

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070521.D
 Acq On : 29 Sep 2021 14:23
 Operator : VA/SY
 Sample : M3938-03
 Misc : 6.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-05(6-2.6)

Quant Time: Sep 30 00:45:08 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)

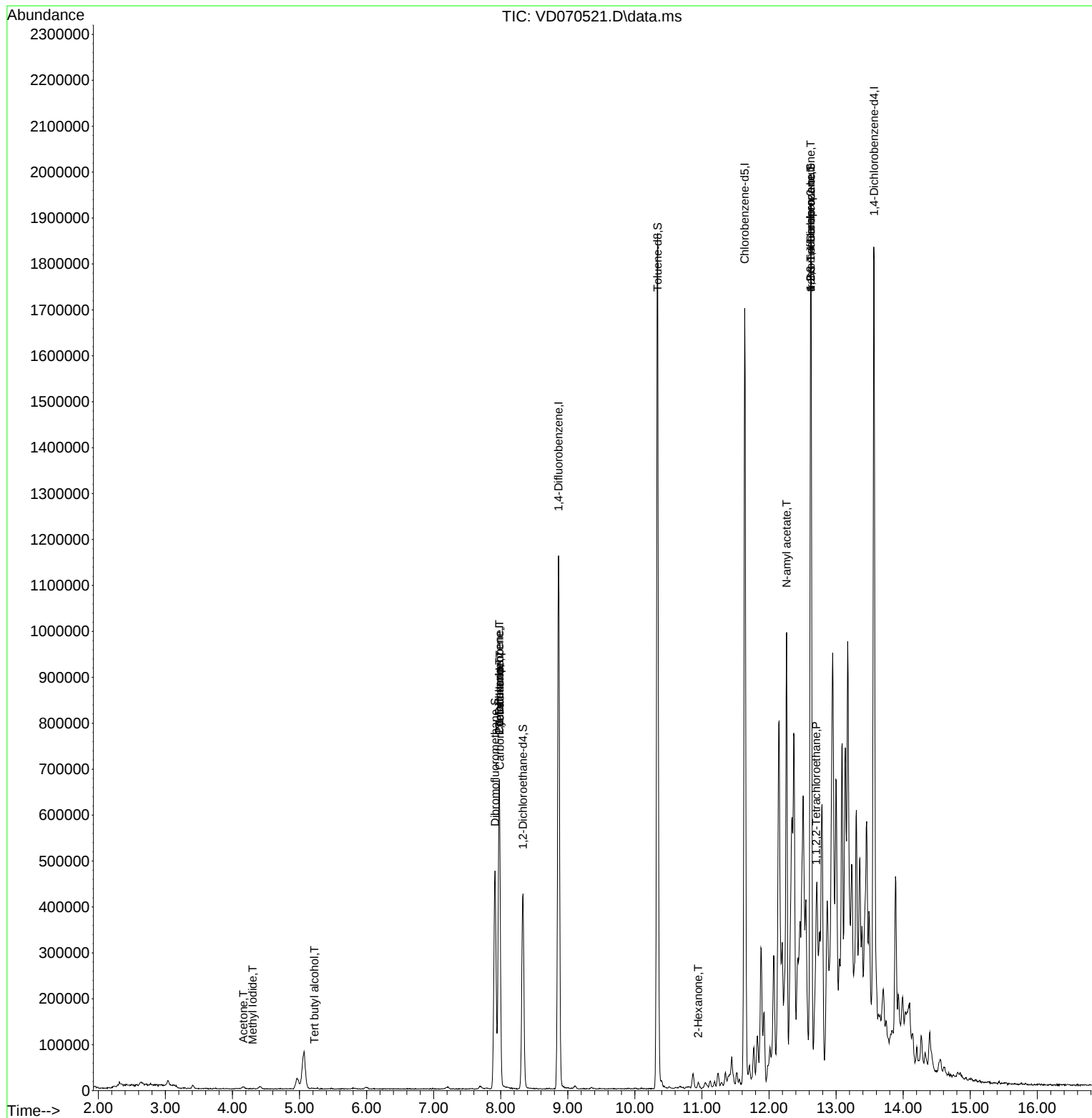
Internal Standards						
1) Pentafluorobenzene	7.979	168	464931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1002170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1010877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	460381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	338665	56.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.460%
35) Dibromofluoromethane	7.914	113	351331	49.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.338	98	1310729	50.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.620	95	515986	57.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	862	Below Cal		91
3) Chloromethane	2.203	50	1084	Below Cal	#	42
5) Bromomethane	2.785	94	1679	Below Cal		96
6) Chloroethane	2.926	64	527	Below Cal	#	43
10) Methyl Iodide	4.303	142	527	1.119	ug/l #	62
11) Tert butyl alcohol	5.220	59	719	1.065	ug/l #	100
16) Acetone	4.162	43	7663	7.190	ug/l #	78
18) Methyl Acetate	4.532	43	67	Below Cal	#	48
20) Methylene Chloride	4.962	84	18349	Below Cal		95
31) Cyclohexane	7.979	56	11433	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	40317	3.764	ug/l #	49
38) Carbon Tetrachloride	7.985	117	51915	4.900	ug/l #	18
59) 2-Hexanone	10.944	43	5109	1.998	ug/l #	20
74) N-amyl acetate	12.261	43	171035	24.313	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.702	83	24719	3.575	ug/l #	28
76) 1,2,3-Trichloropropane	12.620	75	243440	52.276	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	243440	130.983	ug/l #	19

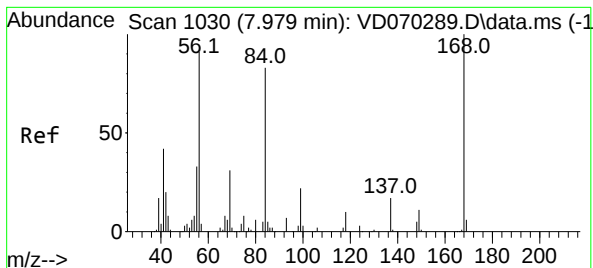
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD070521.D

