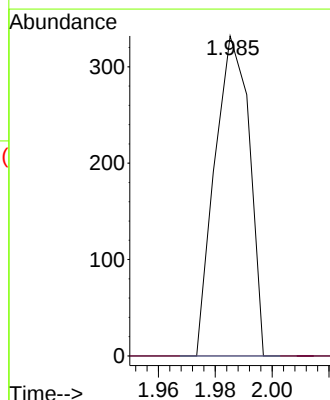
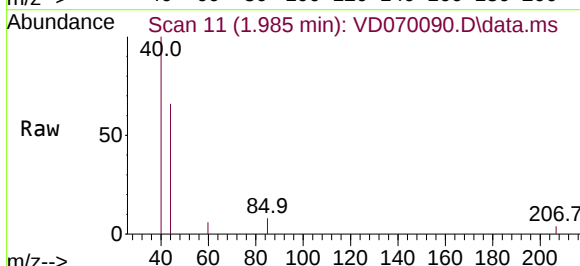
Acq: 17 Aug 2021 16:09

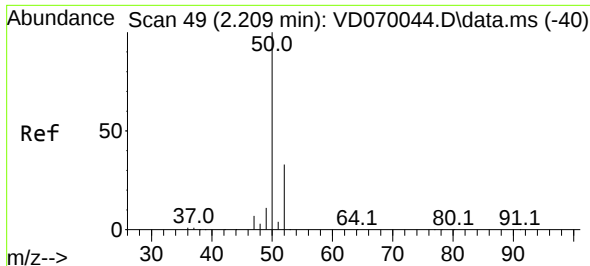
Tgt Ion: 85 Resp: 280

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#

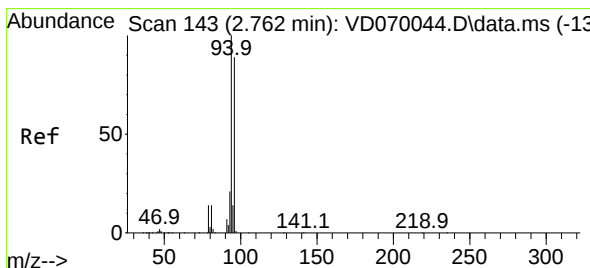
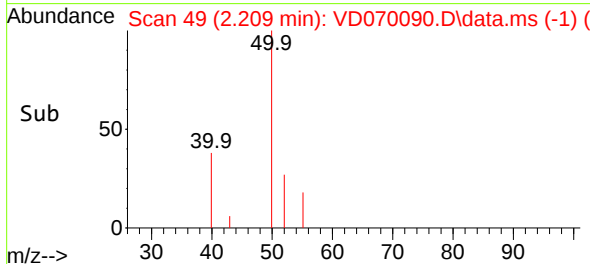
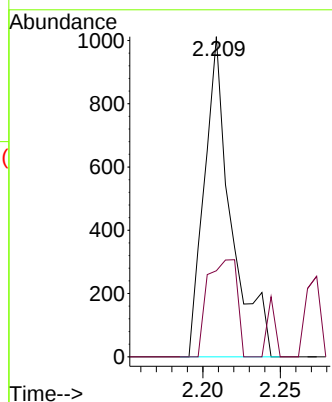
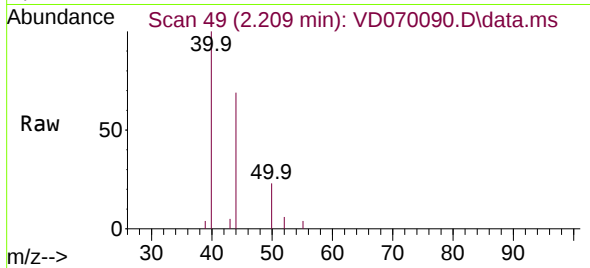




