

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070107.D
 Acq On : 18 Aug 2021 02:09
 Operator : VA/SY
 Sample : M3390-13
 Misc : 4.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-0510

Quant Time: Aug 18 04:33:51 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)

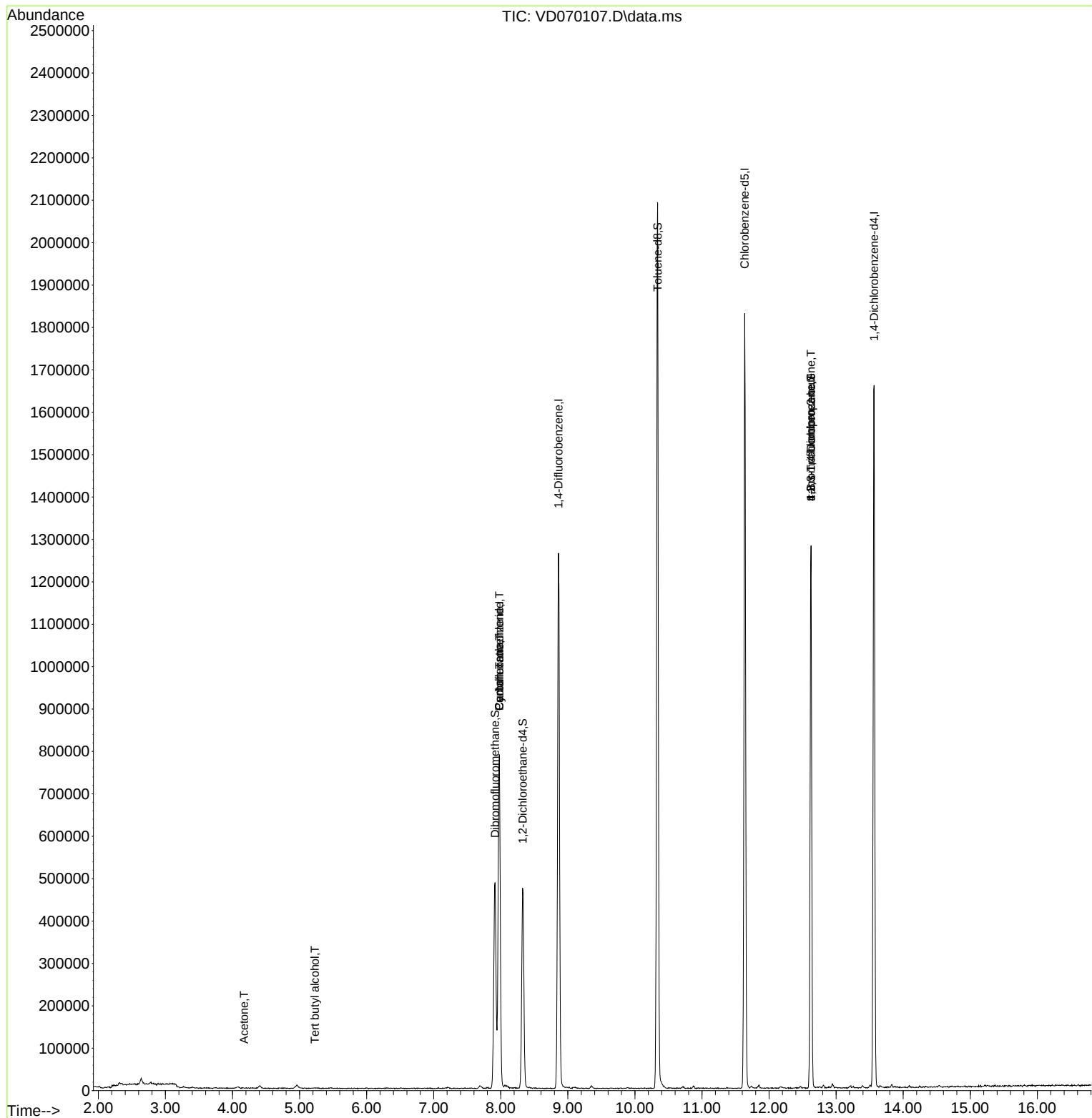
Internal Standards						
1) Pentafluorobenzene	7.979	168	556957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1087986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1058371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	443495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	361986	55.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.520%
35) Dibromofluoromethane	7.914	113	362732	51.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.338	98	1416983	51.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.626	95	444680	49.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	1283	Below Cal		72
3) Chloromethane	2.209	50	2386	Below Cal	#	62
5) Bromomethane	2.779	94	3682	Below Cal	#	57
11) Tert butyl alcohol	5.226	59	628	1.734	ug/l #	71
16) Acetone	4.173	43	1617	1.340	ug/l #	77
20) Methylene Chloride	4.962	84	5933	Below Cal	#	80
31) Cyclohexane	7.979	56	14739	1.137	ug/l #	29
38) Carbon Tetrachloride	7.979	117	58750	5.529	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	214622	47.719	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	214622	123.860	ug/l #	18

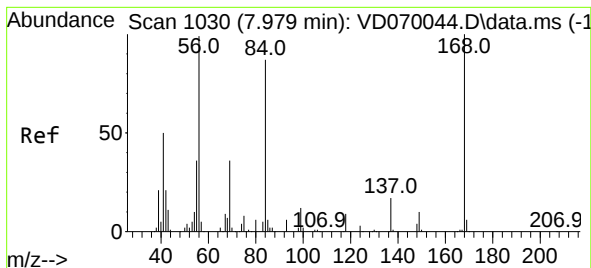
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD070107.D