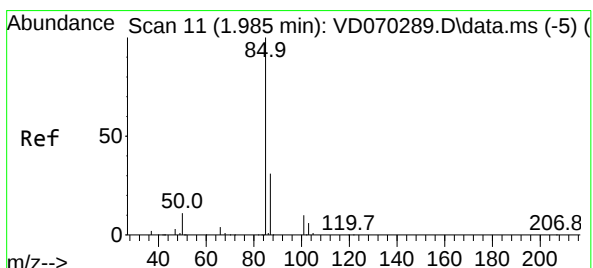
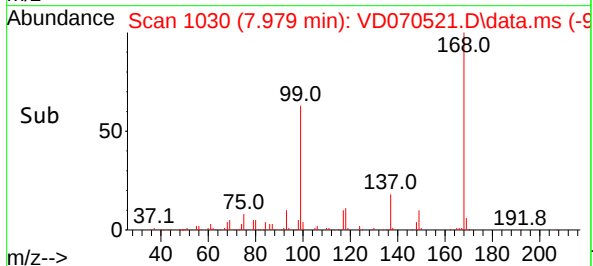
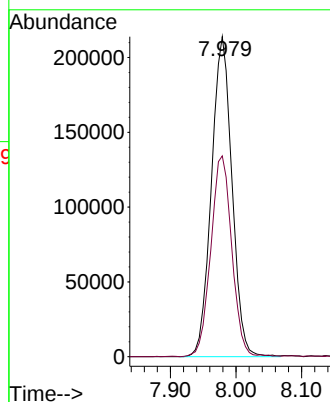
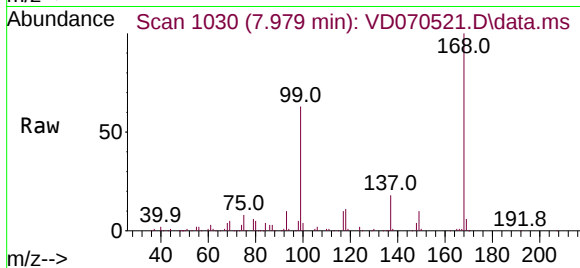
Acq: 29 Sep 2021 14:23

Tgt Ion:168 Resp: 464931

Ion Ratio Lower Upper

168 100

99 62.7 50.8 76.2



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD070521.D

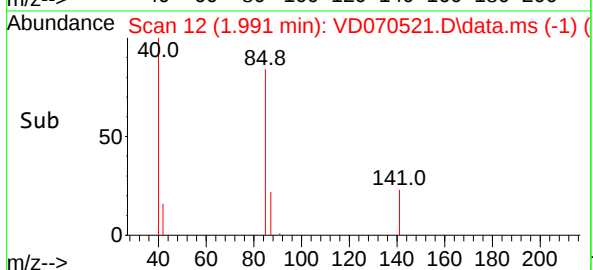
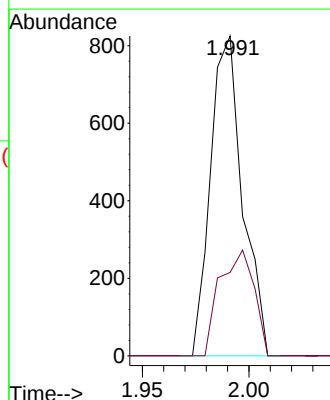
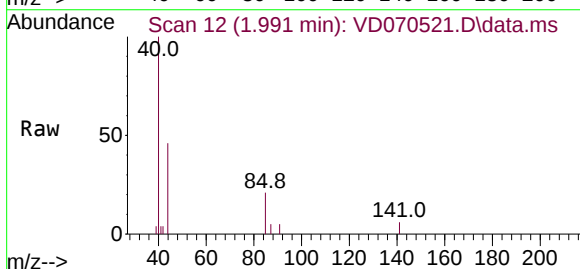
Acq: 29 Sep 2021 14:23

Tgt Ion: 85 Resp: 862

Ion Ratio Lower Upper

85 100

87 26.1 15.6 46.8

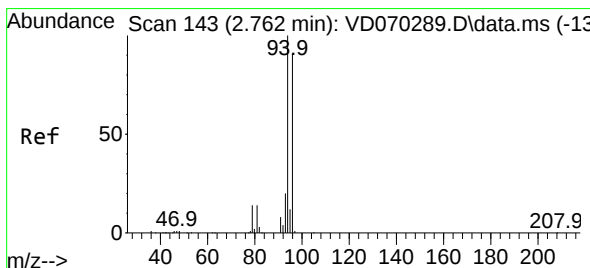
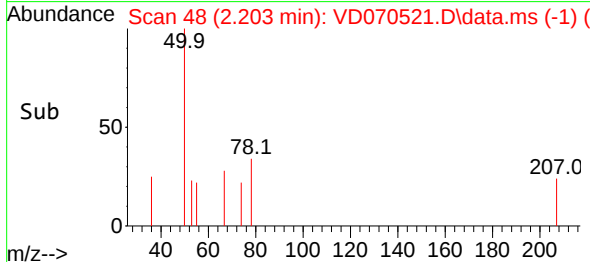
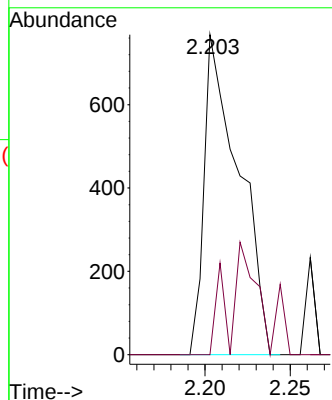
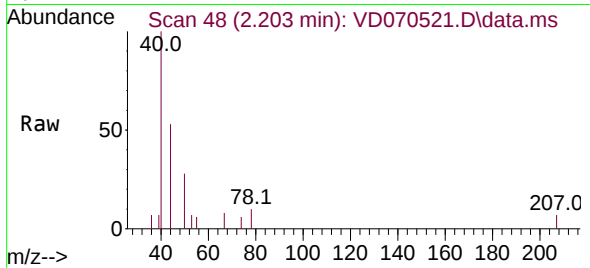




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

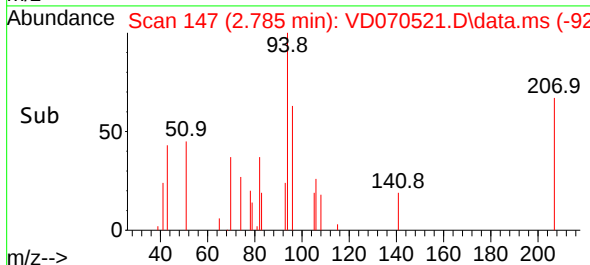
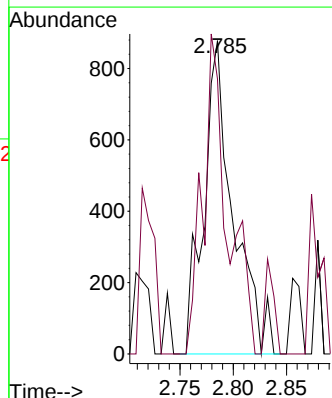
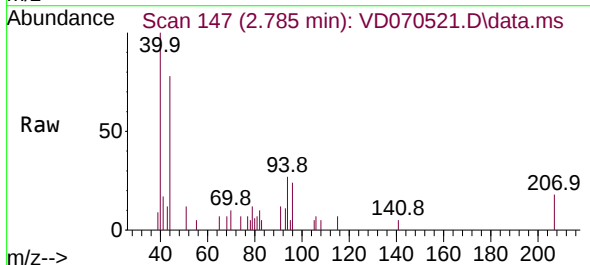
Instrument :
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SUB-SLAB-05(6-2.6)