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

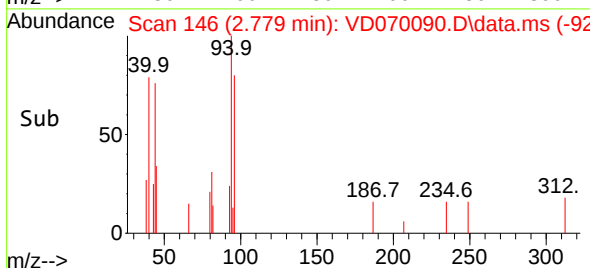
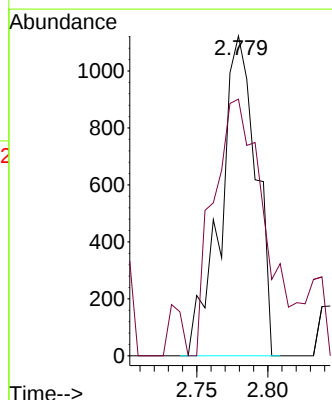
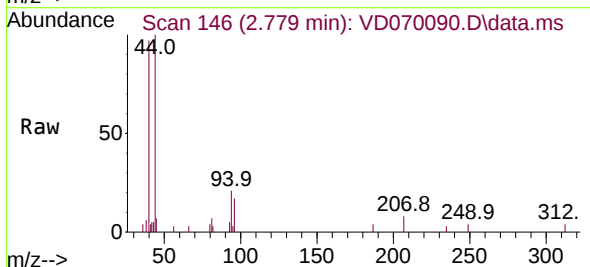
Instrument :
MSVOA_D
ClientSampleId :
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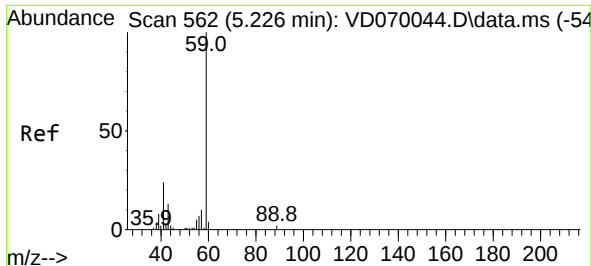
Tgt Ion: 50 Resp: 1213
Ion Ratio Lower Upper
50 100
52 26.9 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Tgt Ion: 94 Resp: 1948
Ion Ratio Lower Upper
94 100
96 66.4 70.9 106.3#

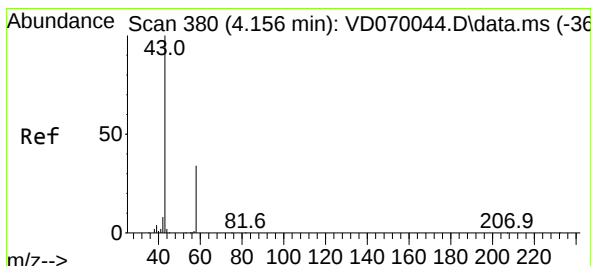
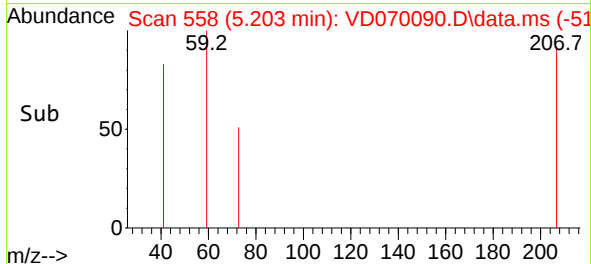
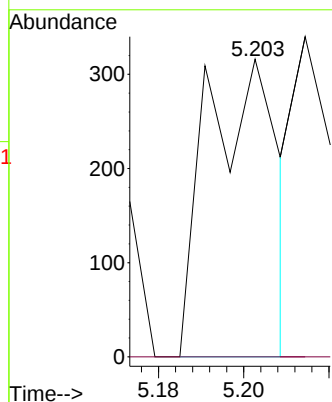
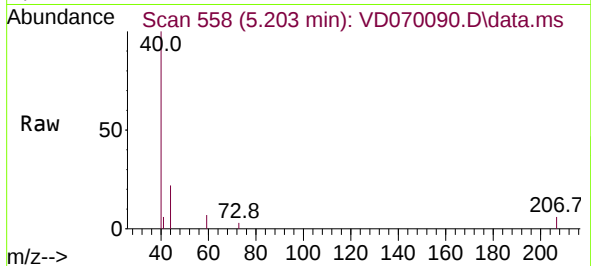




#11
Tert butyl alcohol
Concen: 1.335 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.024 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

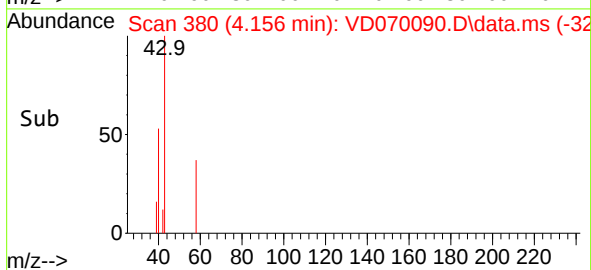
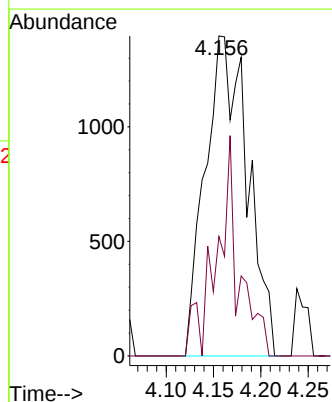
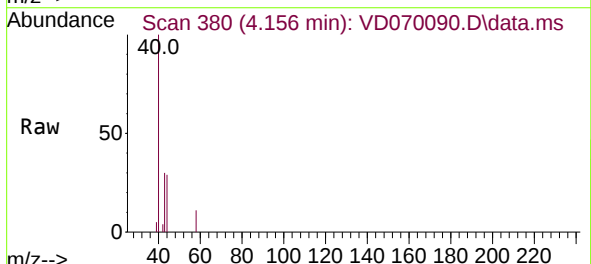
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-3

