

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070519.D
 Acq On : 29 Sep 2021 13:27
 Operator : VA/SY
 Sample : M3938-04RE
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-05(6-8)

Quant Time: Sep 30 00:44:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

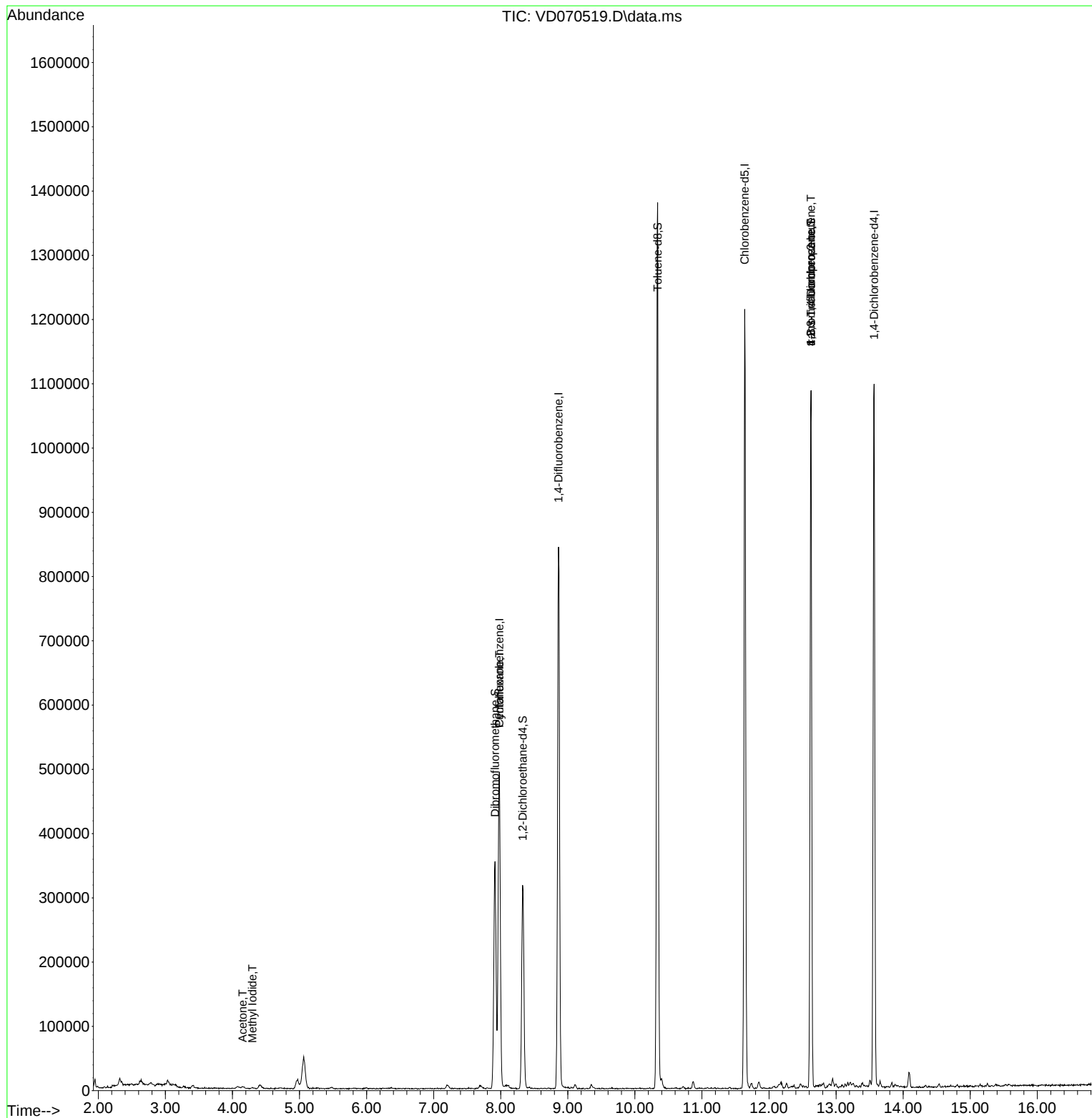
Internal Standards						
1) Pentafluorobenzene	7.979	168	345644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	746004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	716291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257936	58.118	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.240%			
35) Dibromofluoromethane	7.914	113	256127	48.233	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.460%			
50) Toluene-d8	10.338	98	970670	50.346	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.700%			
62) 4-Bromofluorobenzene	12.626	95	322331	47.837	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1146	Below Cal		73
3) Chloromethane	2.215	50	2336	Below Cal	#	73
5) Bromomethane	2.779	94	2394	Below Cal		86
6) Chloroethane	2.921	64	1174	Below Cal	#	70
10) Methyl Iodide	4.297	142	1518	1.377 ug/l	#	75
16) Acetone	4.150	43	2446	3.087 ug/l	#	64
18) Methyl Acetate	4.720	43	128	Below Cal	#	48
20) Methylene Chloride	4.973	84	11403	Below Cal	#	90
31) Cyclohexane	7.979	56	9162	1.198 ug/l	#	1
76) 1,2,3-Trichloropropane	12.626	75	154998	50.288 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	154998	126.001 ug/l	#	17

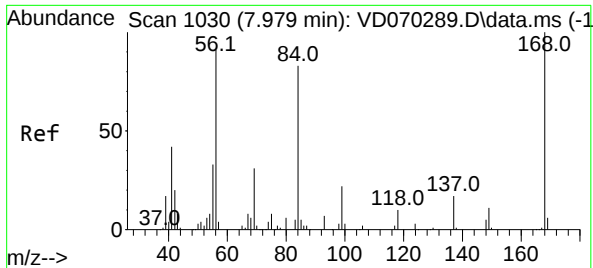
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 30 00:44:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