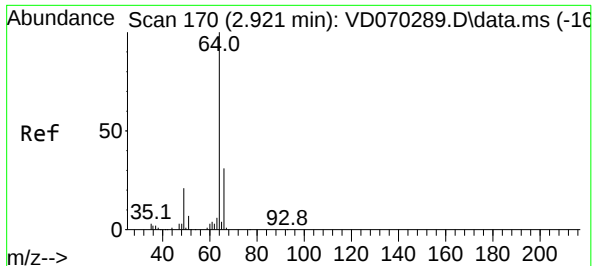
Tgt Ion: 50 Resp: 1084
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 94 Resp: 1679
Ion Ratio Lower Upper
94 100
96 87.8 73.0 109.6

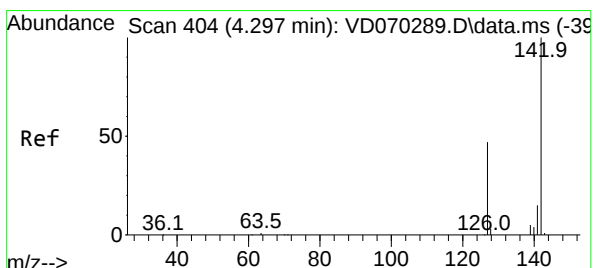
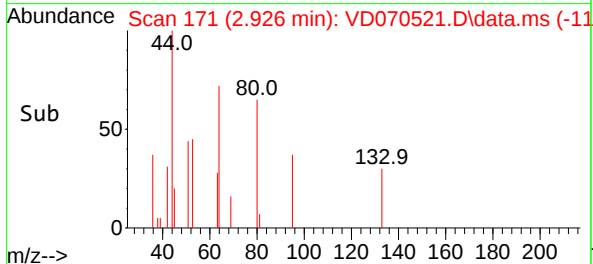
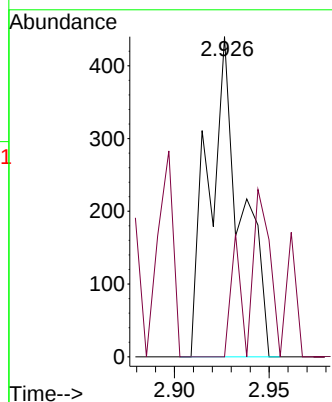
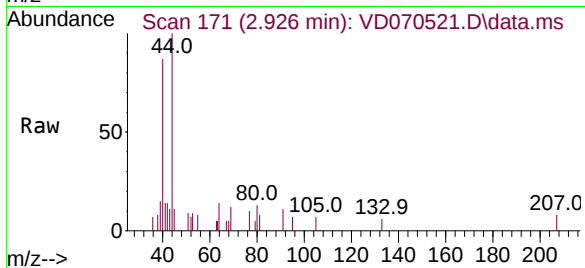




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

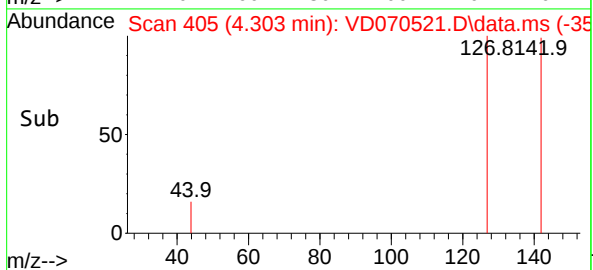
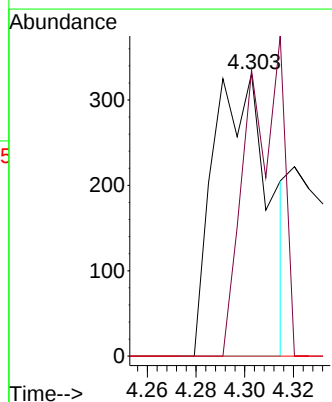
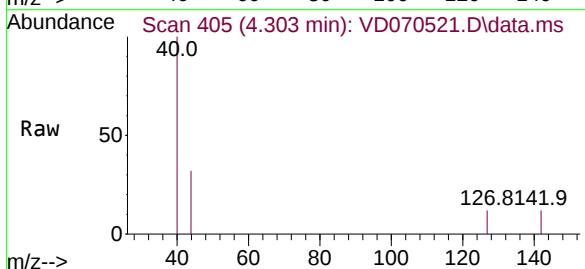
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

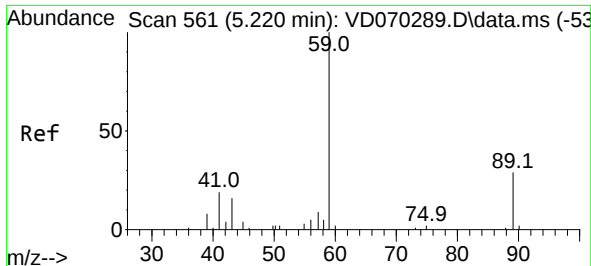
Tgt Ion: 64 Resp: 527
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.119 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 142 Resp: 527
Ion Ratio Lower Upper
142 100
127 71.7 36.9 55.3#
141 0.0 11.8 17.6#

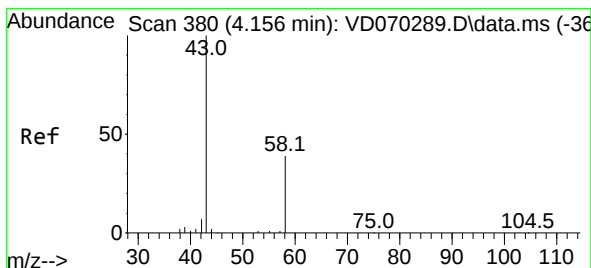
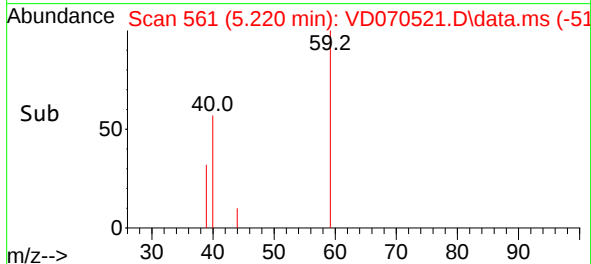
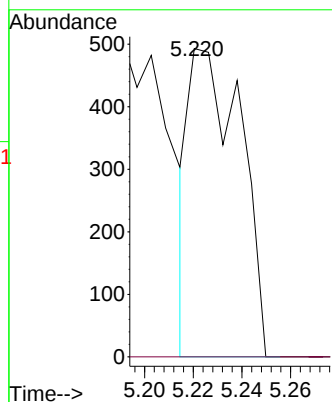
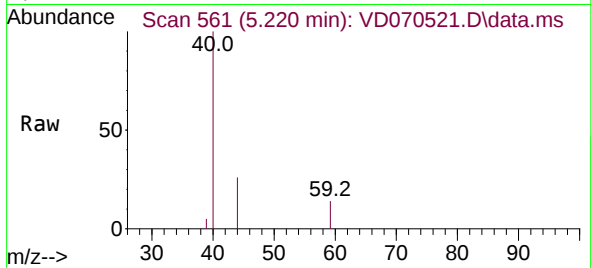