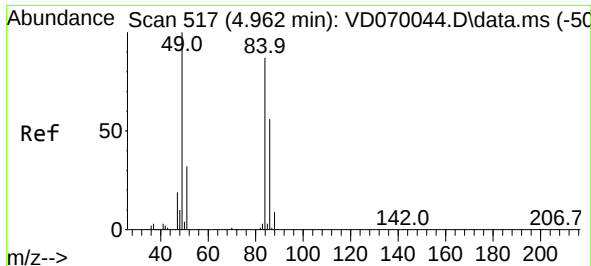
Tgt Ion: 59 Resp: 365
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 4.758 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

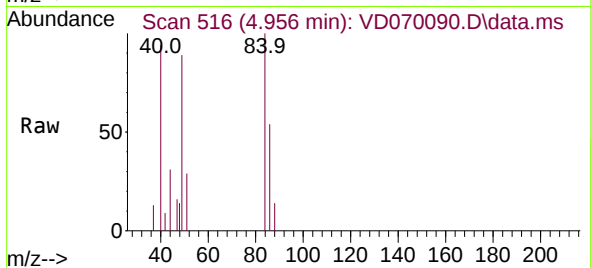
Tgt Ion: 43 Resp: 4336
Ion Ratio Lower Upper
43 100
58 37.3 26.8 40.2



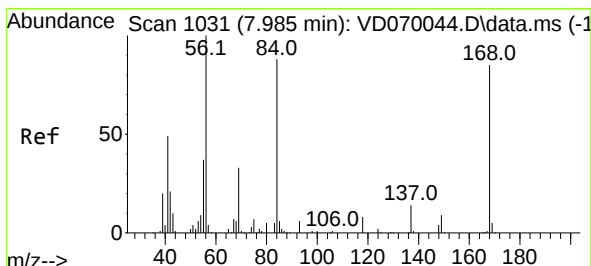
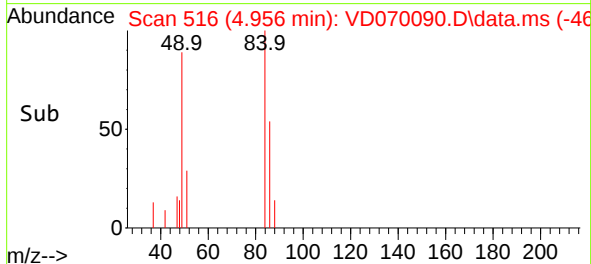
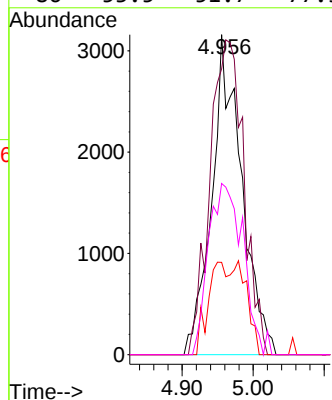


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-3

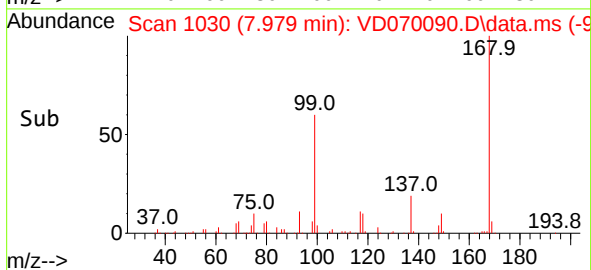
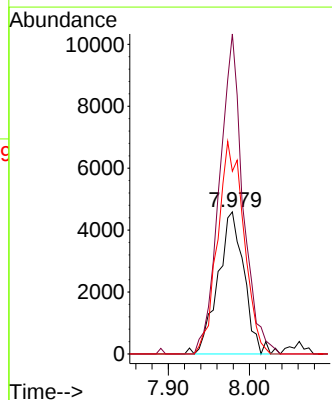
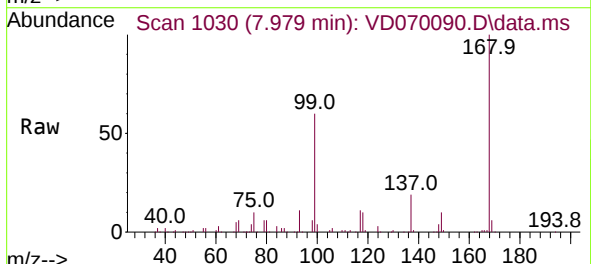