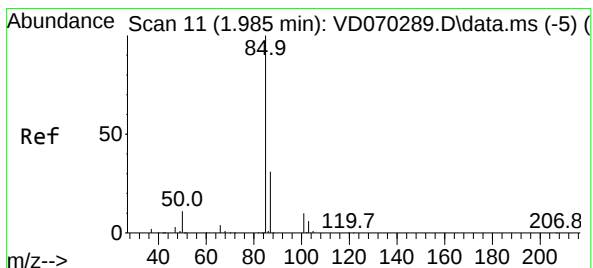
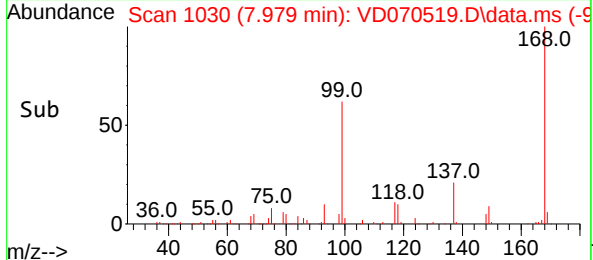
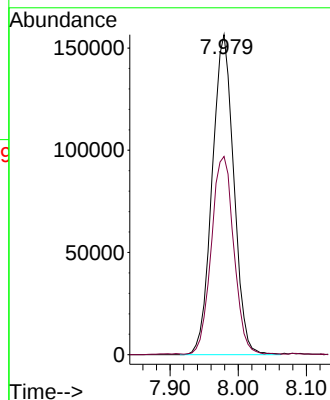
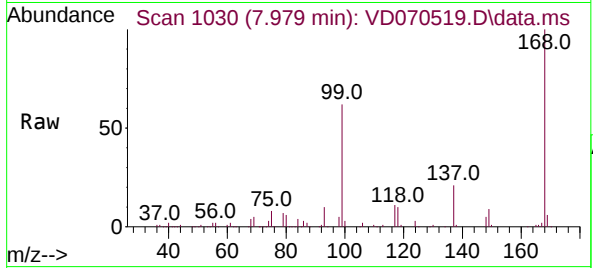




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

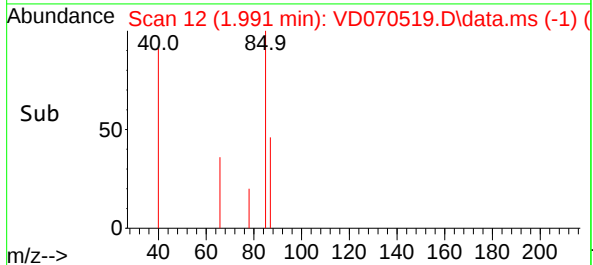
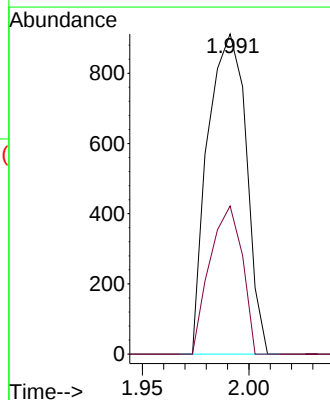
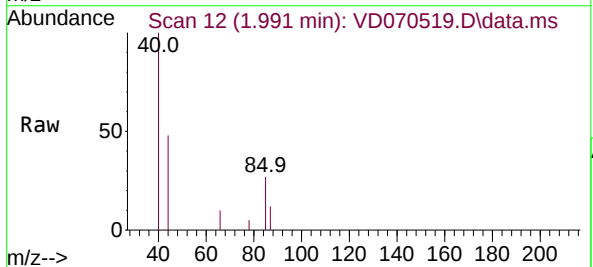
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

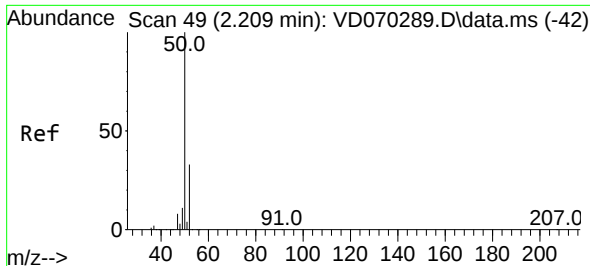
Tgt Ion:168 Resp: 345644
Ion Ratio Lower Upper
168 100
99 61.7 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion: 85 Resp: 1146
Ion Ratio Lower Upper
85 100
87 46.3 15.6 46.8

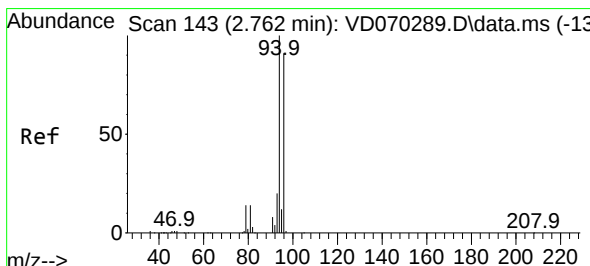
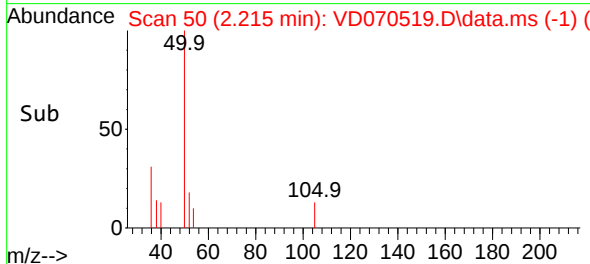
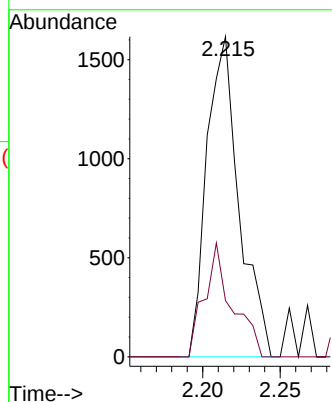
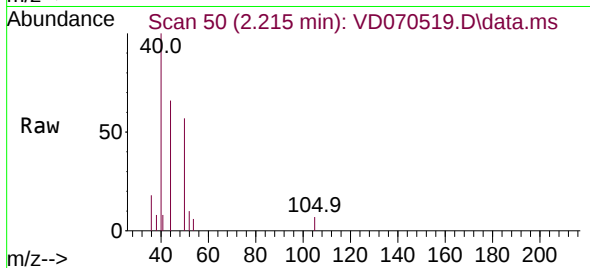