#11
Tert butyl alcohol
Concen: 1.065 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

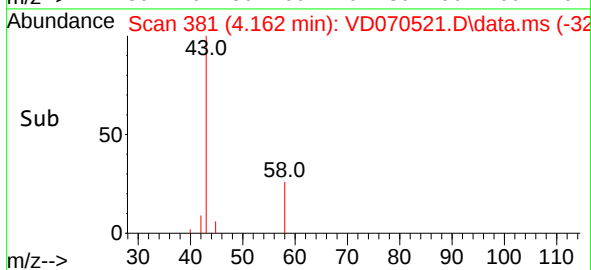
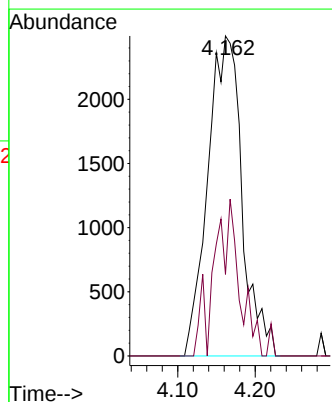
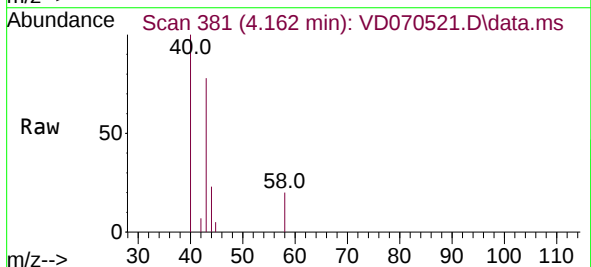
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

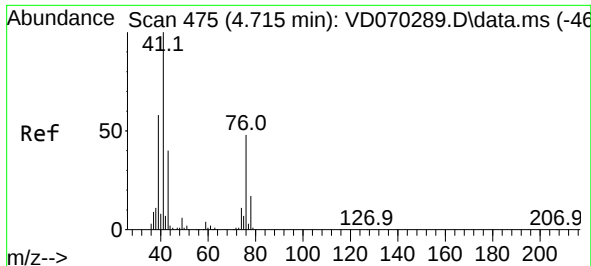
Tgt Ion: 59 Resp: 719
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 7.190 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

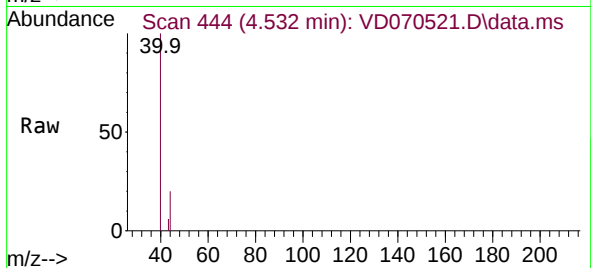
Tgt Ion: 43 Resp: 7663
Ion Ratio Lower Upper
43 100
58 25.5 30.9 46.3#



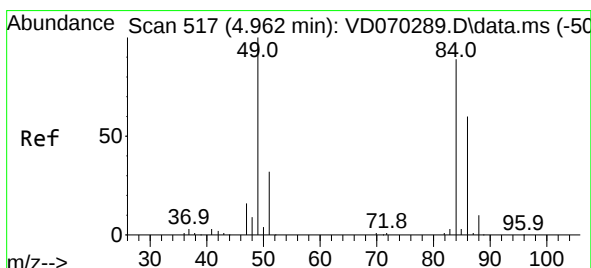
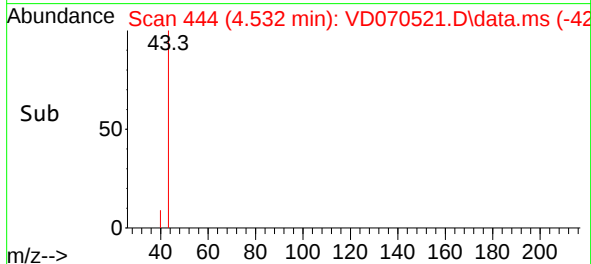
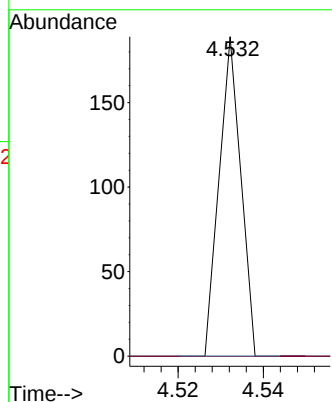


#18
Methyl Acetate
Concen: Below Cal
RT: 4.532 min Scan# 444
Delta R.T. -0.183 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

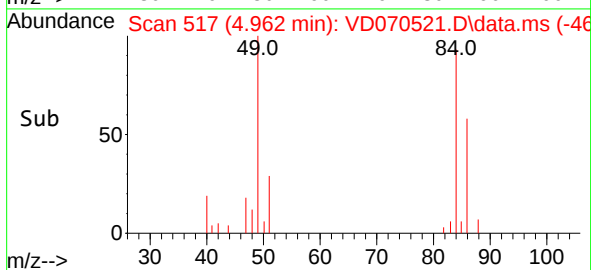
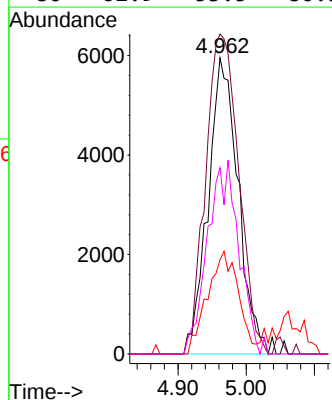
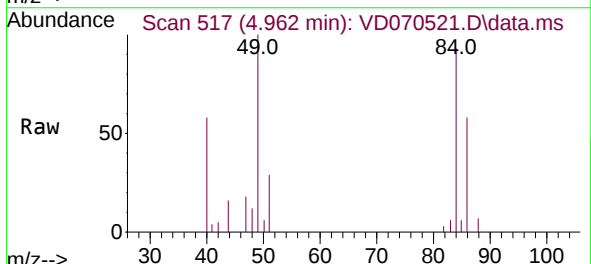


