

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070105.D
 Acq On : 18 Aug 2021 01:12
 Operator : VA/SY
 Sample : M3390-10
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-08-1015

Quant Time: Aug 18 04:33:33 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)

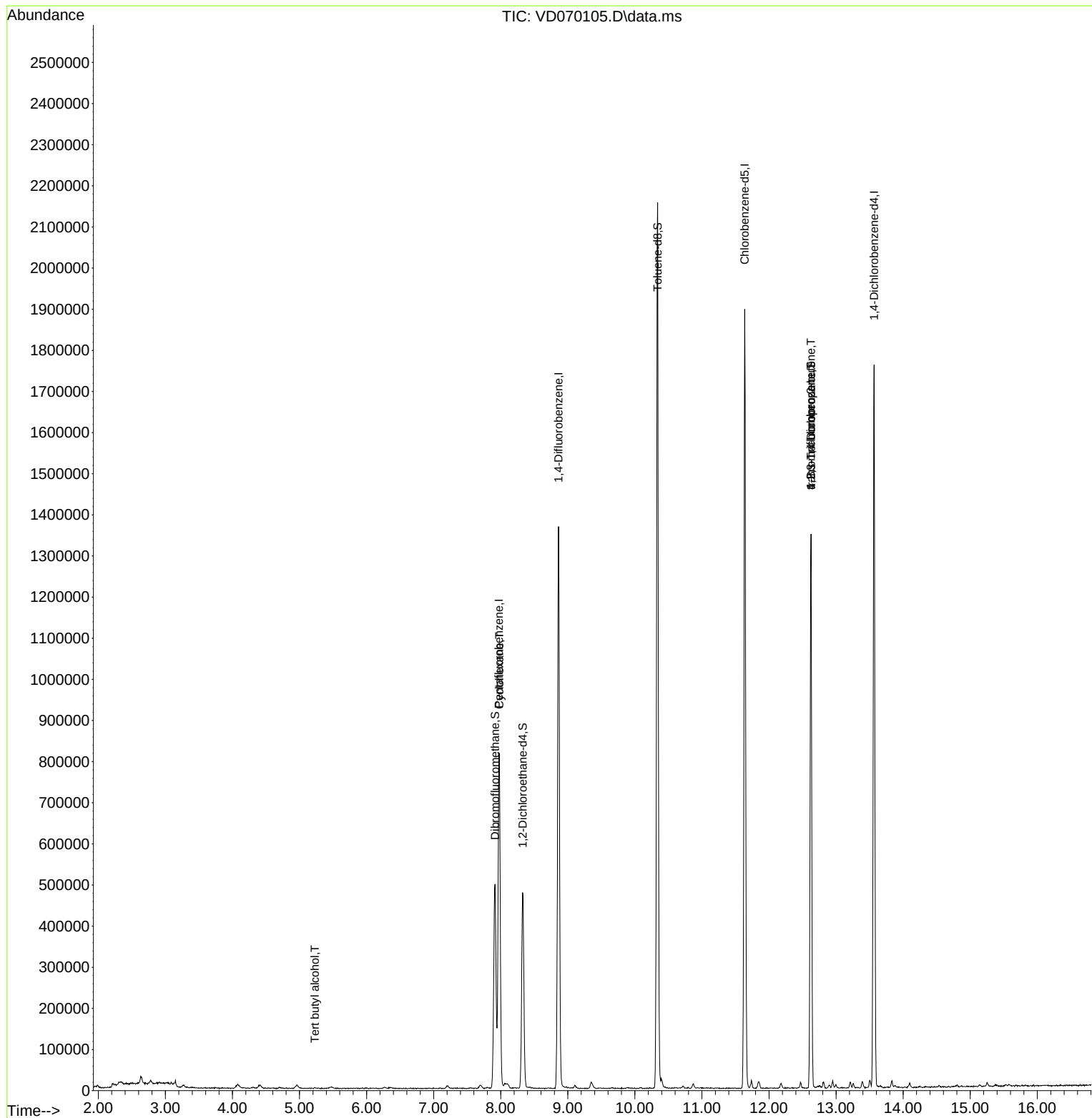
Internal Standards						
1) Pentafluorobenzene	7.973	168	575681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1136943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1083052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	465855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	379236	56.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.020%
35) Dibromofluoromethane	7.914	113	373627	50.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.740%
50) Toluene-d8	10.338	98	1477440	51.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.420%
62) 4-Bromofluorobenzene	12.626	95	466154	49.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	4373	Below Cal		93
3) Chloromethane	2.209	50	4486	Below Cal		99
5) Bromomethane	2.779	94	4477	Below Cal	#	72
11) Tert butyl alcohol	5.226	59	1059	2.830	ug/l #	71
20) Methylene Chloride	4.956	84	5780	Below Cal		92
31) Cyclohexane	7.979	56	19083	1.424	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	225449	47.720	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	225449	123.864	ug/l #	18