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

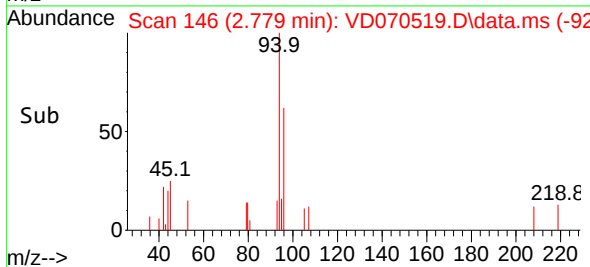
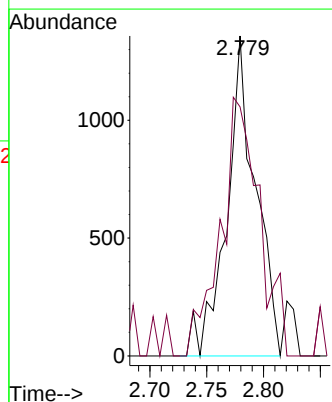
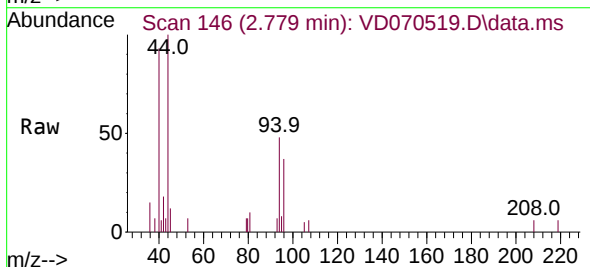
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

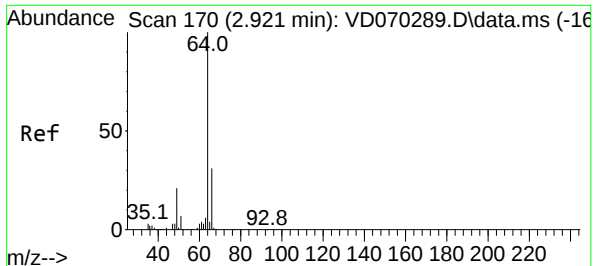
Tgt Ion: 50 Resp: 2336
Ion Ratio Lower Upper
50 100
52 17.6 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion: 94 Resp: 2394
Ion Ratio Lower Upper
94 100
96 77.8 73.0 109.6

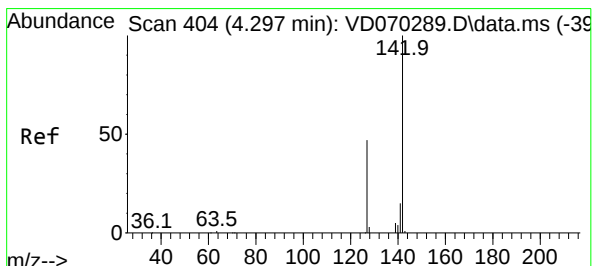
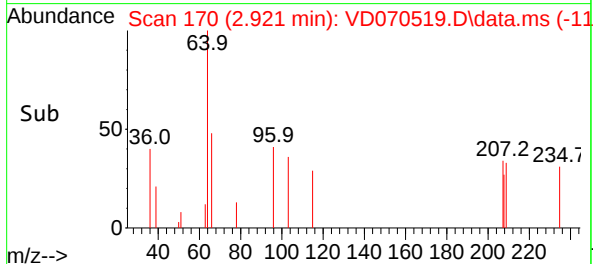
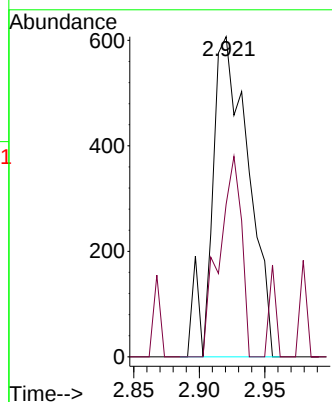
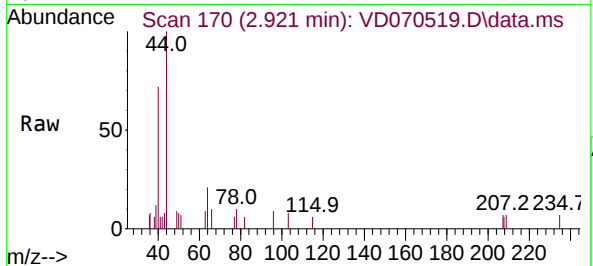




#6
Chloroethane
Concen: Below Cal
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