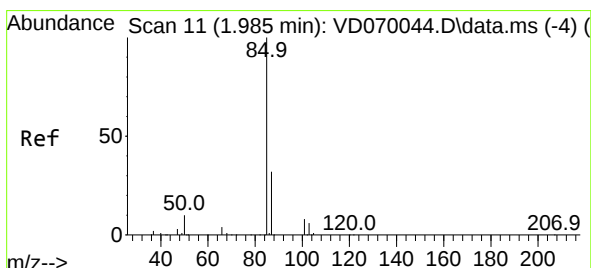
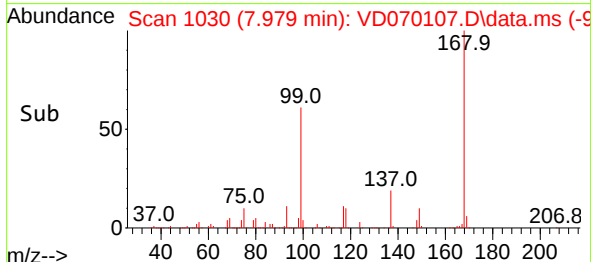
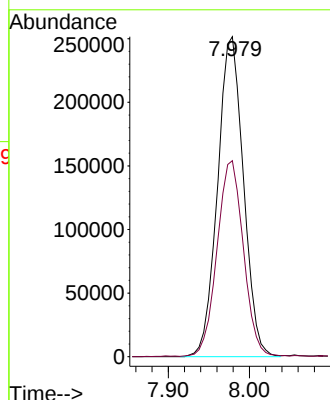
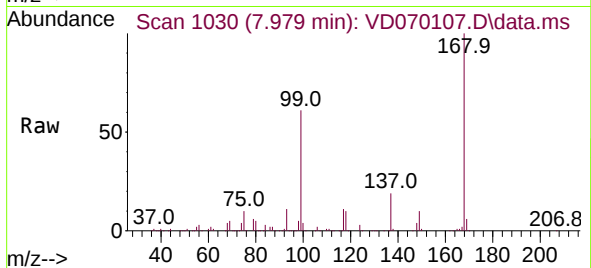
Acq: 18 Aug 2021 02:09

Tgt Ion:168 Resp: 556957

Ion Ratio Lower Upper

168 100

99 61.1 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.997 min Scan# 13

Delta R.T. 0.012 min

Lab File: VD070107.D

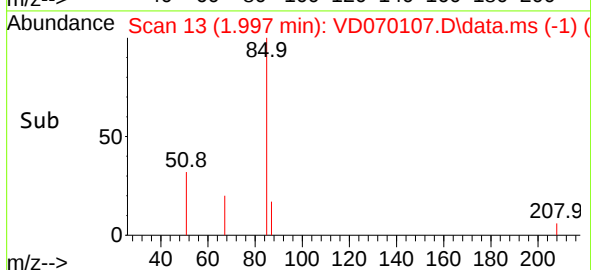
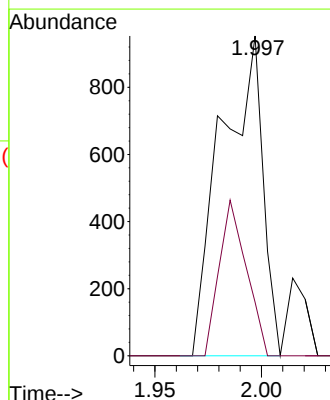
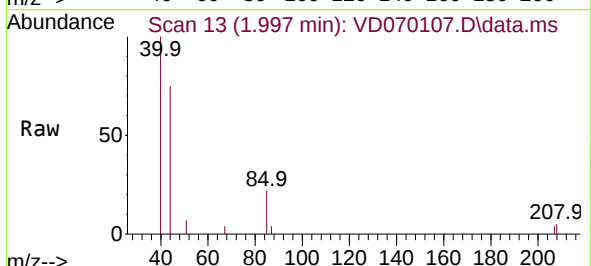
Acq: 18 Aug 2021 02:09