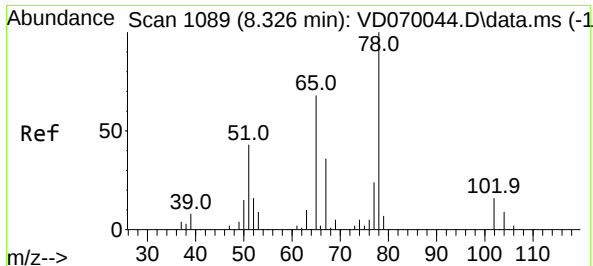
Tgt Ion:	84	Resp:	9199
Ion	Ratio	Lower	Upper
84	100		
49	89.3	92.5	138.7#
51	28.9	29.7	44.5#
86	53.5	51.7	77.5



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Tgt Ion:	56	Resp:	10280
Ion	Ratio	Lower	Upper
56	100		
69	225.2	26.7	40.1#
84	128.5	70.4	105.6#

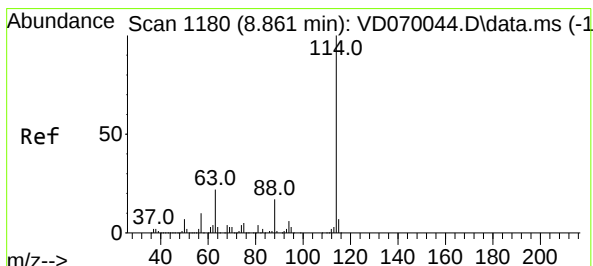
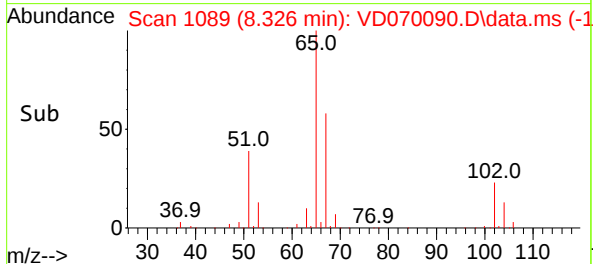
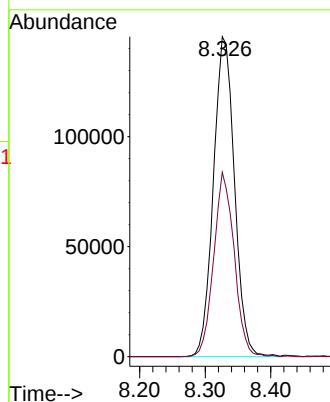
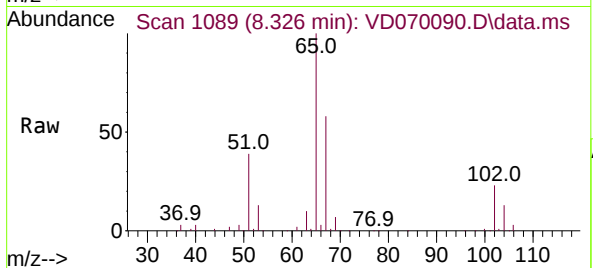




#33
1,2-Dichloroethane-d4
Concen: 65.642 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

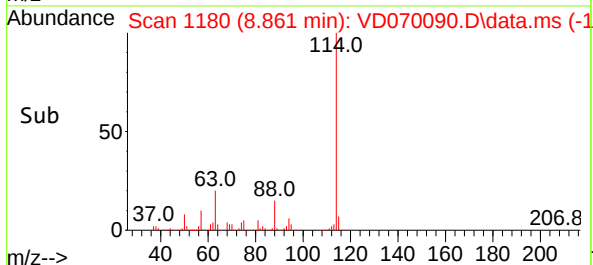
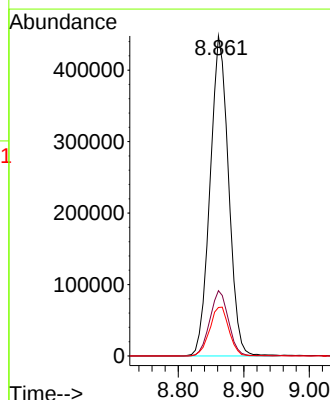
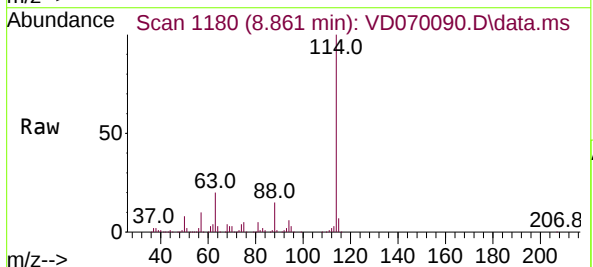
Instrument :
MSVOA_D
ClientSampleId :
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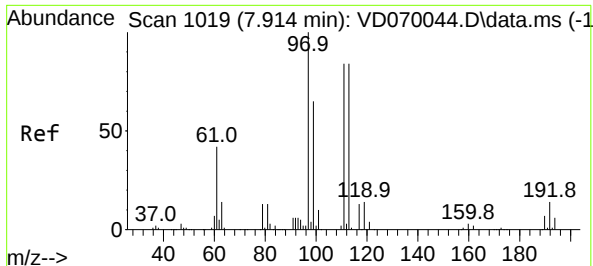
Tgt Ion: 65 Resp: 324713
Ion Ratio Lower Upper
65 100
67 56.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Tgt Ion: 114 Resp: 875748
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.6
88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.981 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070090.D