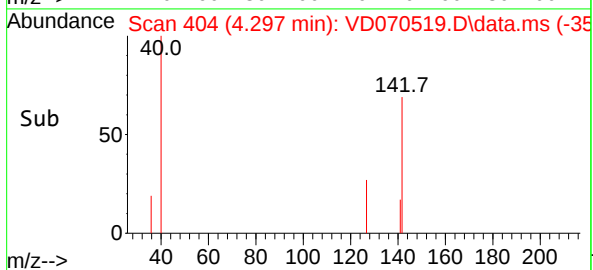
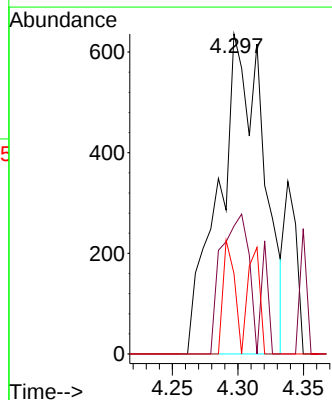
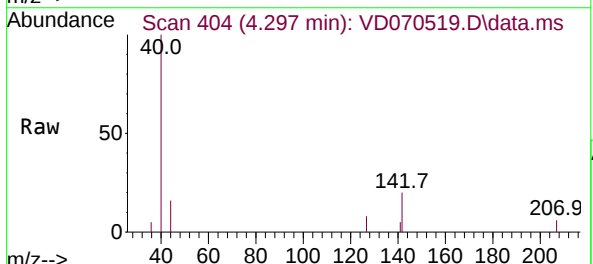
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

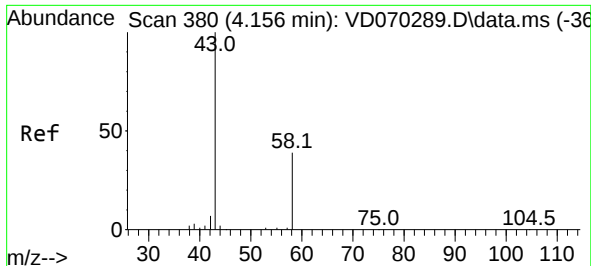
Tgt Ion: 64 Resp: 1174
Ion Ratio Lower Upper
64 100
66 47.6 25.0 37.4#



#10
Methyl Iodide
Concen: 1.377 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion:142 Resp: 1518
Ion Ratio Lower Upper
142 100
127 26.9 36.9 55.3#
141 9.0 11.8 17.6#

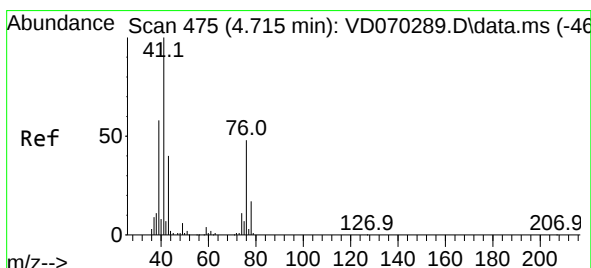
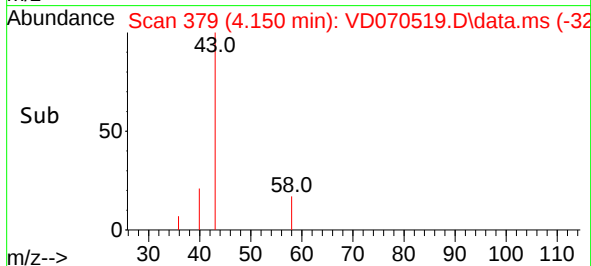
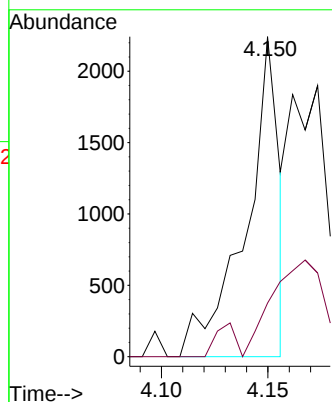
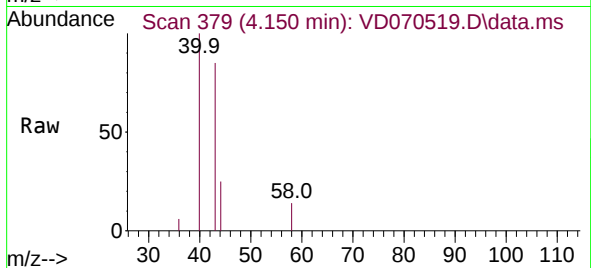




#16
Acetone
Concen: 3.087 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

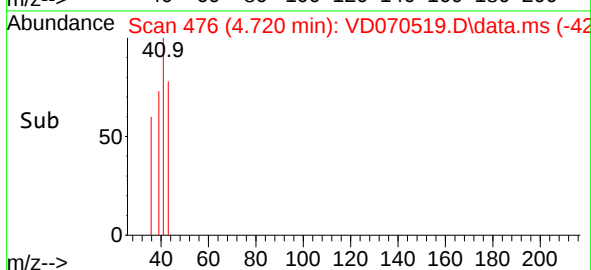
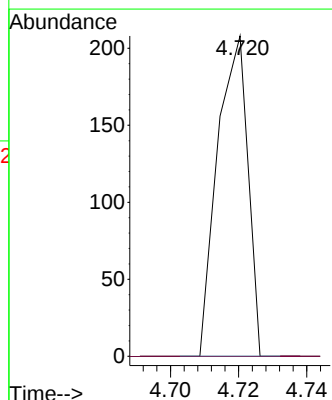
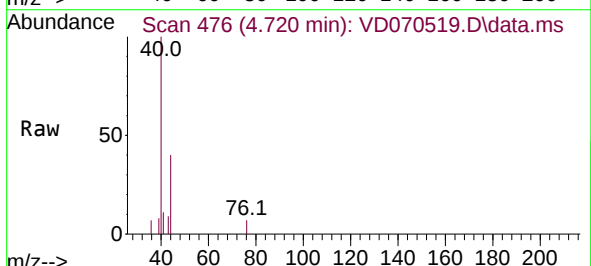
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

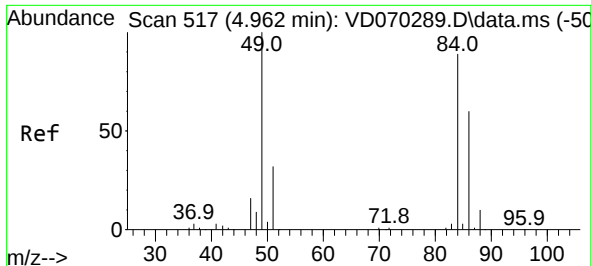
Tgt Ion: 43 Resp: 2446
Ion Ratio Lower Upper
43 100
58 16.8 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 519