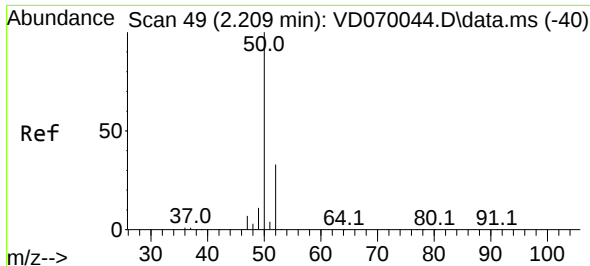
Tgt Ion: 85 Resp: 1283

Ion Ratio Lower Upper

85 100

87 16.8 16.2 48.6

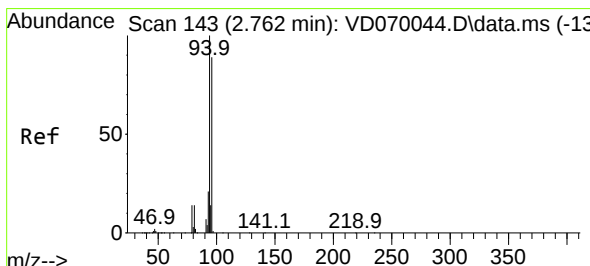
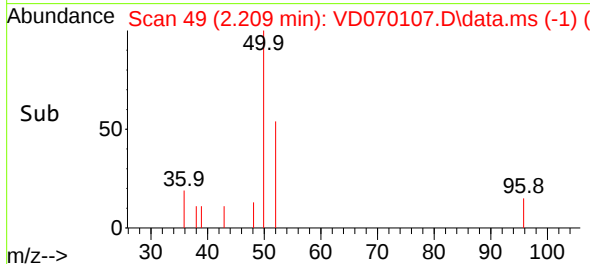
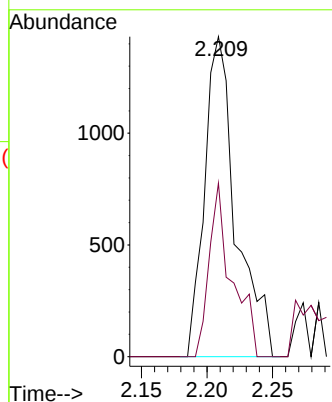
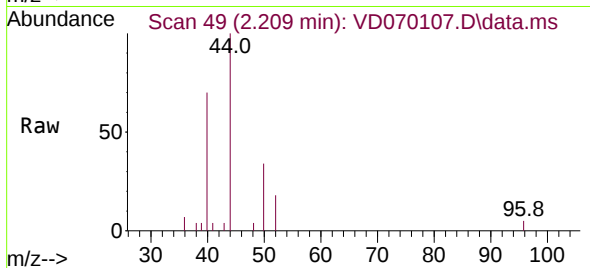




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

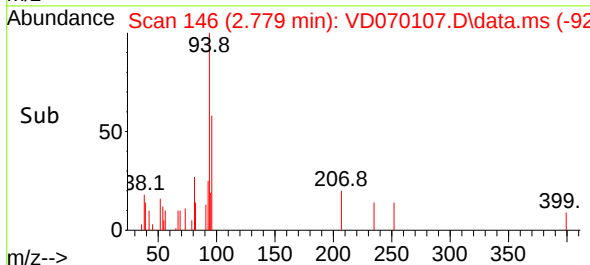
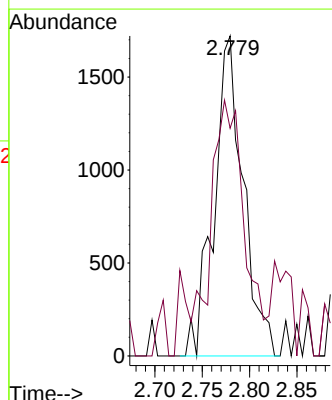
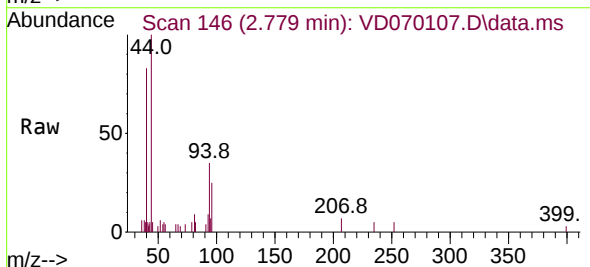
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0510

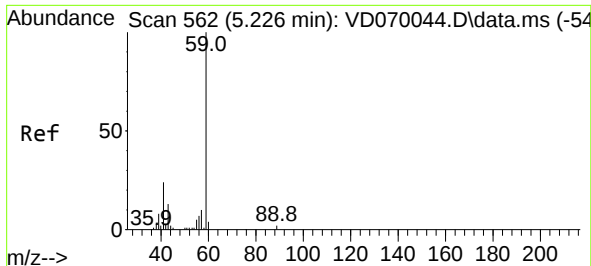
Tgt Ion: 50 Resp: 2386
Ion Ratio Lower Upper
50 100
52 54.3 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Tgt Ion: 94 Resp: 3682
Ion Ratio Lower Upper
94 100
96 48.0 70.9 106.3#



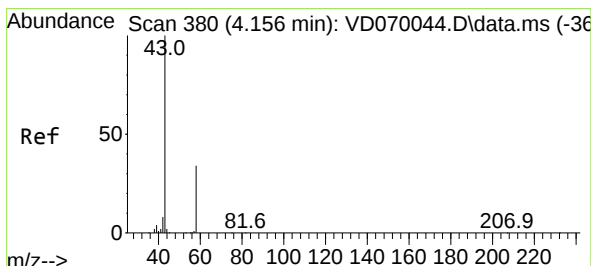
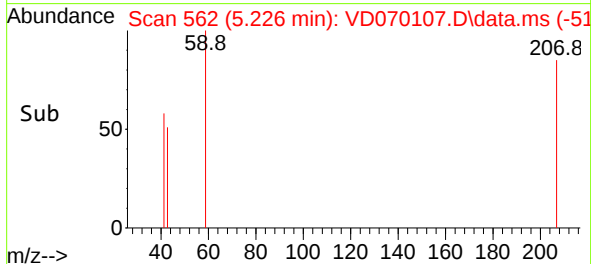
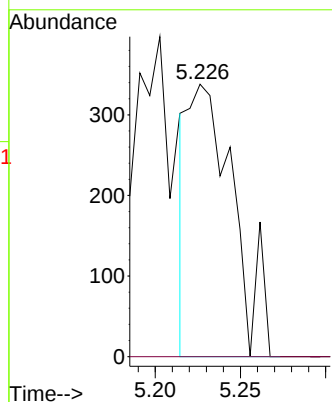
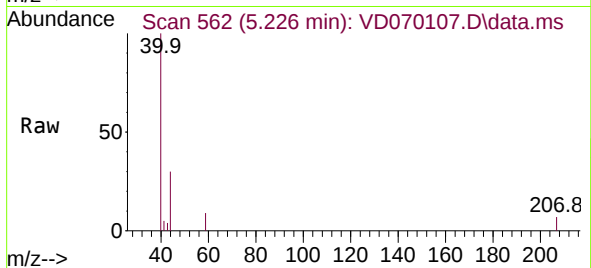