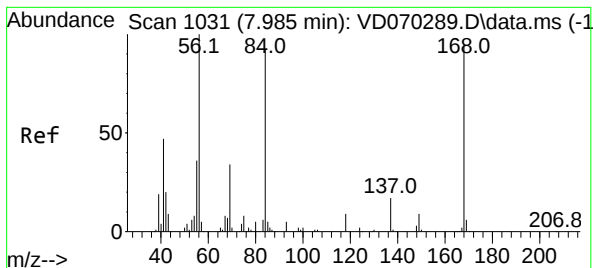
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 84 Resp: 18349
Ion Ratio Lower Upper
84 100
49 108.1 89.6 134.4
51 31.8 28.6 43.0
86 62.9 53.5 80.3





#31

Cyclohexane

Concen: 1.112 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070521.D

Acq: 29 Sep 2021 14:23

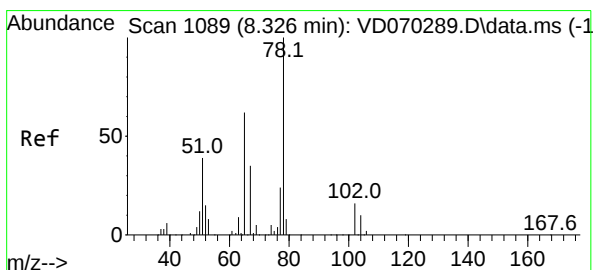
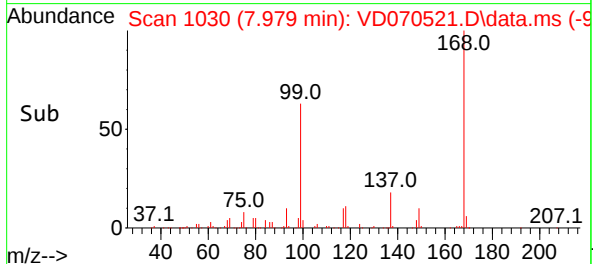
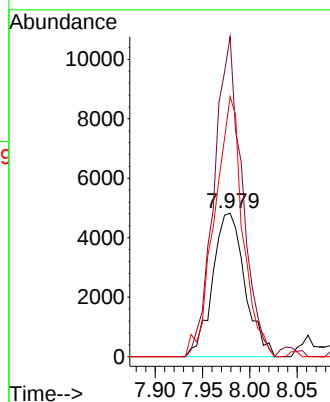
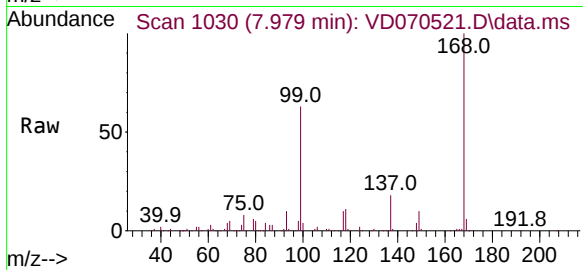
Instrument :

MSVOA_D

ClientSampleId :

SUB-SLAB-05(6-2.6)

Tgt Ion:	56	Resp:	11433
Ion	Ratio	Lower	Upper
56	100		
69	223.0	26.9	40.3#
84	181.2	73.6	110.4#



#33

1,2-Dichloroethane-d4

Concen: 56.730 ug/l

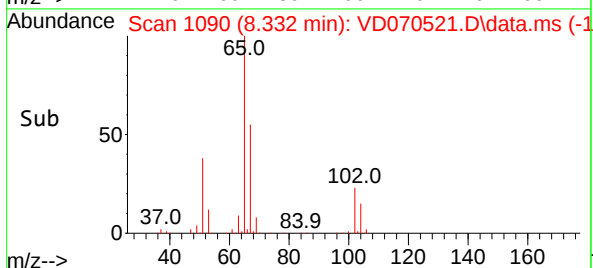
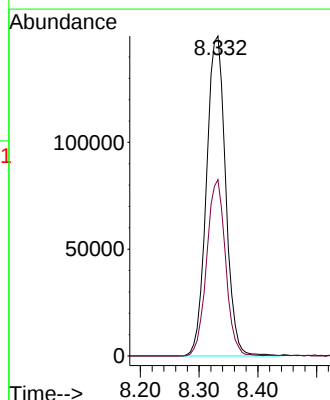
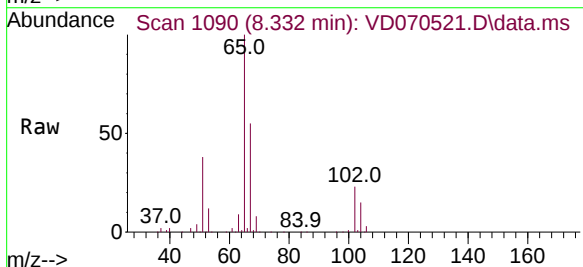
RT: 8.332 min Scan# 1090

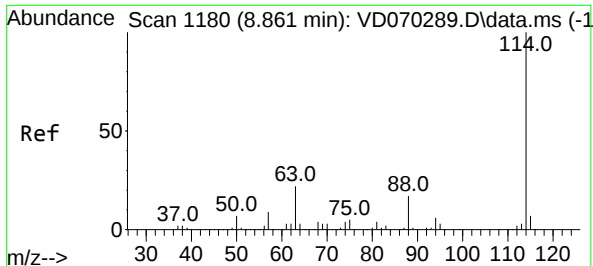
Delta R.T. 0.006 min

Lab File: VD070521.D

Acq: 29 Sep 2021 14:23

Tgt Ion:	65	Resp:	338665
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.4

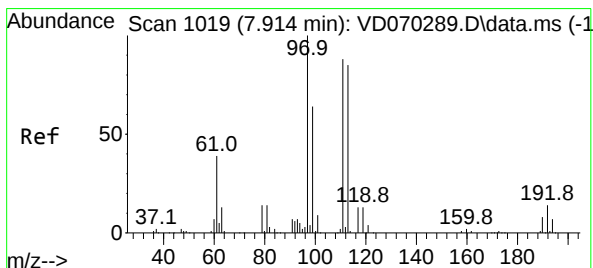
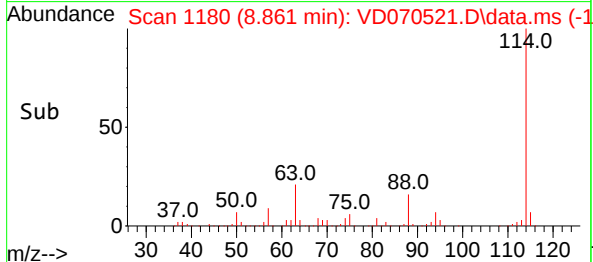
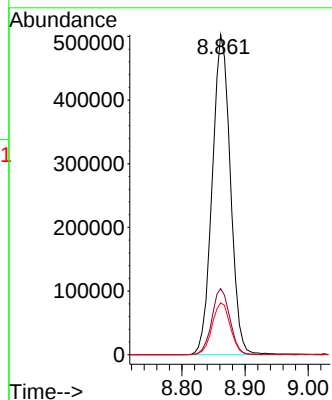
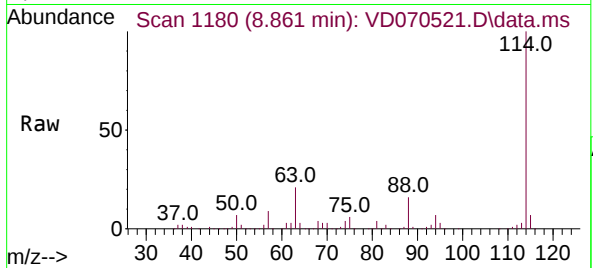