Delta R.T. 0.011 min

Lab File: VD070519.D

Acq: 29 Sep 2021 13:27

Instrument :

MSVOA_D

ClientSampleId :

SUB-SLAB-05(6-8)

Tgt Ion: 84 Resp: 11403

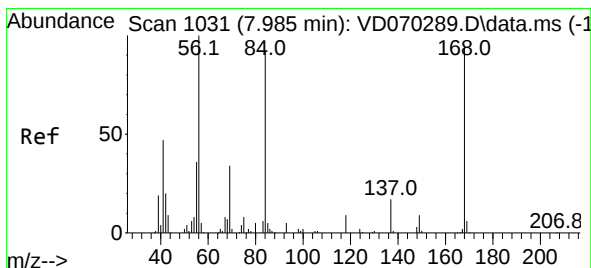
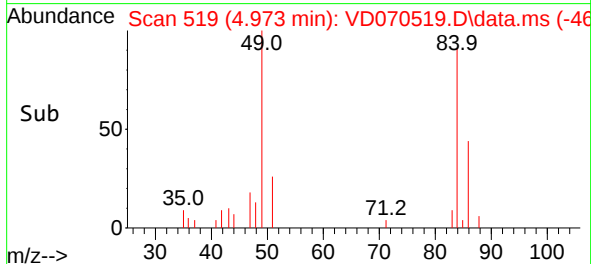
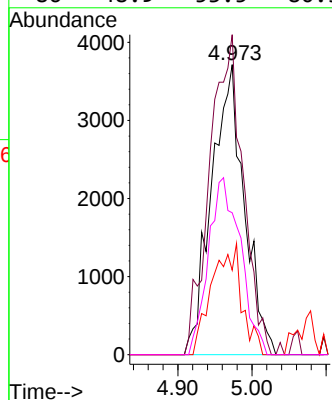
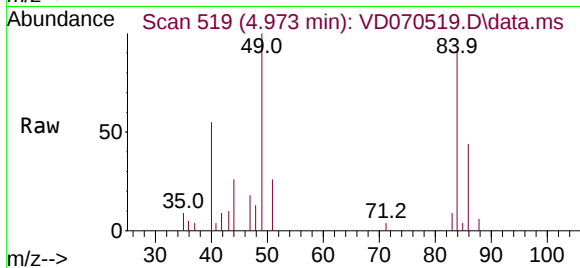
Ion Ratio Lower Upper

84 100

49 110.3 89.6 134.4

51 29.1 28.6 43.0

86 48.9 53.5 80.3#



#31

Cyclohexane

Concen: 1.198 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070519.D

Acq: 29 Sep 2021 13:27

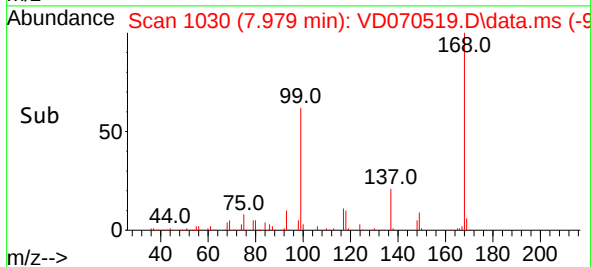
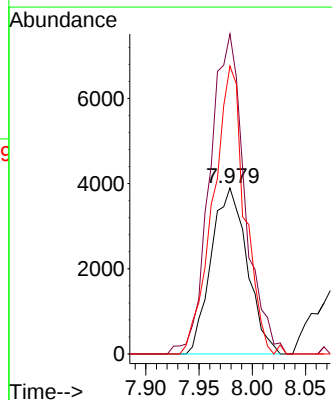
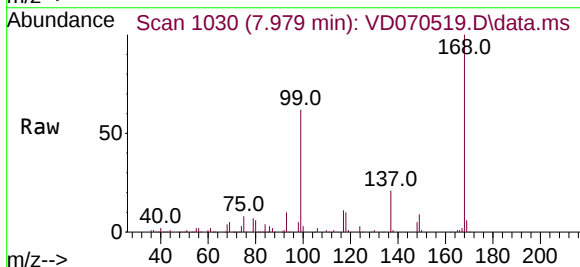
Tgt Ion: 56 Resp: 9162