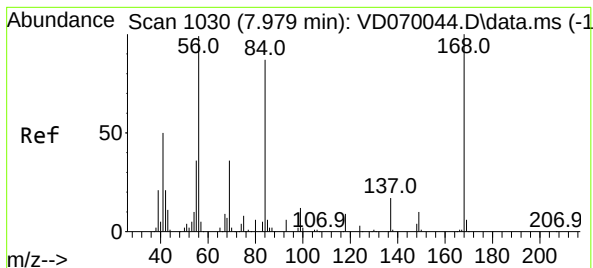
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 04:33:33 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: VD070105.D

Acq: 18 Aug 2021 01:12

Instrument :

MSVOA_D

ClientSampleId :

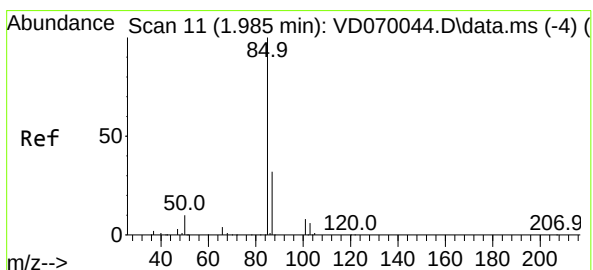
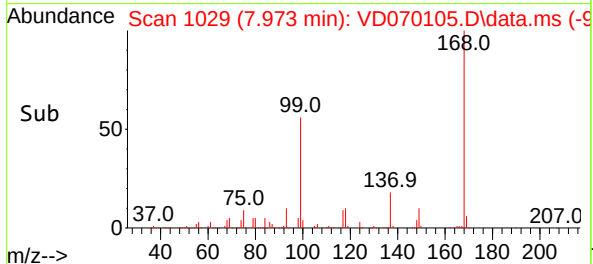
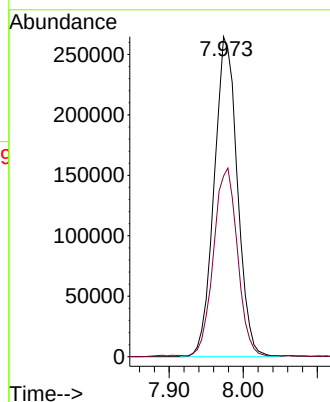
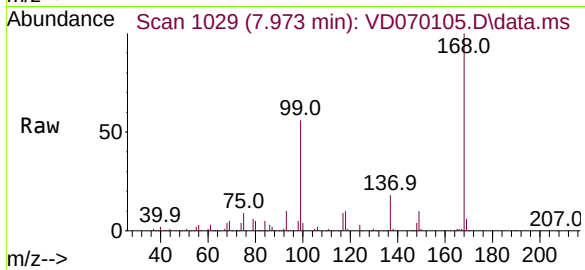
SWCS-08-1015

Tgt Ion:168 Resp: 575681

Ion Ratio Lower Upper

168 100

99 56.2 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD070105.D

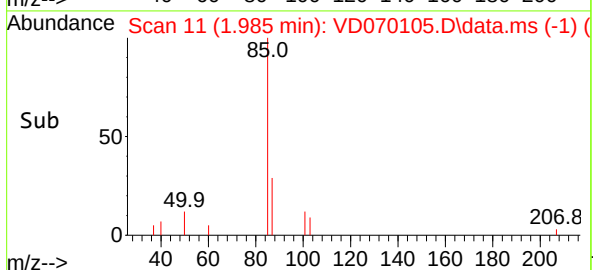
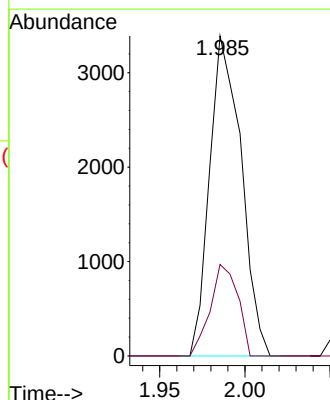
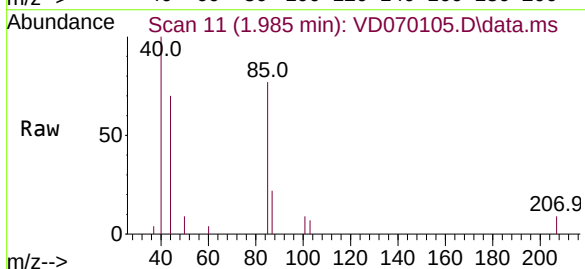
Acq: 18 Aug 2021 01:12