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

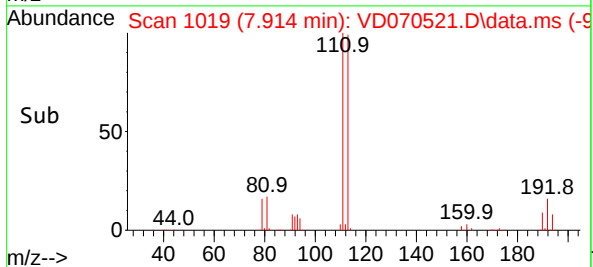
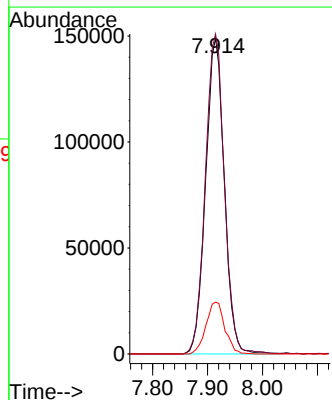
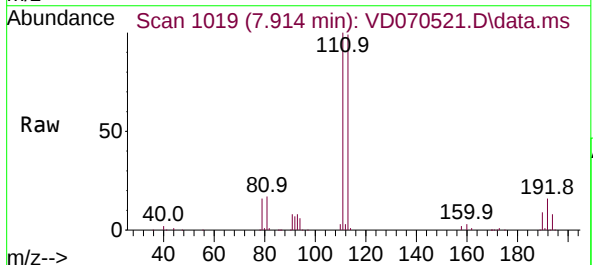
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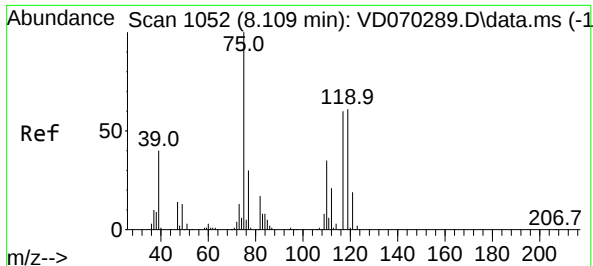
Tgt Ion:114 Resp: 1002170
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.250 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion:113 Resp: 351331
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 16.6 13.0 19.6

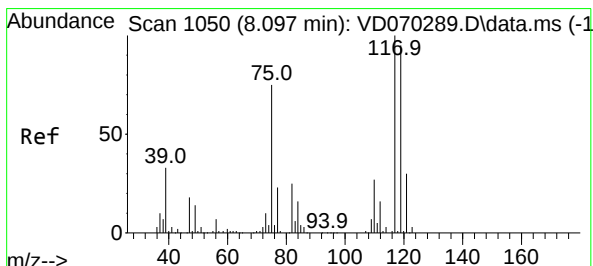
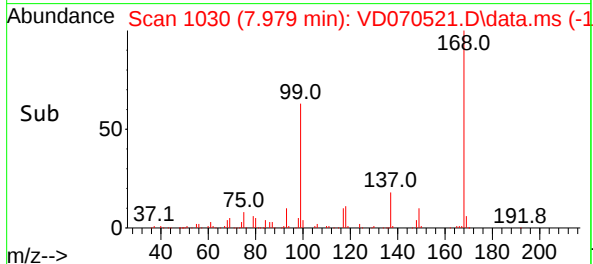
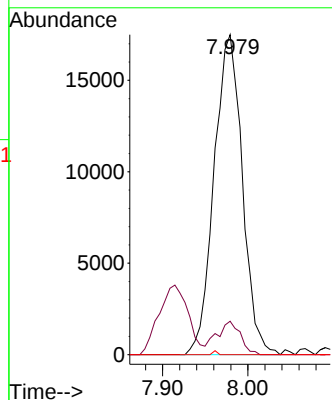
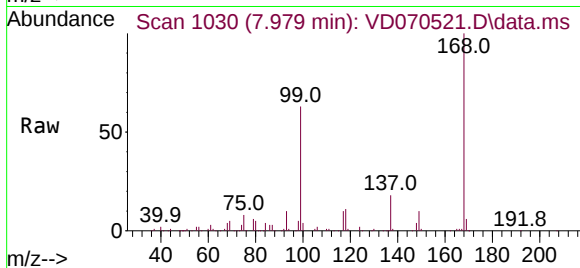




#36
1,1-Dichloropropene
Concen: 3.764 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

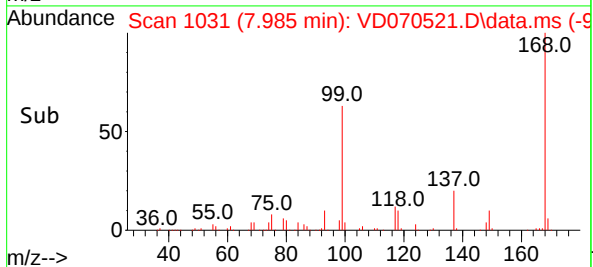
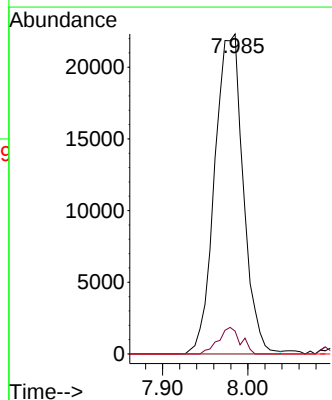
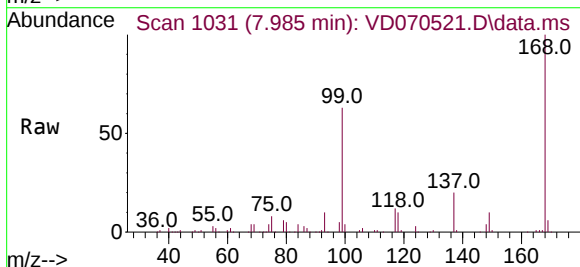
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