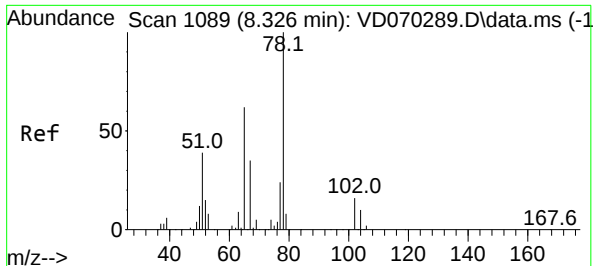
Ion Ratio Lower Upper

56 100

69 188.0 26.9 40.3#

84 173.5 73.6 110.4#

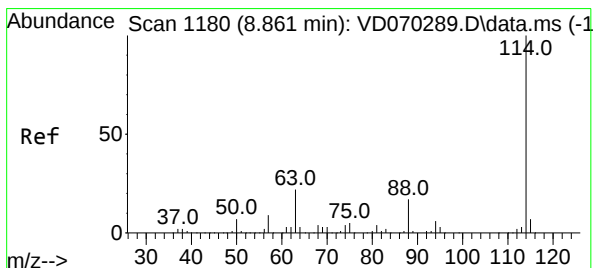
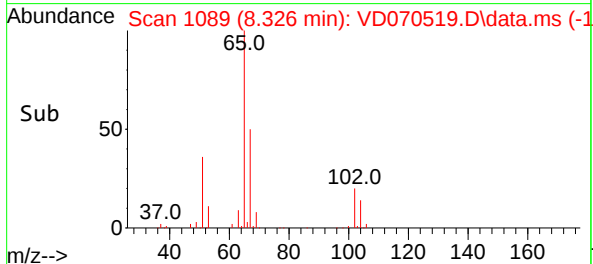
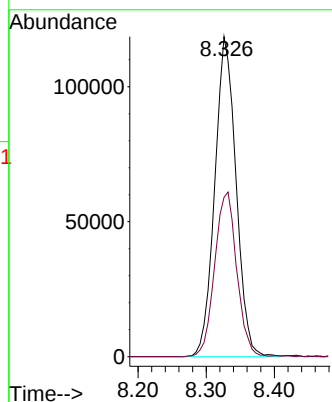
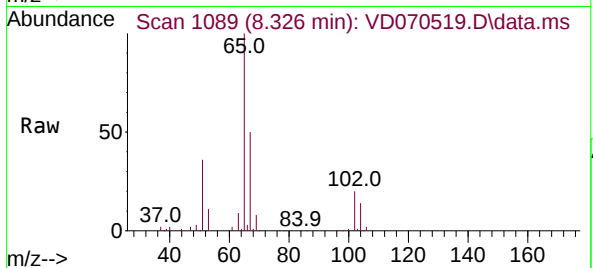




#33
1,2-Dichloroethane-d4
Concen: 58.118 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

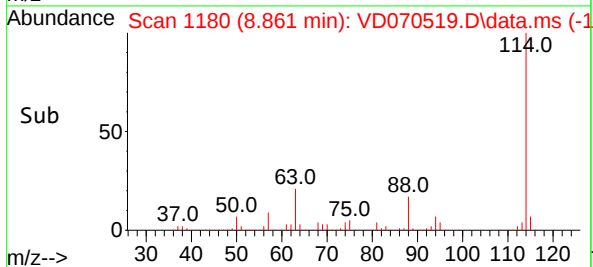
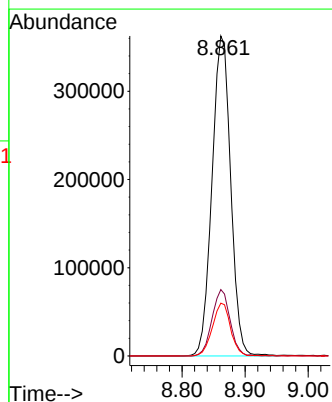
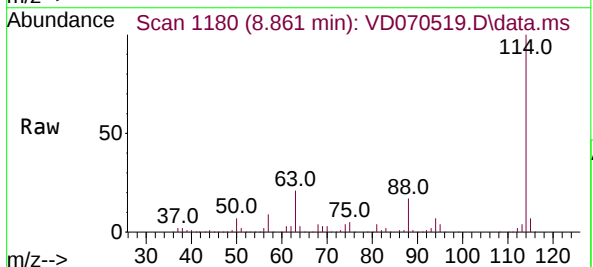
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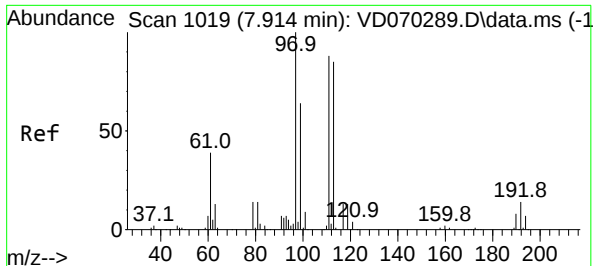
Tgt Ion: 65 Resp: 257936
Ion Ratio Lower Upper
65 100
67 53.3 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion:114 Resp: 746004
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.233 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070519.D

Acq: 29 Sep 2021 13:27

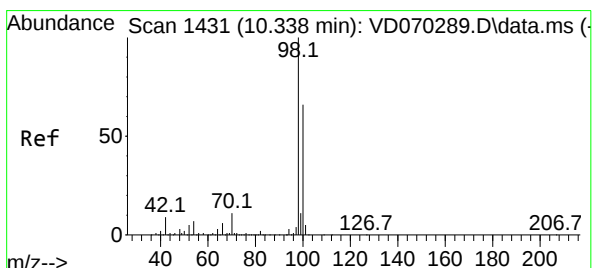
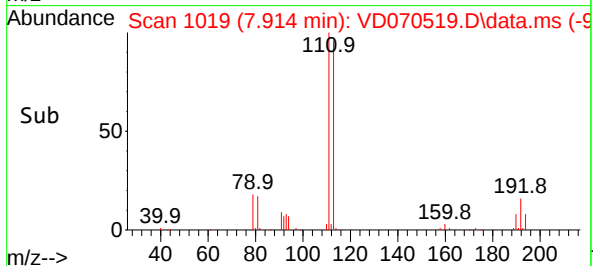
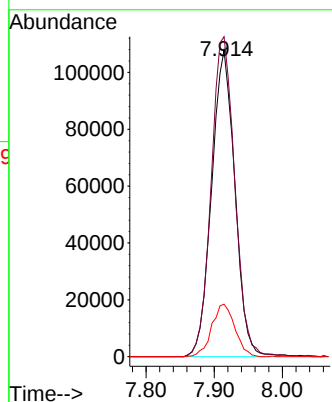
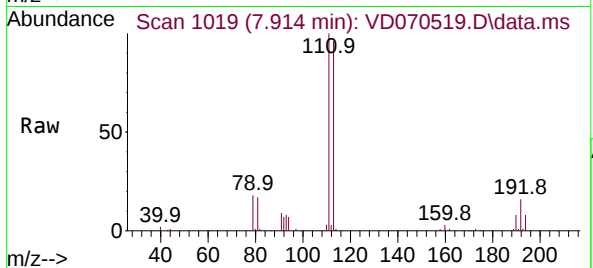
Tgt Ion:113 Resp: 256127