Acq: 17 Aug 2021 16:09

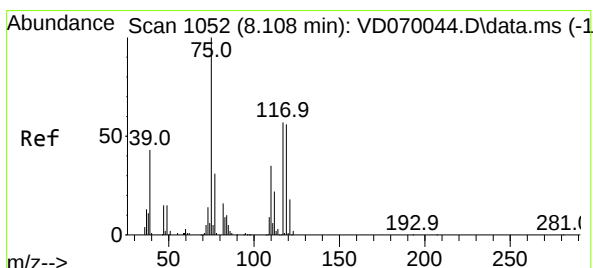
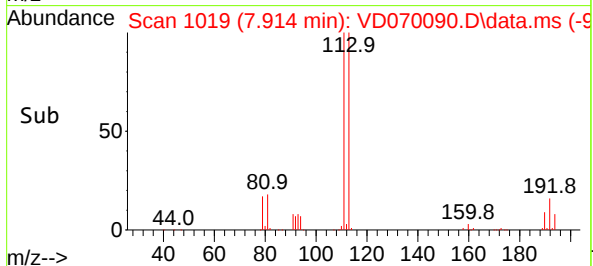
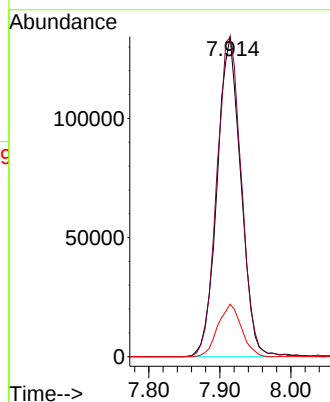
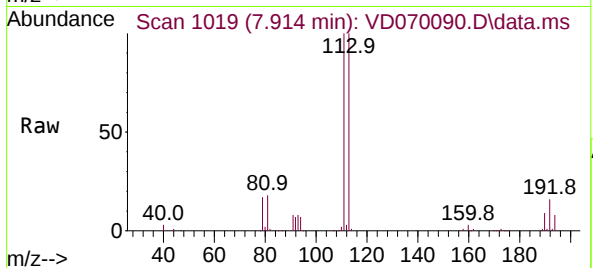
Tgt Ion:113 Resp: 311075

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

192 16.3 13.2 19.8



#36

1,1-Dichloropropene

Concen: 3.989 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070090.D

Acq: 17 Aug 2021 16:09

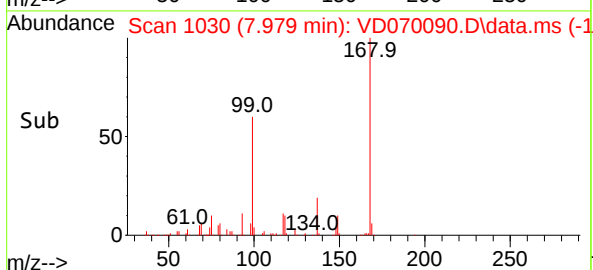
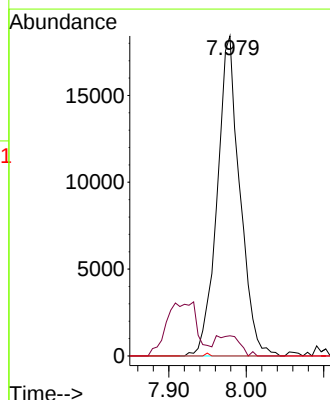
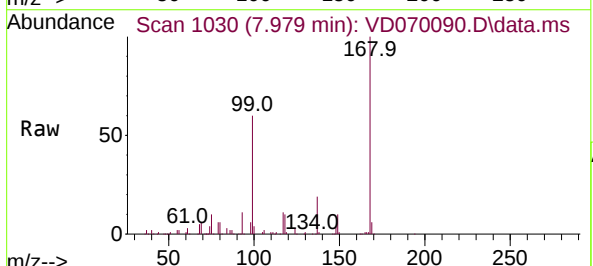
Tgt Ion: 75 Resp: 37585

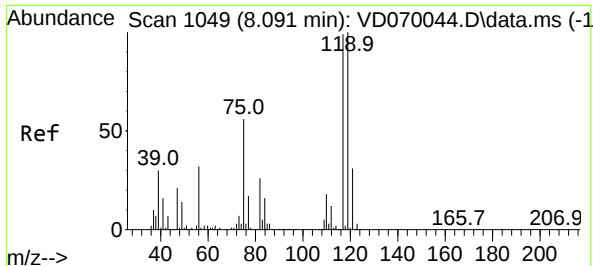
Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