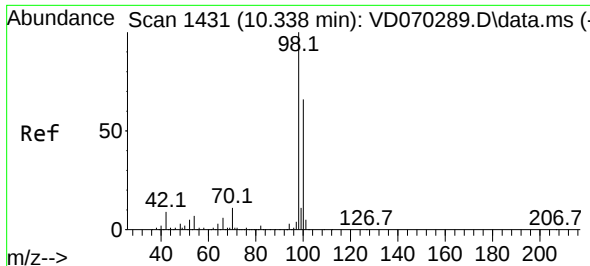
Tgt Ion: 75 Resp: 40317
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.7#
77 0.2 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.900 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 117 Resp: 51915
Ion Ratio Lower Upper
117 100
119 7.1 76.1 114.1#
121 0.0 23.8 35.6#

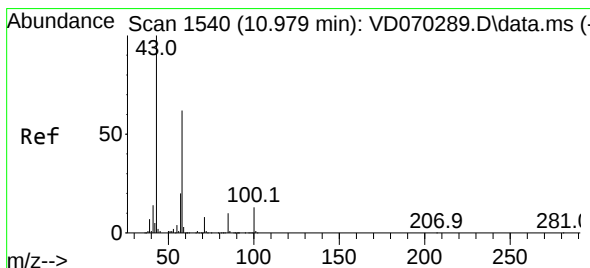
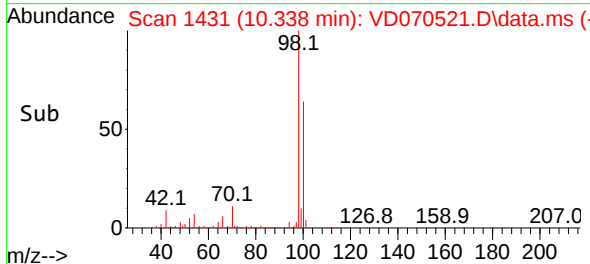
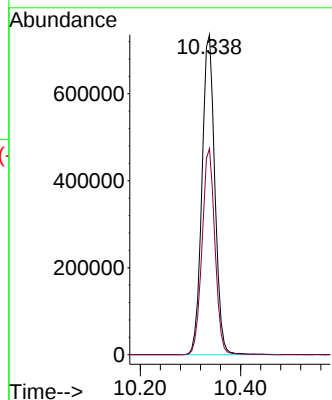
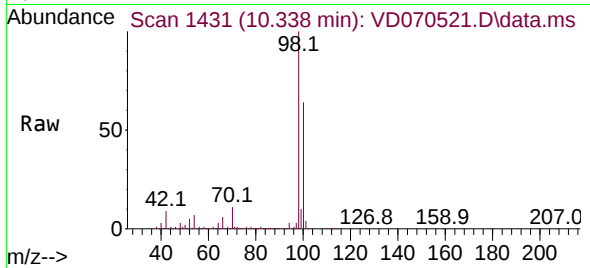




#50
Toluene-d8
Concen: 50.607 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

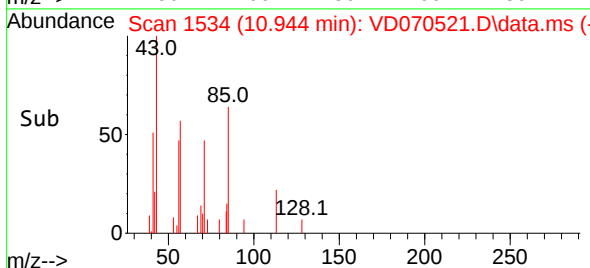
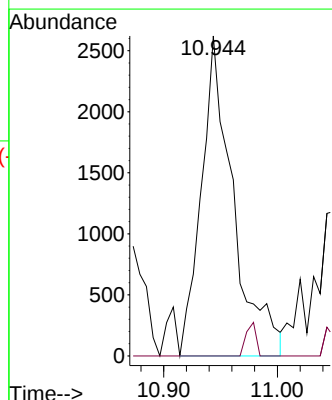
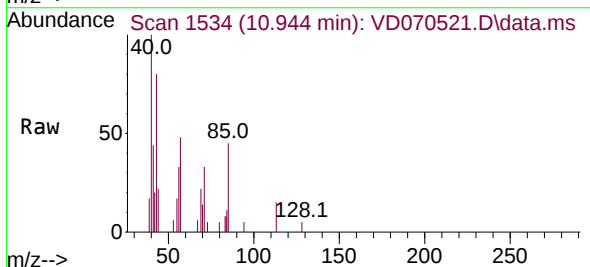
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

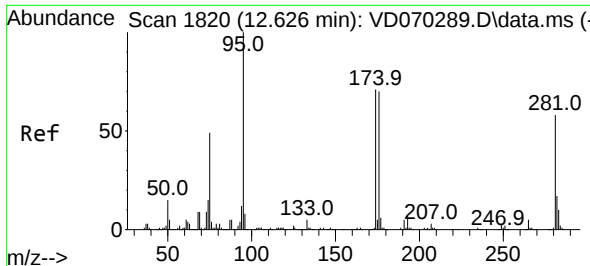
Tgt Ion: 98 Resp: 1310729
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#59
2-Hexanone
Concen: 1.998 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 43 Resp: 5109
Ion Ratio Lower Upper
43 100
58 0.0 30.6 91.6#

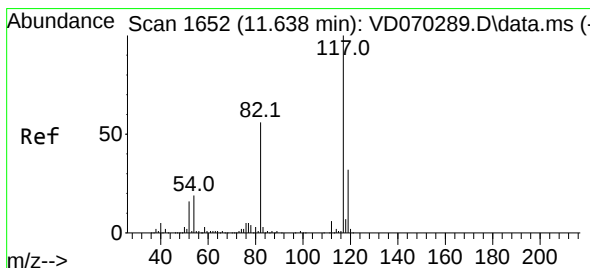
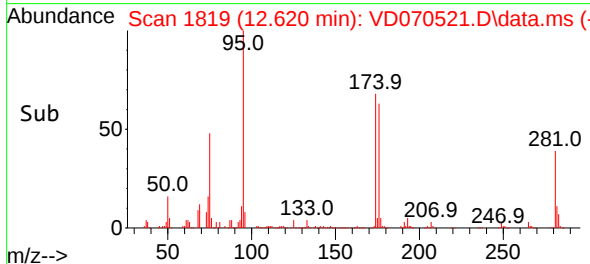
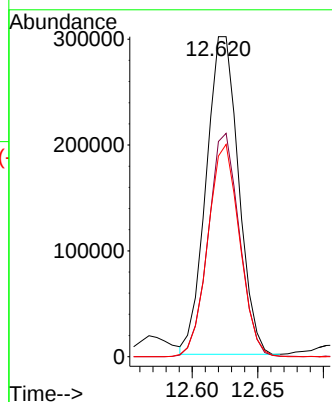
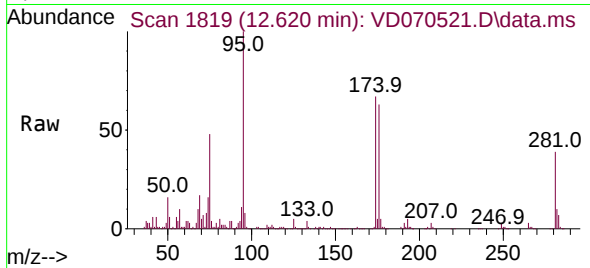