Ion Ratio Lower Upper

113 100

111 105.9 81.4 122.2

192 17.0 13.0 19.6



#50

Toluene-d8

Concen: 50.346 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070519.D

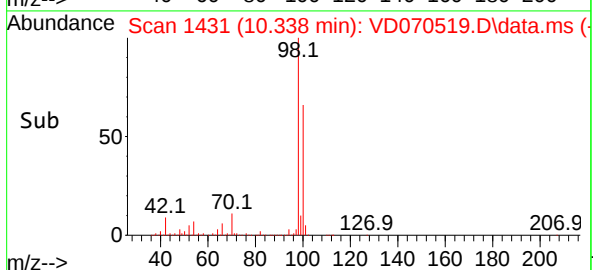
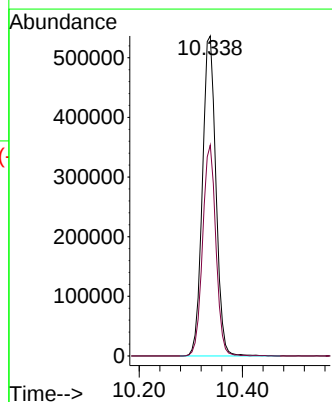
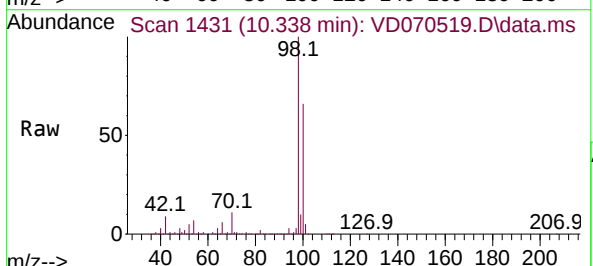
Acq: 29 Sep 2021 13:27

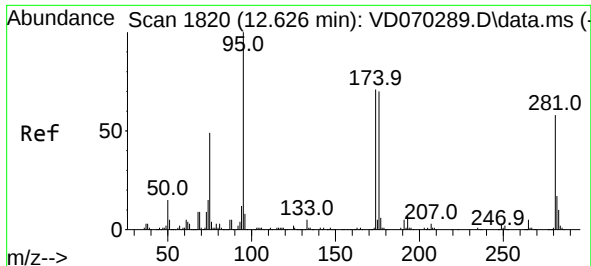
Tgt Ion: 98 Resp: 970670

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

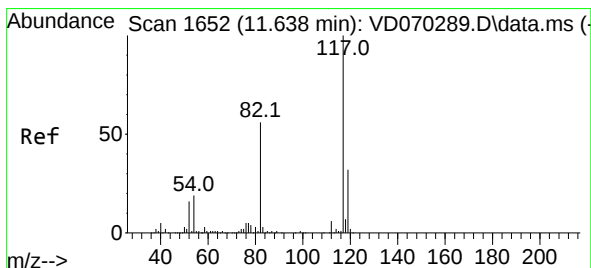
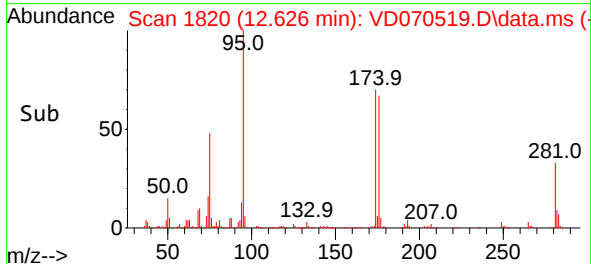
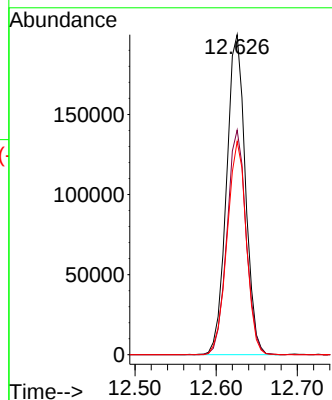
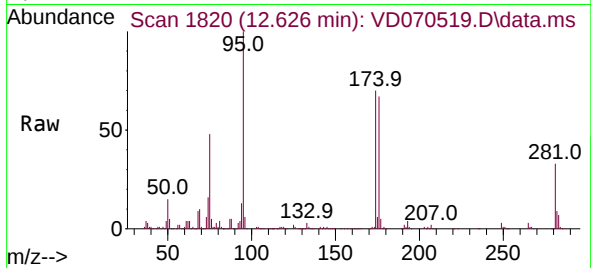




#62
4-Bromofluorobenzene
Concen: 47.837 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

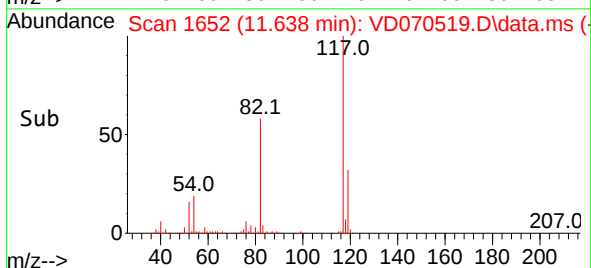
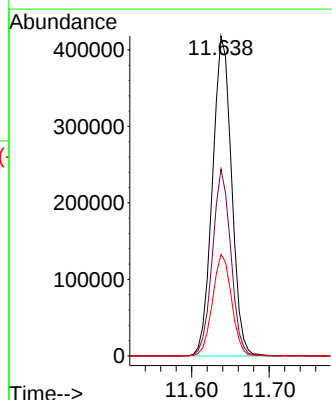
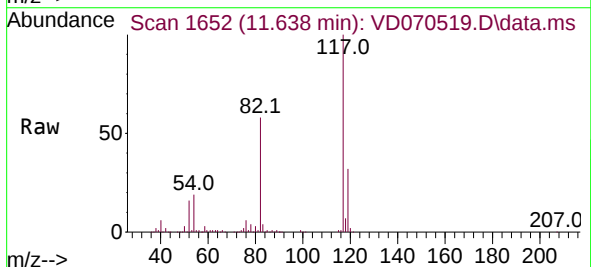
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