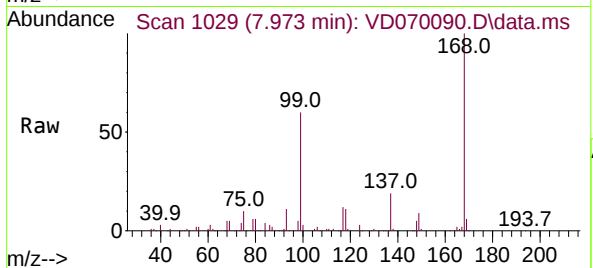
77 0.0 25.2 37.8#



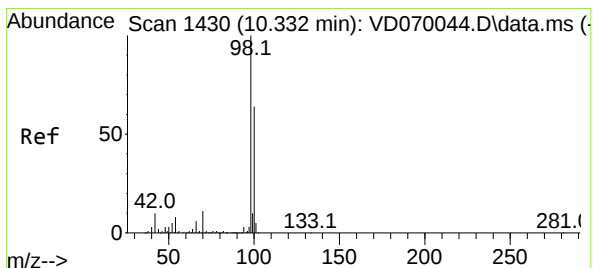
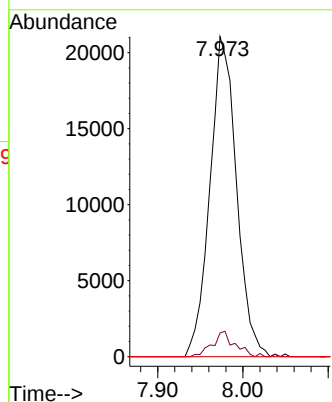
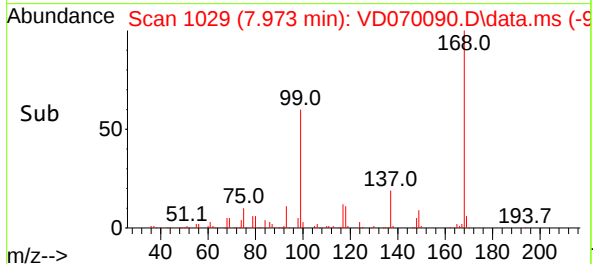


#38
Carbon Tetrachloride
Concen: 5.346 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

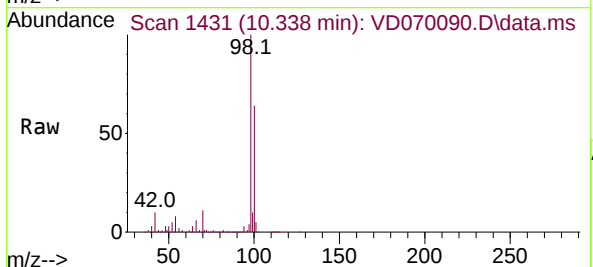
Instrument :
MSVOA_D
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TT-087-RW7-IDWSO-20210816-3



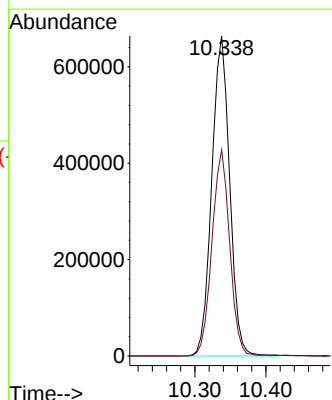
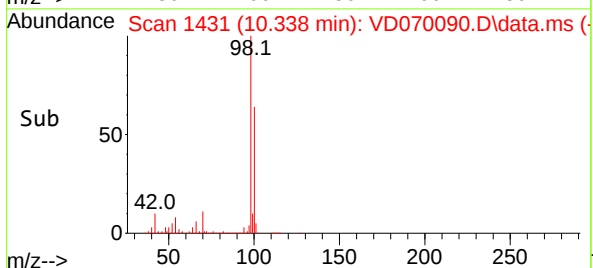
Tgt Ion:117 Resp: 45723
Ion Ratio Lower Upper
117 100
119 7.4 81.0 121.6#
121 0.0 25.0 37.6#