#11

Tert butyl alcohol
Concen: 1.734 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0510

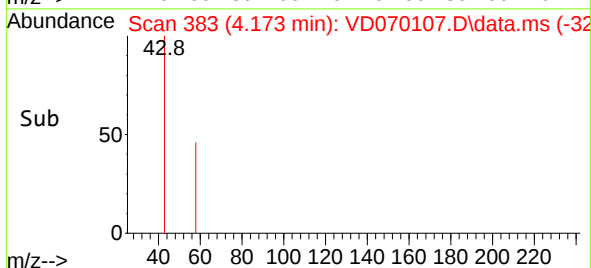
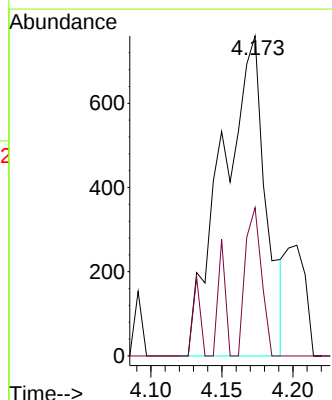
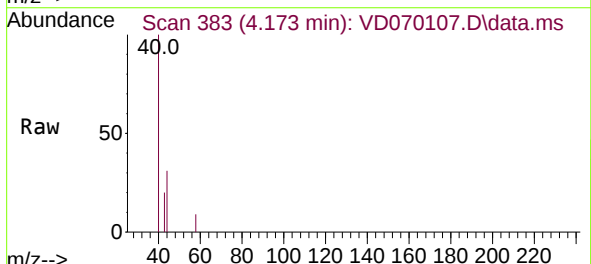
Tgt Ion: 59 Resp: 628
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

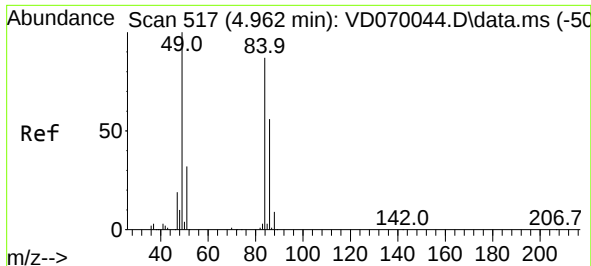


#16

Acetone
Concen: 1.340 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

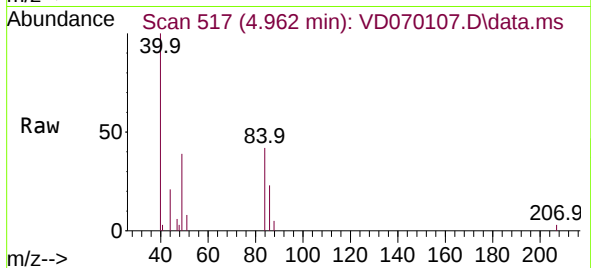
Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
58 46.3 26.8 40.2#



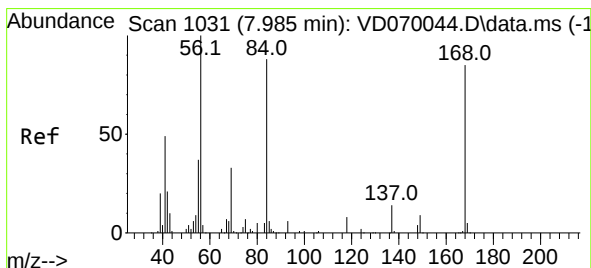
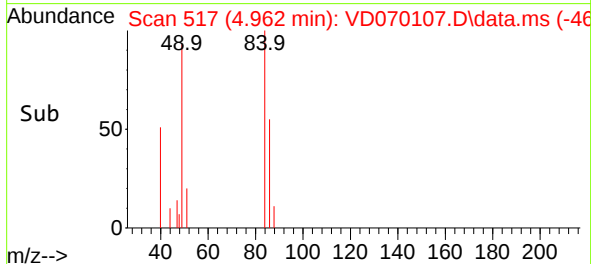
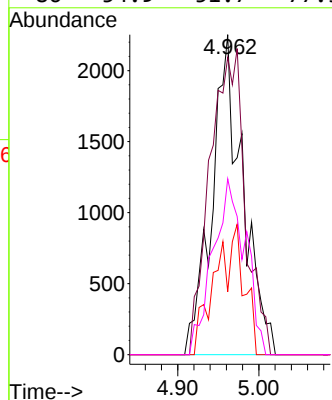