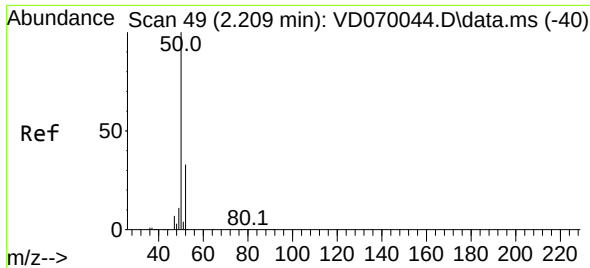
Tgt Ion: 85 Resp: 4373

Ion Ratio Lower Upper

85 100

87 28.6 16.2 48.6

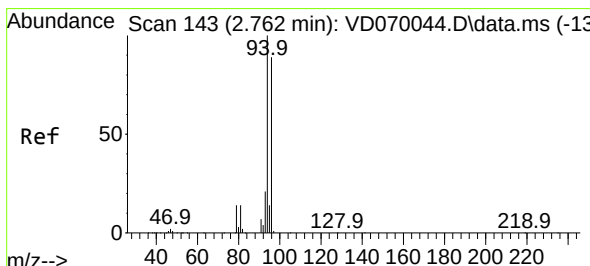
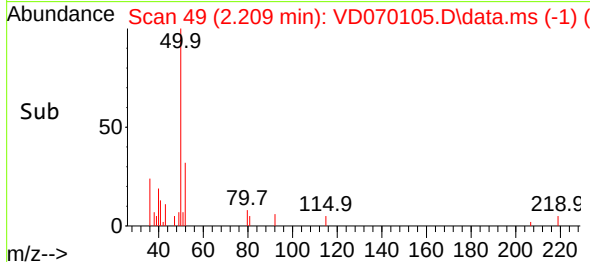
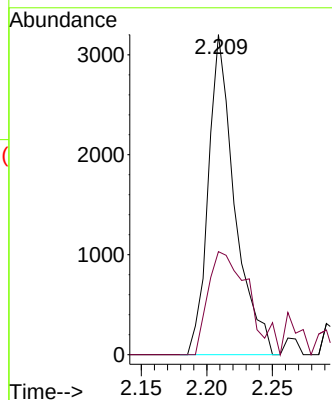
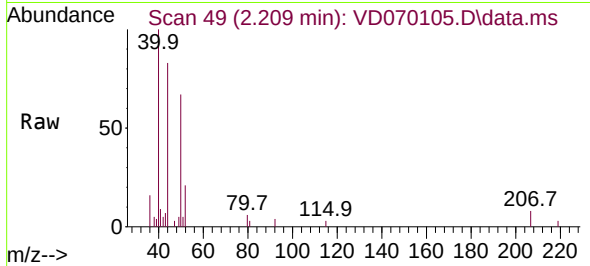




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

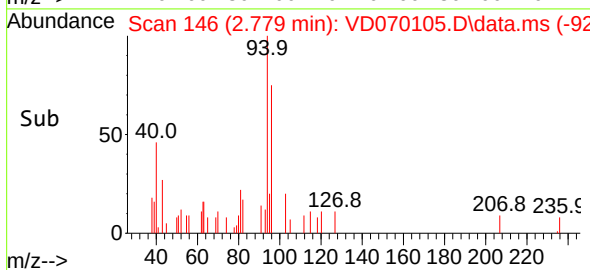
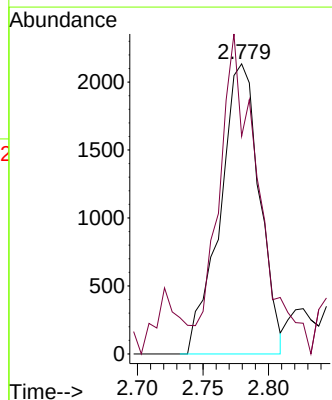
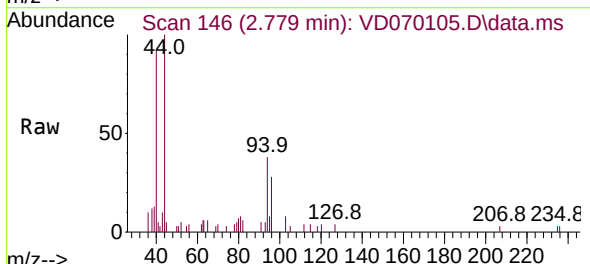
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-1015

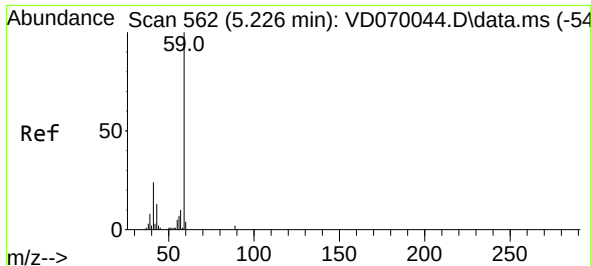
Tgt Ion: 50 Resp: 4486
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