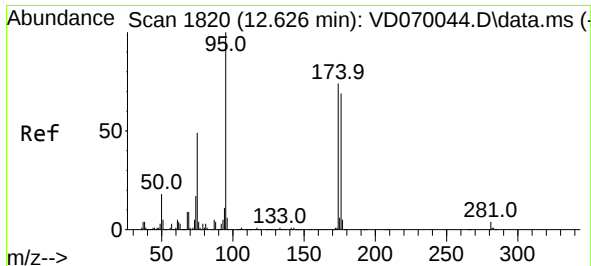


#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09



Tgt Ion: 98 Resp: 1160995
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

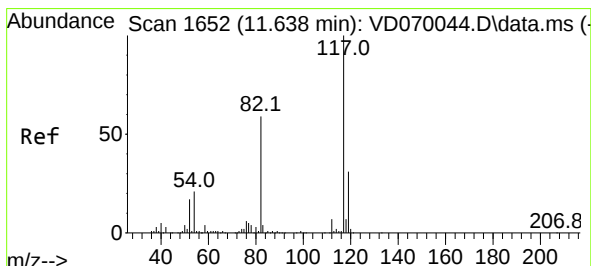
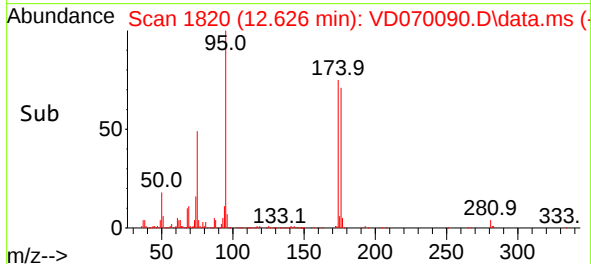
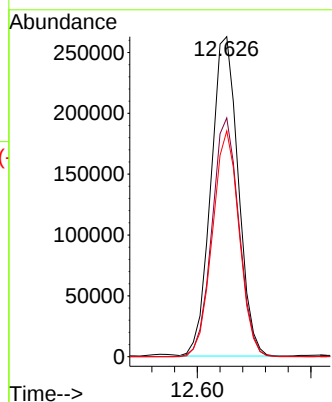
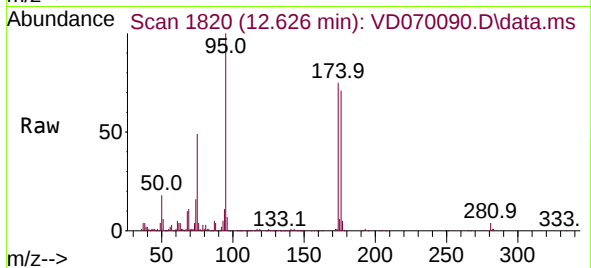




#62
4-Bromofluorobenzene
Concen: 60.472 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

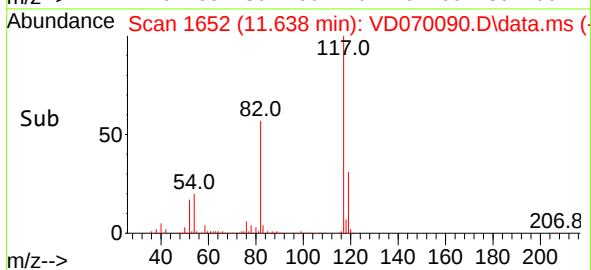
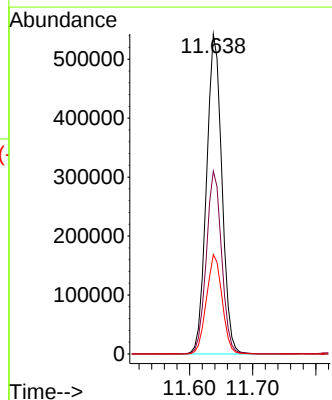
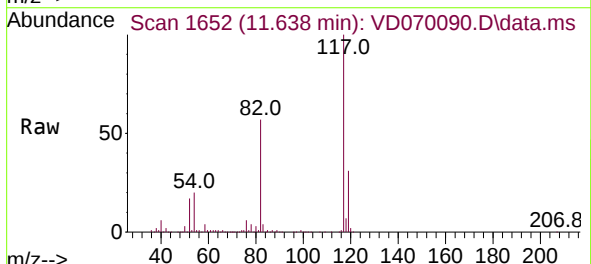
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-3

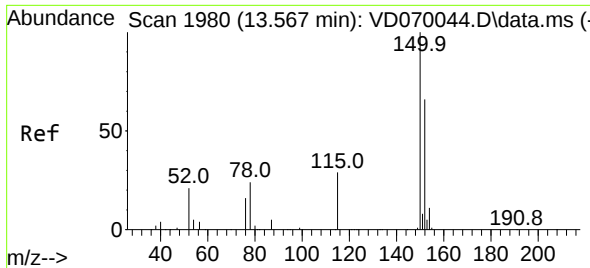
Tgt Ion: 95 Resp: 438318
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 69.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070090.D
Acq: 17 Aug 2021 16:09

Tgt Ion: 117 Resp: 918084
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 31.1 25.1 37.7