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0510

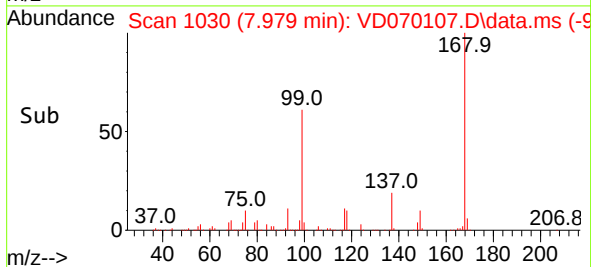
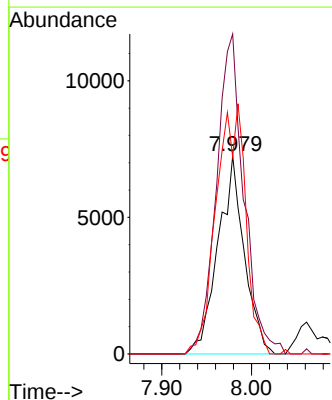
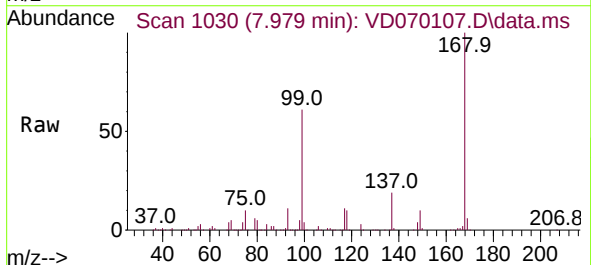


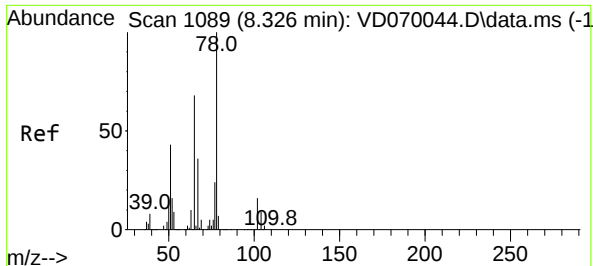
Tgt Ion:	84	Resp:	5933
Ion	Ratio	Lower	Upper
84	100		
49	92.9	92.5	138.7
51	19.6	29.7	44.5#
86	54.9	51.7	77.5



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Tgt Ion:	56	Resp:	14739
Ion	Ratio	Lower	Upper
56	100		
69	161.3	26.7	40.1#
84	99.3	70.4	105.6

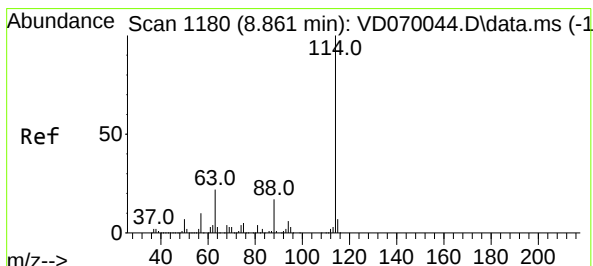
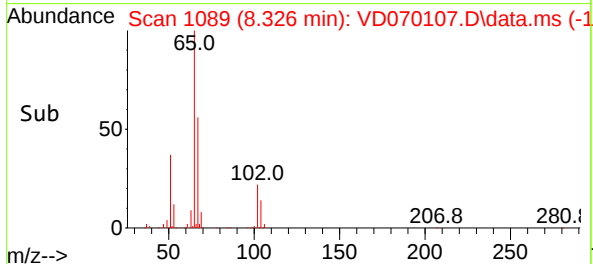
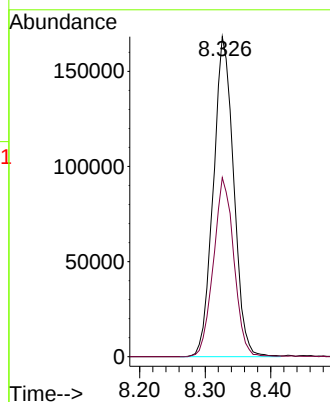
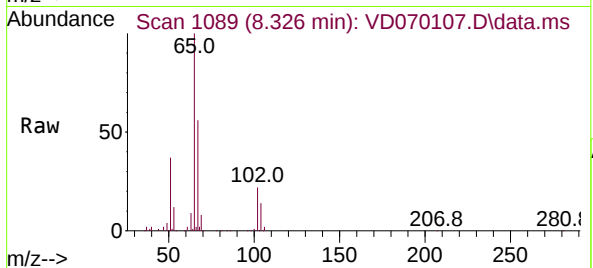




#33
1,2-Dichloroethane-d4
Concen: 55.259 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

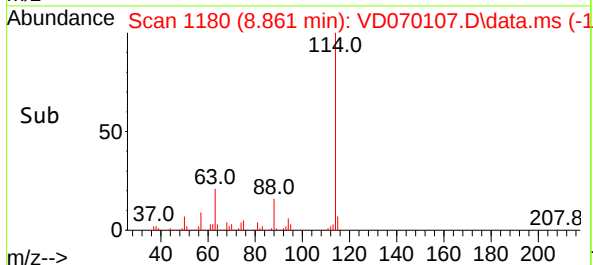
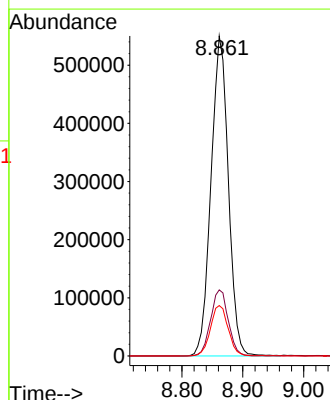
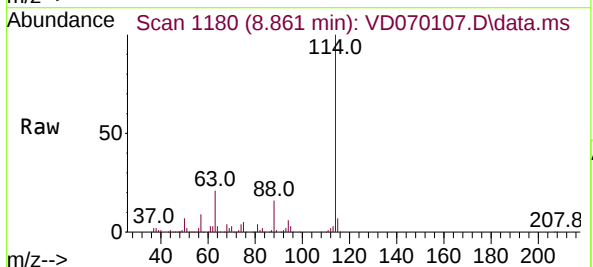
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0510