Tgt Ion: 94 Resp: 4477
Ion Ratio Lower Upper
94 100
96 62.6 70.9 106.3#

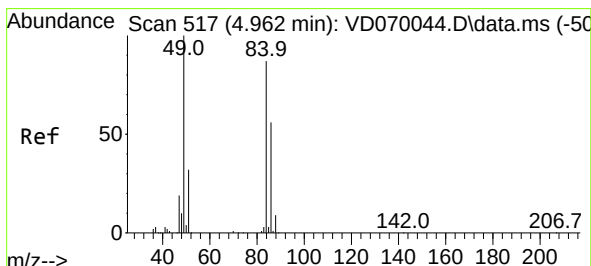
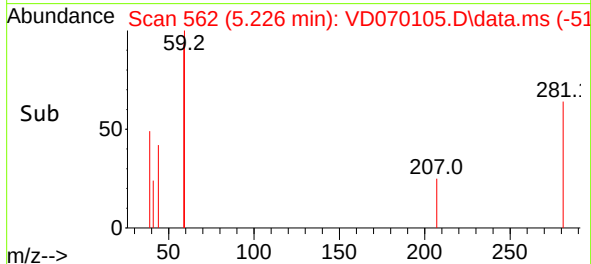
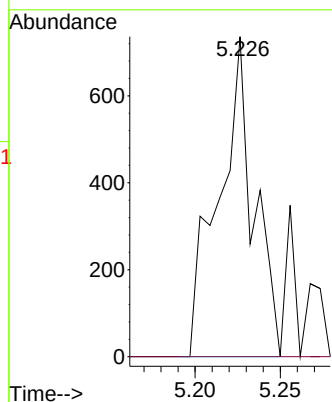
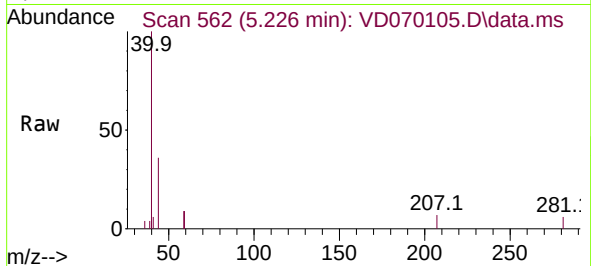




#11
Tert butyl alcohol
Concen: 2.830 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

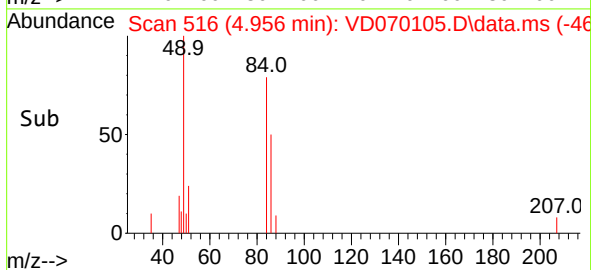
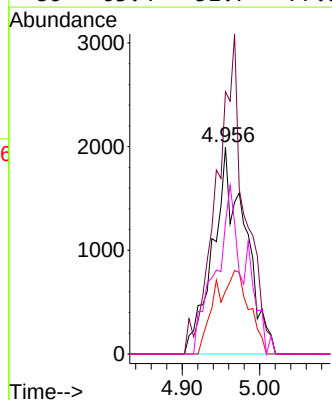
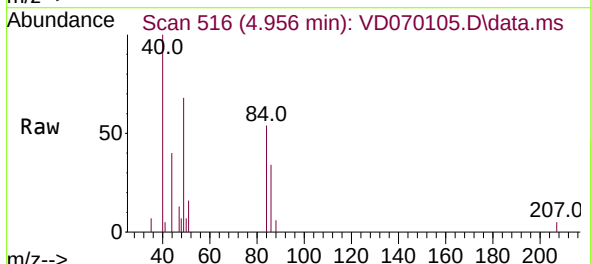
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-1015

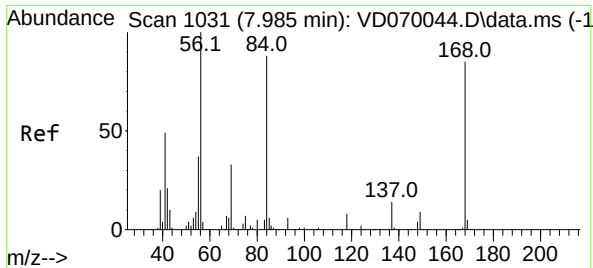
Tgt Ion: 59 Resp: 1059
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

Tgt Ion: 84 Resp: 5780
Ion Ratio Lower Upper
84 100
49 126.8 92.5 138.7
51 30.3 29.7 44.5
86 63.4 51.7 77.5