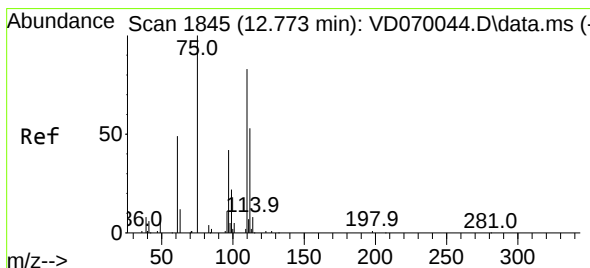
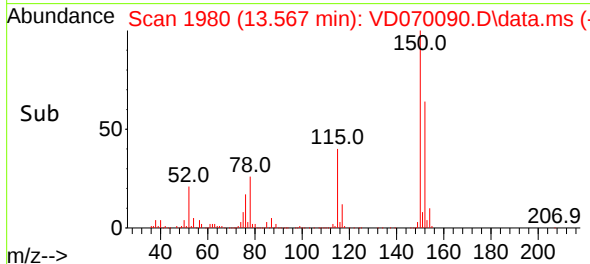
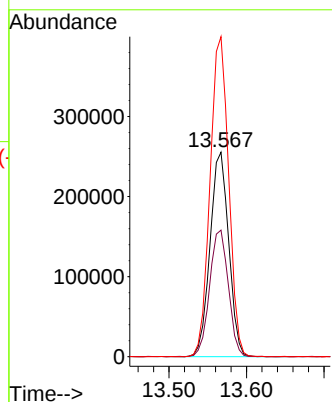
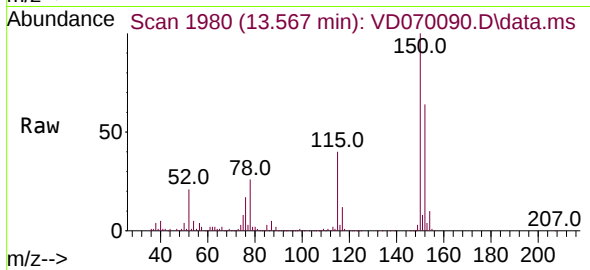




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070090.D
 Acq: 17 Aug 2021 16:09

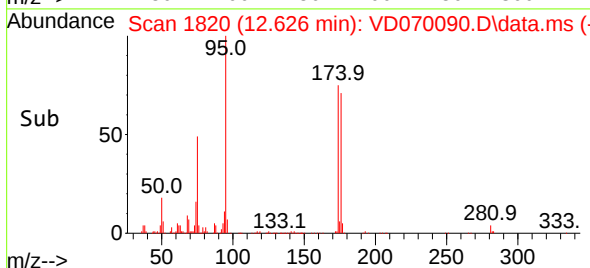
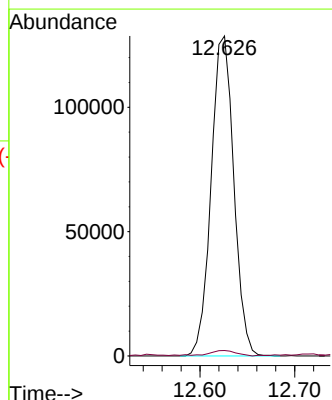
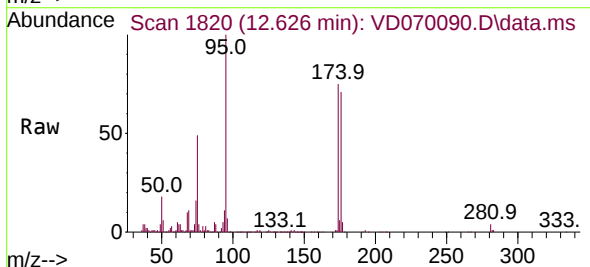
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-3

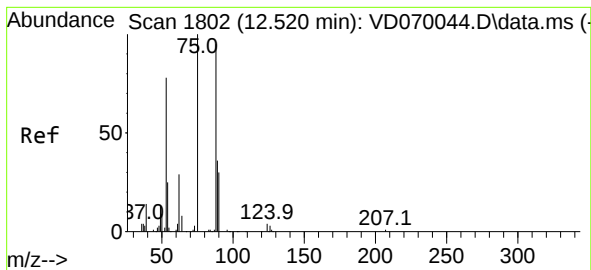
Tgt Ion:152 Resp: 427485
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.2 93.6
 150 155.4 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 49.457 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070090.D
 Acq: 17 Aug 2021 16:09

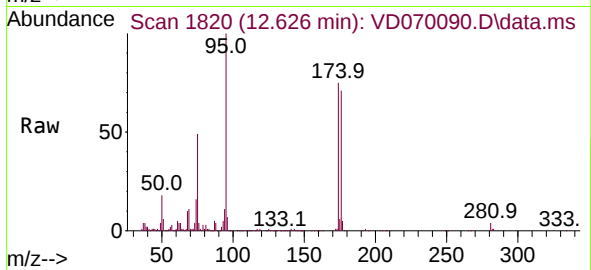
Tgt Ion: 75 Resp: 214412
 Ion Ratio Lower Upper
 75 100
 77 2.0 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.373 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070090.D
 Acq: 17 Aug 2021 16:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-3



Tgt Ion: 75 Resp: 214412
 Ion Ratio Lower Upper
 75 100
 53 0.6 64.5 96.7#
 89 0.0 33.7 50.5#