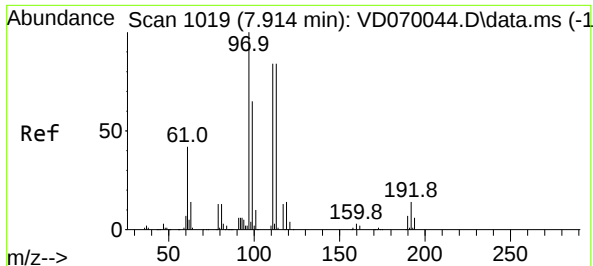
Tgt Ion: 65 Resp: 361986
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Tgt Ion:114 Resp: 1087986
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.604 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070107.D

Acq: 18 Aug 2021 02:09

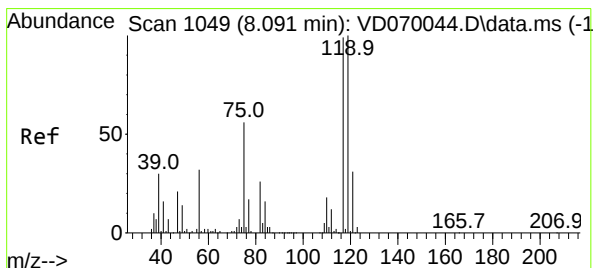
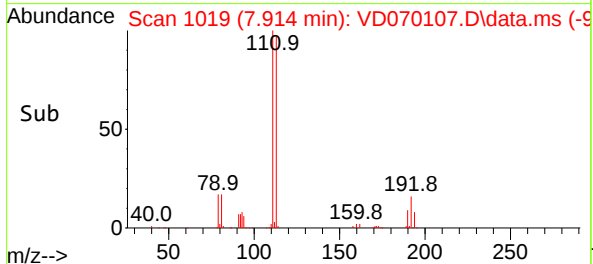
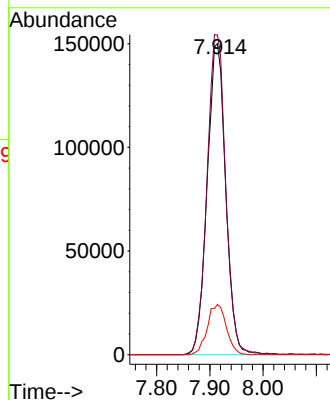
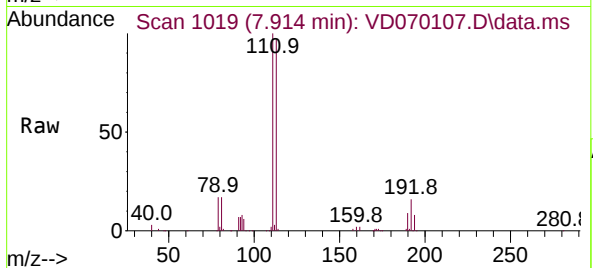
Tgt Ion:113 Resp: 362732

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.6

192 16.6 13.2 19.8



#38

Carbon Tetrachloride

Concen: 5.529 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD070107.D

Acq: 18 Aug 2021 02:09

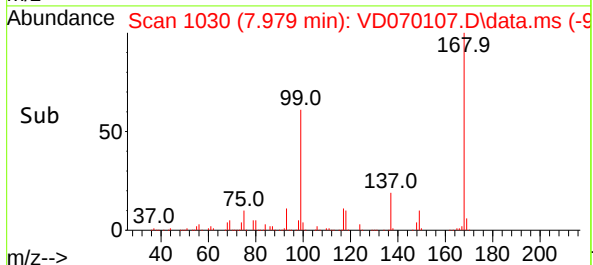
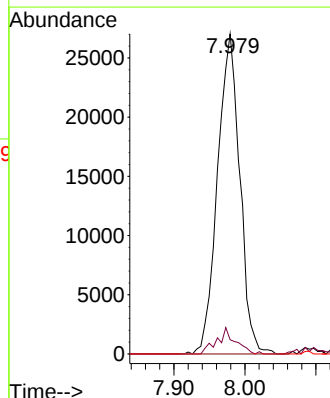
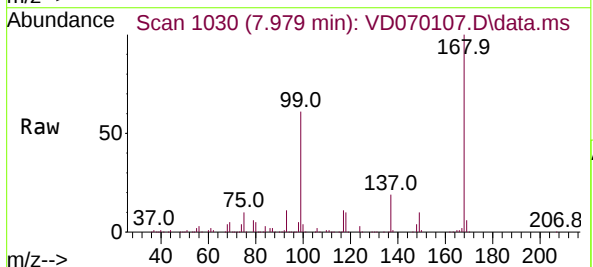
Tgt Ion:117 Resp: 58750