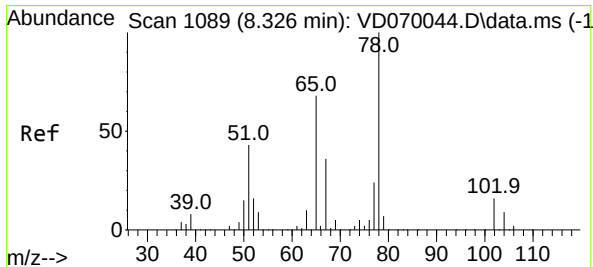
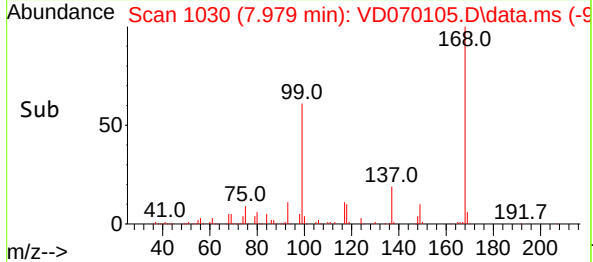
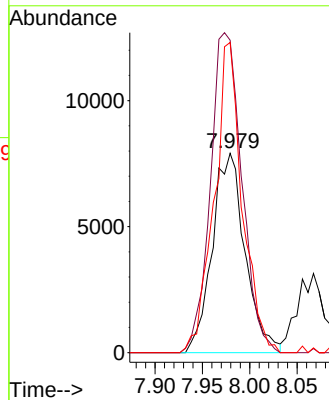
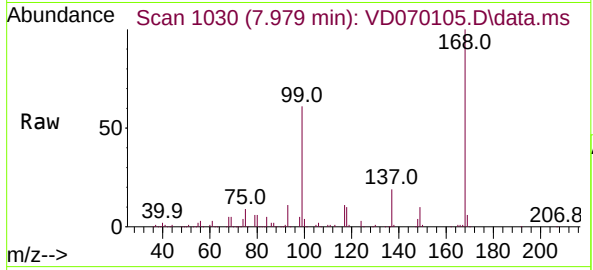




#31
Cyclohexane
Concen: 1.424 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

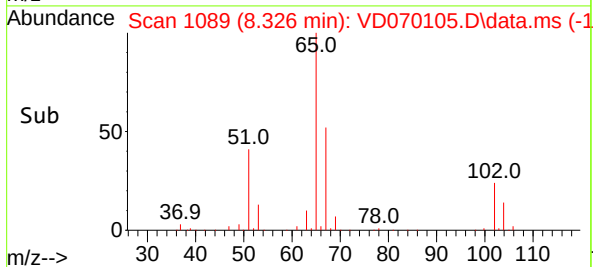
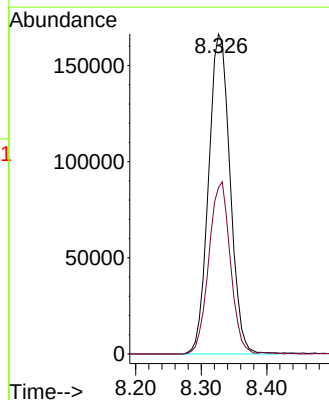
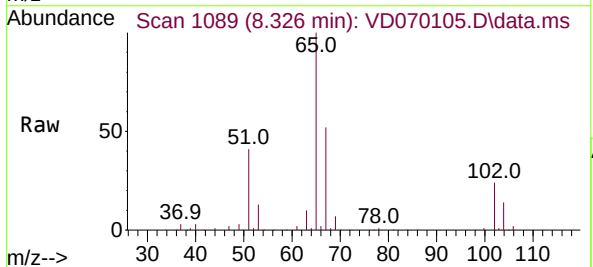
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-1015

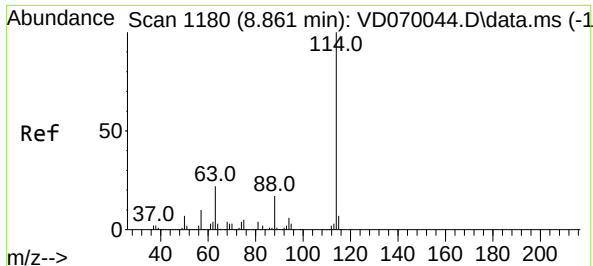
Tgt Ion: 56 Resp: 19083
Ion Ratio Lower Upper
56 100
69 156.8 26.7 40.1#
84 155.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 56.010 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

Tgt Ion: 65 Resp: 379236
Ion Ratio Lower Upper
65 100
67 53.6 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: VD070105.D