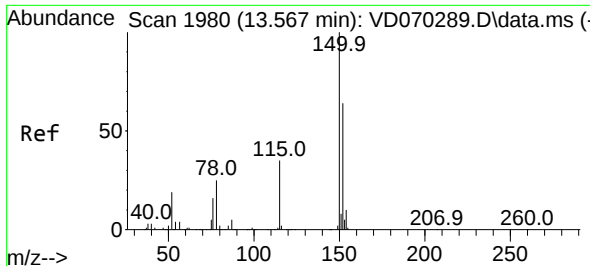
Tgt Ion: 95 Resp: 322331
Ion Ratio Lower Upper
95 100
174 71.1 0.0 140.6
176 67.7 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion: 117 Resp: 716291
Ion Ratio Lower Upper
117 100
82 58.4 45.0 67.4
119 31.7 25.2 37.8

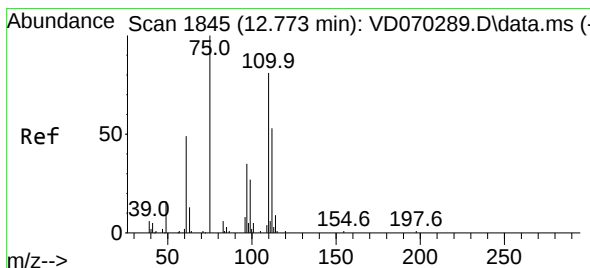
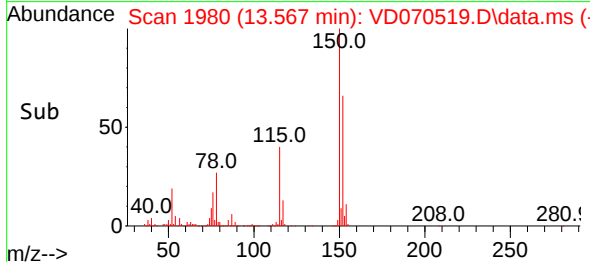
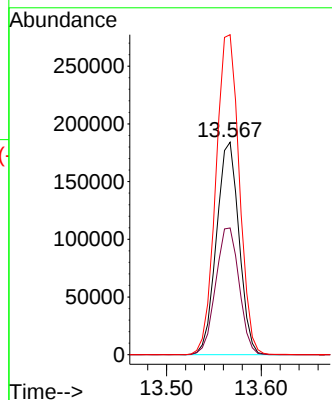
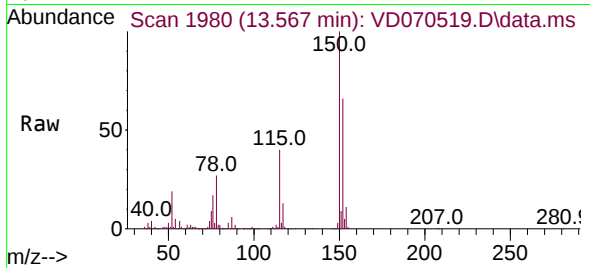




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

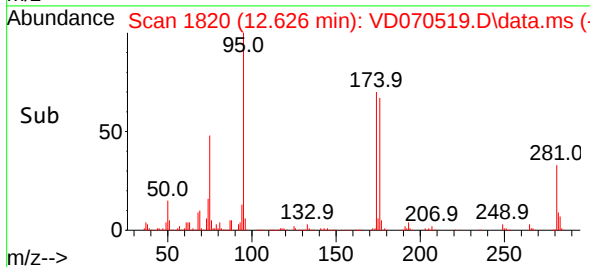
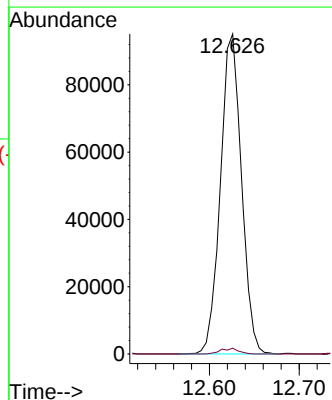
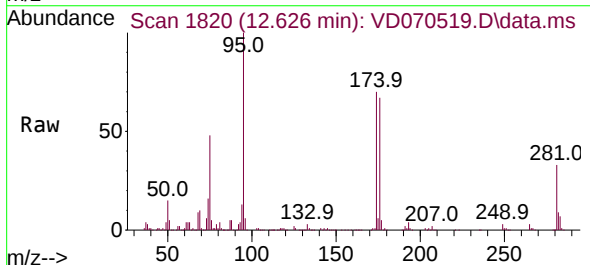
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

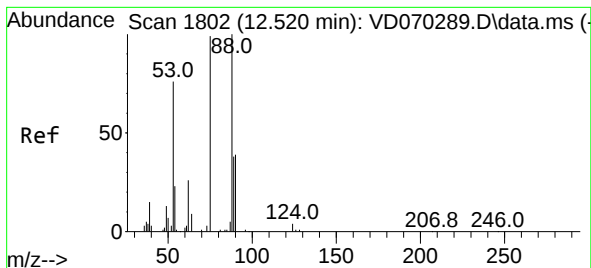
Tgt Ion:152 Resp: 304712
Ion Ratio Lower Upper
152 100
115 62.1 32.1 96.3
150 156.3 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 50.288 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion: 75 Resp: 154998
Ion Ratio Lower Upper
75 100
77 1.5 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.001 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070519.D
 Acq: 29 Sep 2021 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-05(6-8)

Tgt Ion: 75 Resp: 154998
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.2 96.2#
 89 0.0 35.6 53.4#