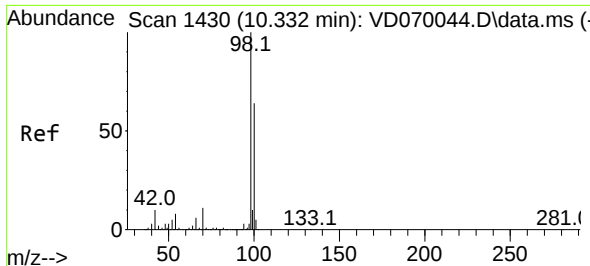
Ion Ratio Lower Upper

117 100

119 4.4 81.0 121.6#

121 0.0 25.0 37.6#

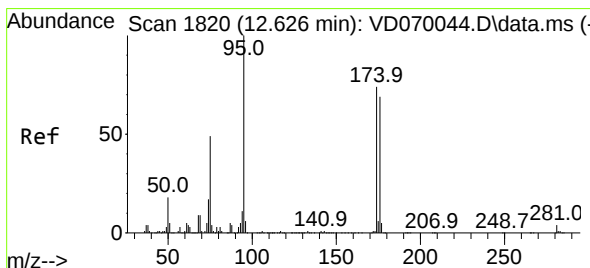
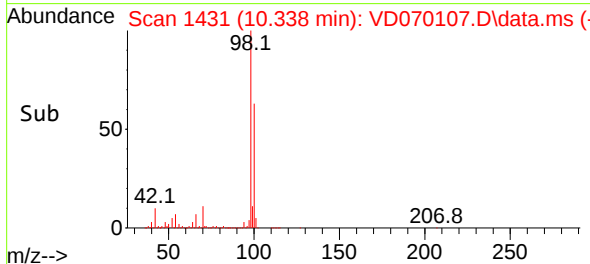
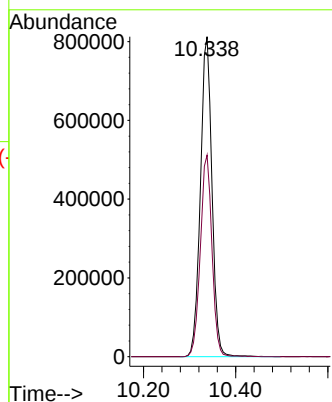
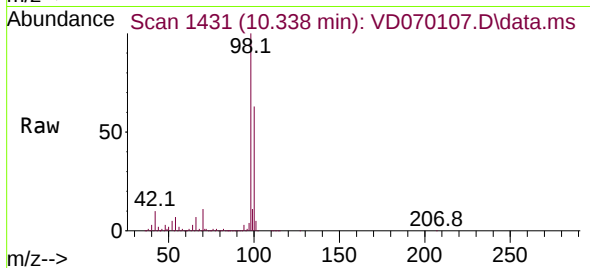




#50
Toluene-d8
Concen: 51.829 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

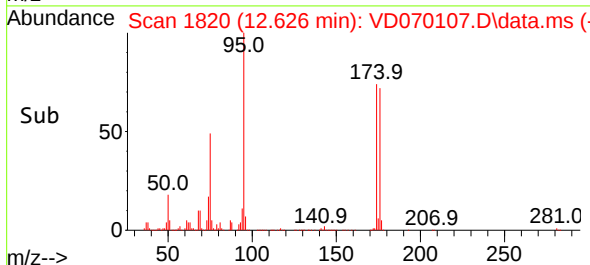
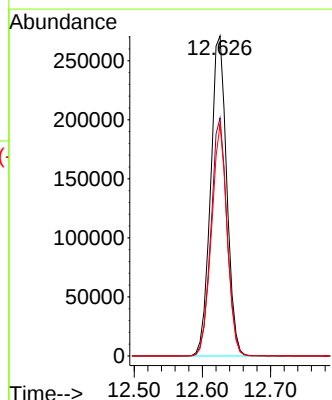
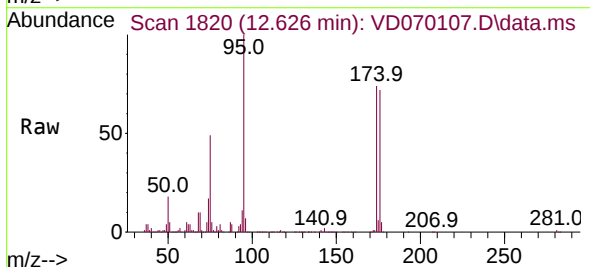
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0510

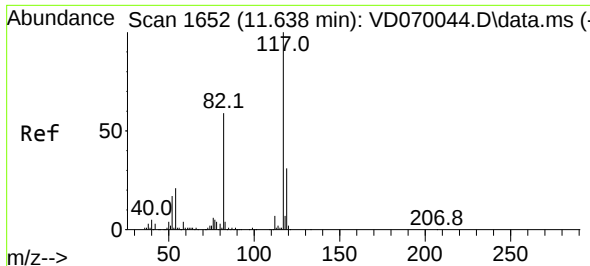
Tgt Ion: 98 Resp: 1416983
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.382 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Tgt Ion: 95 Resp: 444680
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.6
176 69.9 0.0 138.2

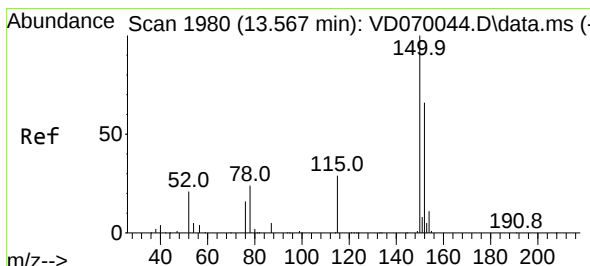
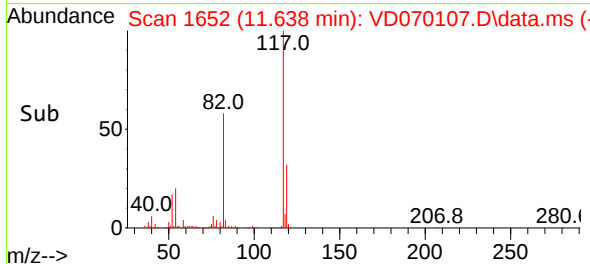
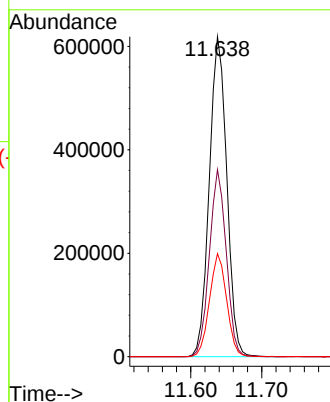
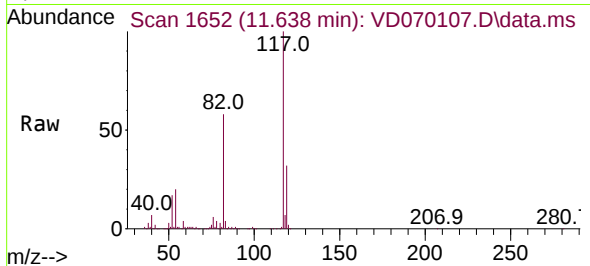