Acq: 18 Aug 2021 01:12

Tgt Ion:114 Resp: 1136943

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.6

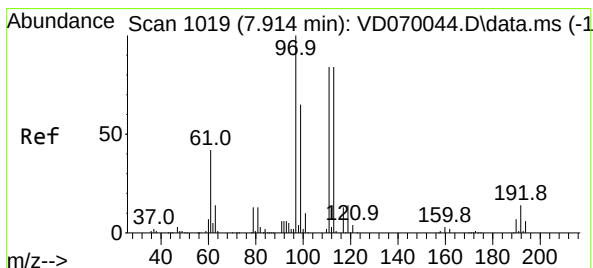
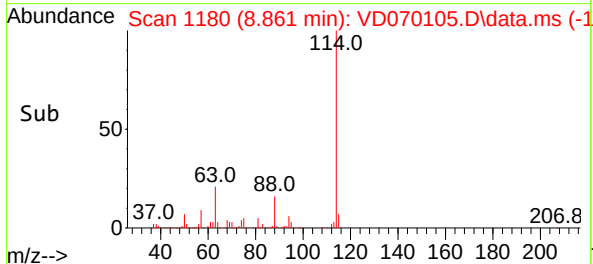
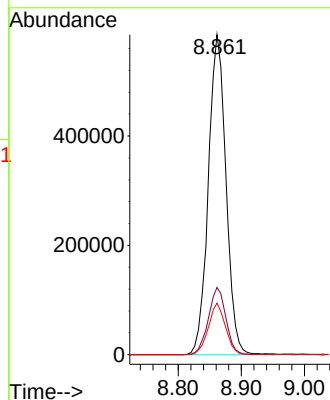
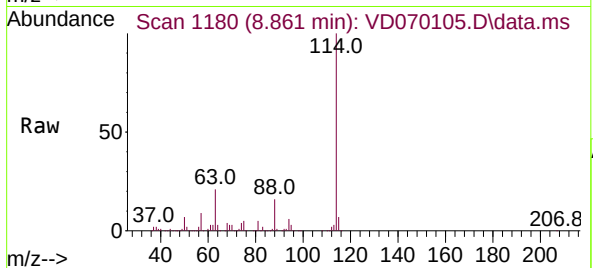
88 16.1 0.0 33.4

Instrument :

MSVOA_D

ClientSampleId :

SWCS-08-1015



#35

Dibromofluoromethane

Concen: 50.866 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070105.D

Acq: 18 Aug 2021 01:12

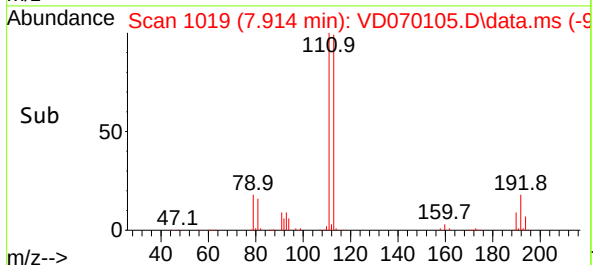
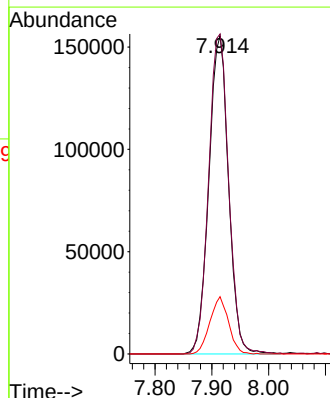
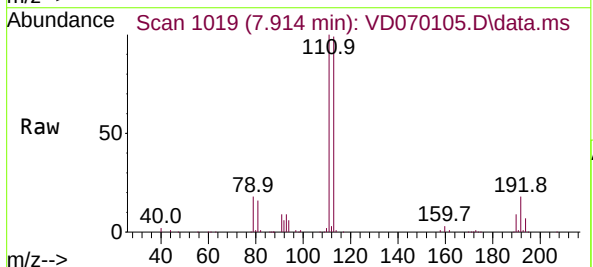
Tgt Ion:113 Resp: 373627

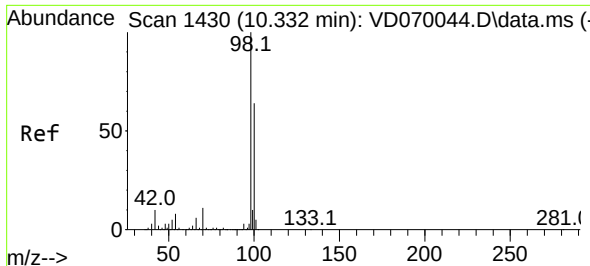
Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

192 17.0 13.2 19.8

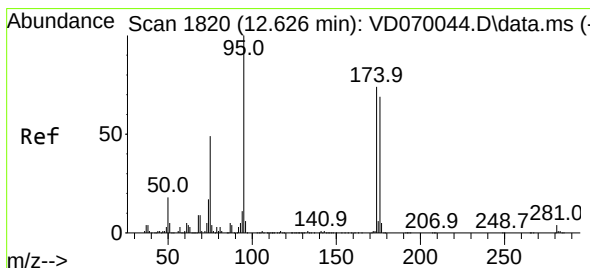
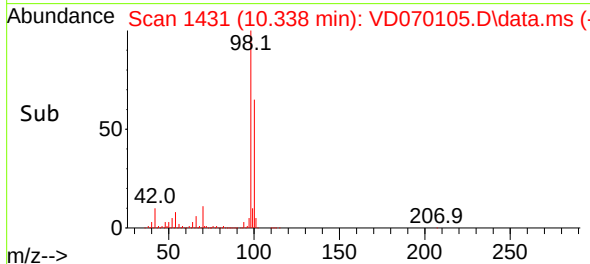
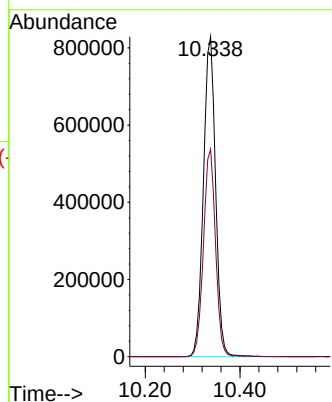
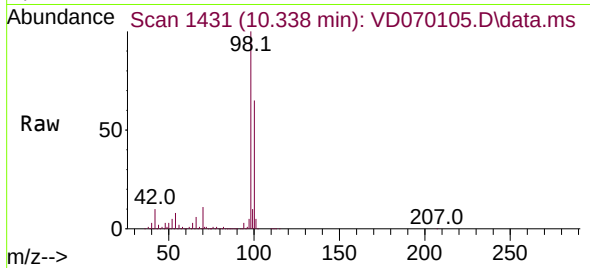




#50
Toluene-d8
Concen: 51.714 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

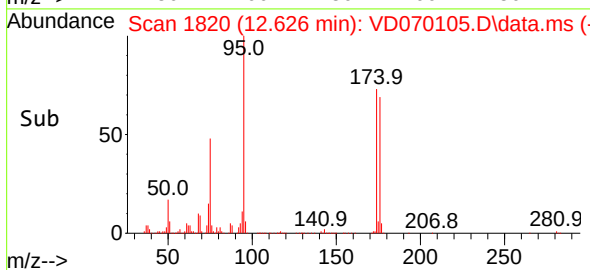
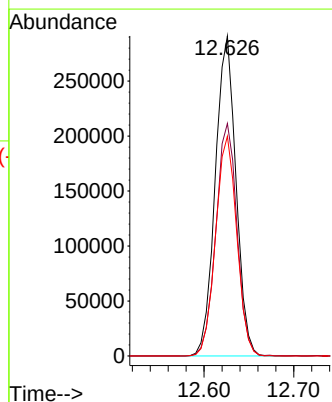
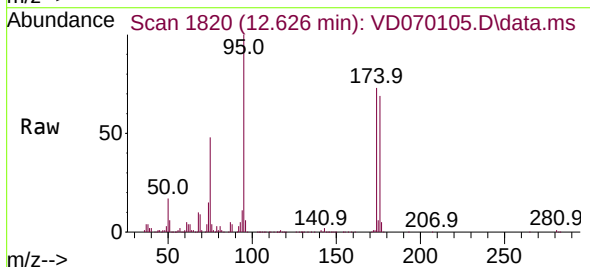
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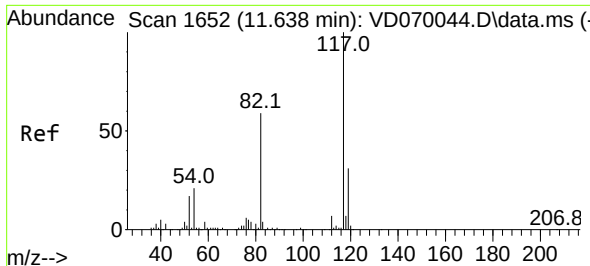
Tgt Ion: 98 Resp: 1477440
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

Tgt Ion: 95 Resp: 466154
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 70.1 0.0 138.2

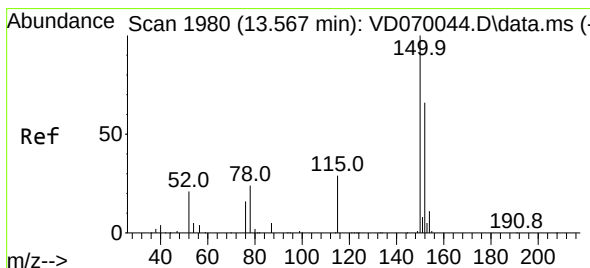
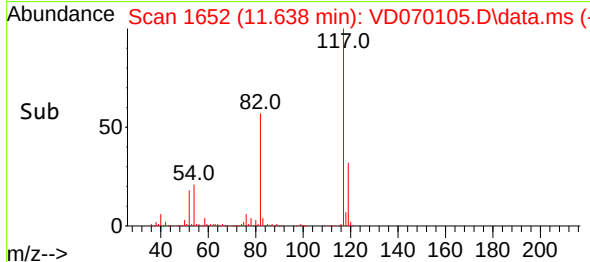
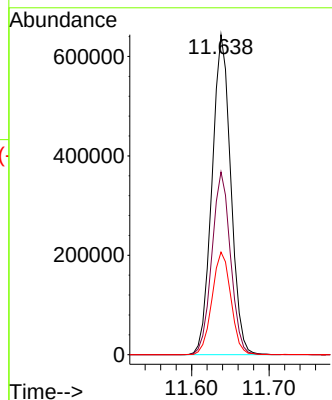
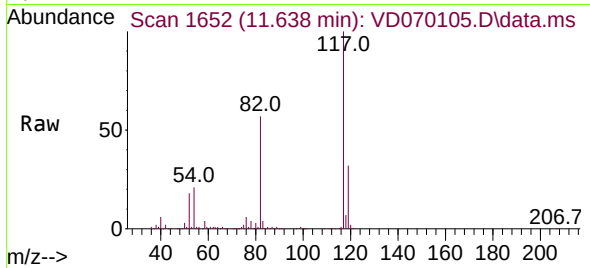