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

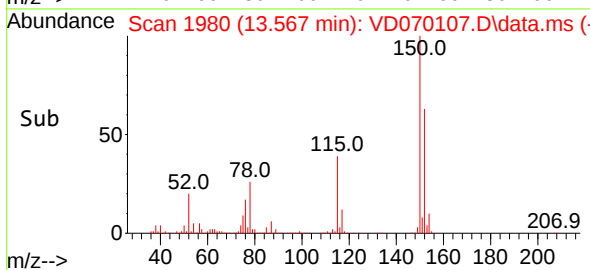
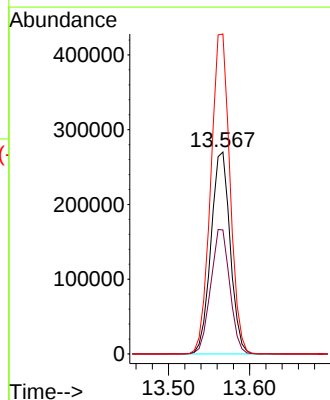
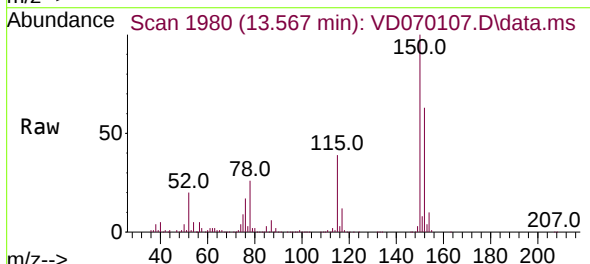
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0510

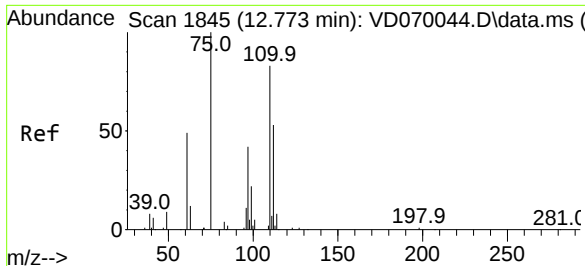
Tgt Ion:117 Resp: 1058371
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Tgt Ion:152 Resp: 443495
Ion Ratio Lower Upper
152 100
115 61.4 31.2 93.6
150 158.6 0.0 352.0

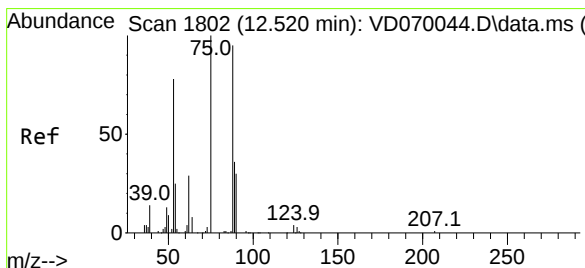
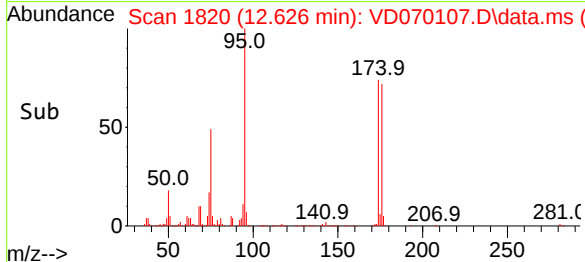
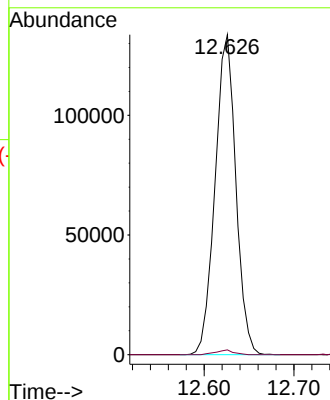
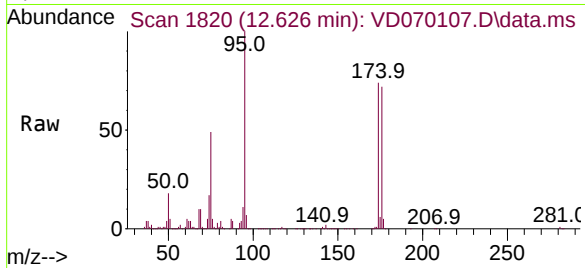




#76
1,2,3-Trichloropropane
Concen: 47.719 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0510

Tgt Ion: 75 Resp: 214622
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.860 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070107.D
Acq: 18 Aug 2021 02:09

Tgt Ion: 75 Resp: 214622
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 33.7 50.5#