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

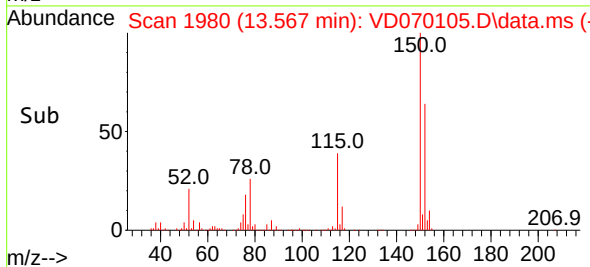
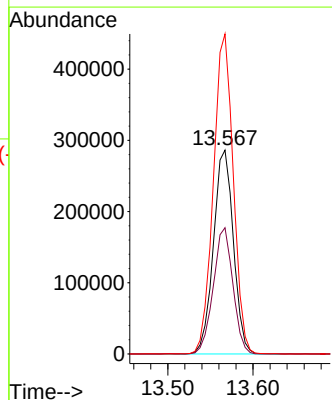
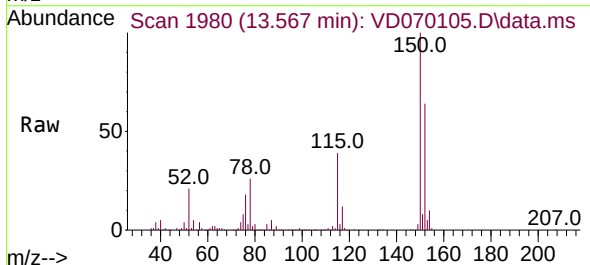
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MSVOA_D
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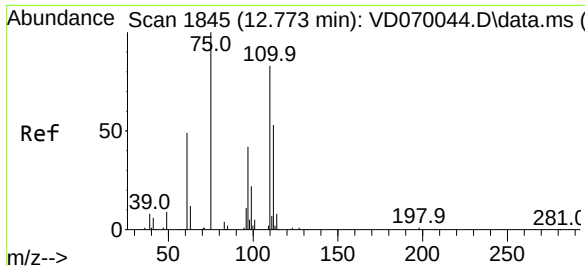
Tgt Ion:117 Resp: 1083052
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

Tgt Ion:152 Resp: 465855
Ion Ratio Lower Upper
152 100
115 60.8 31.2 93.6
150 156.4 0.0 352.0

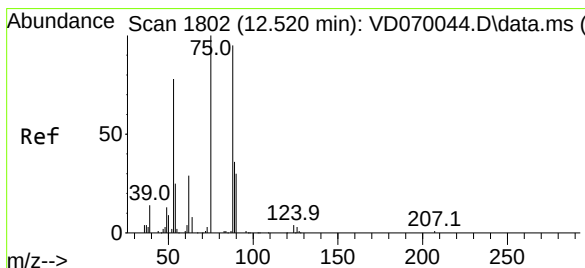
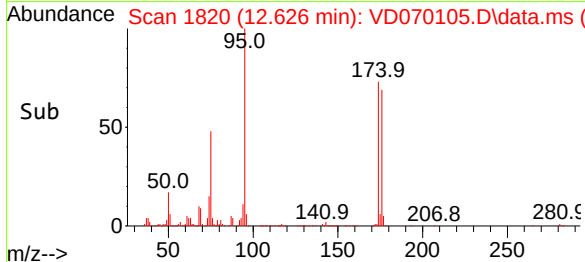
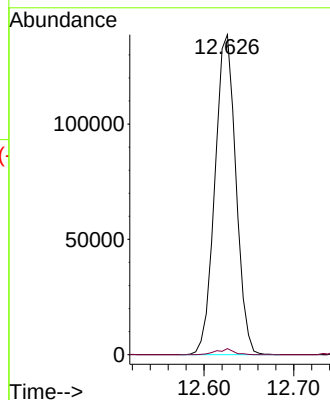
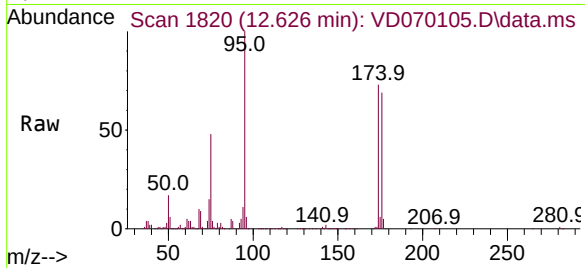




#76
1,2,3-Trichloropropane
Concen: 47.720 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-1015

Tgt Ion: 75 Resp: 225449
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.864 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070105.D
Acq: 18 Aug 2021 01:12

Tgt Ion: 75 Resp: 225449
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