#62
4-Bromofluorobenzene
Concen: 57.004 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

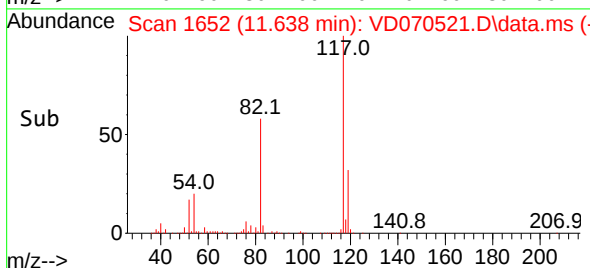
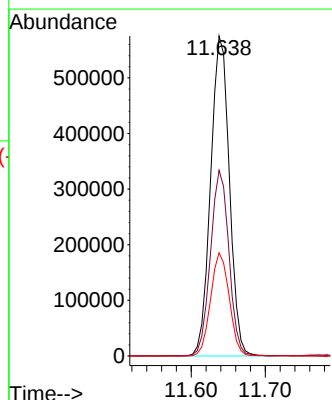
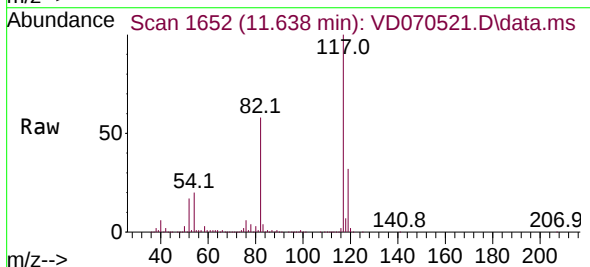
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

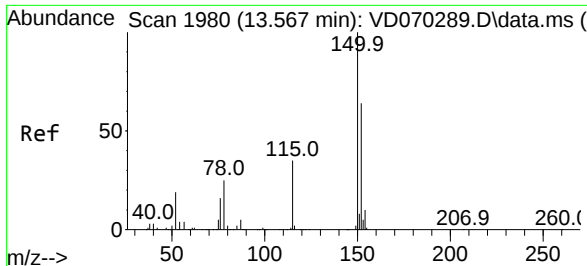
Tgt Ion: 95 Resp: 515986
Ion Ratio Lower Upper
95 100
174 67.9 0.0 140.6
176 65.5 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

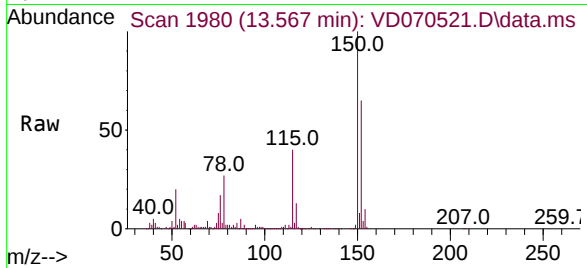
Tgt Ion:117 Resp: 1010877
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.2 25.2 37.8



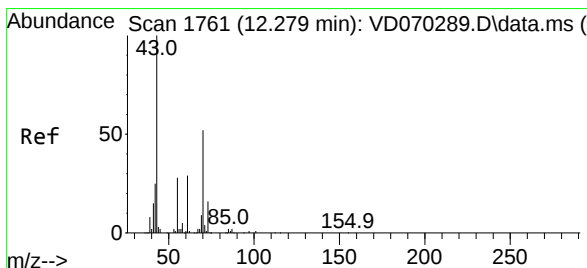
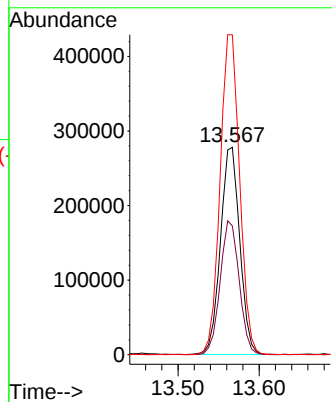
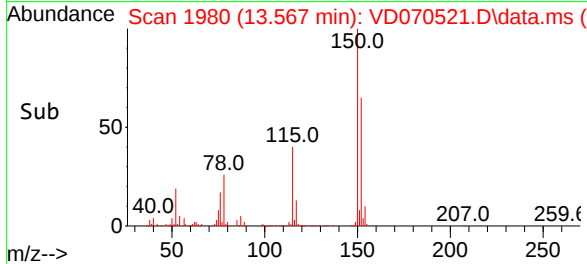


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

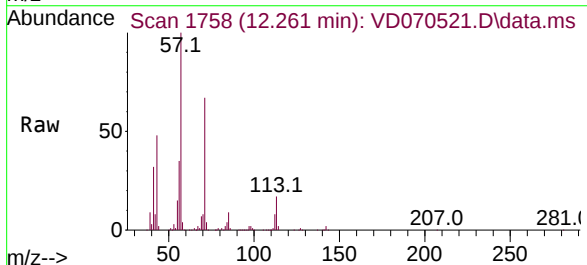
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)



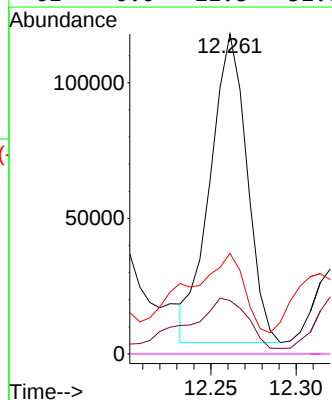
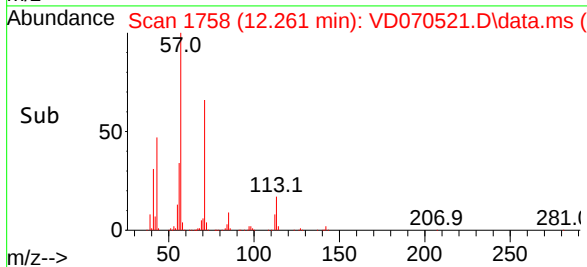
Tgt Ion:152 Resp: 460381
Ion Ratio Lower Upper
152 100
115 63.6 32.1 96.3
150 156.2 0.0 350.6

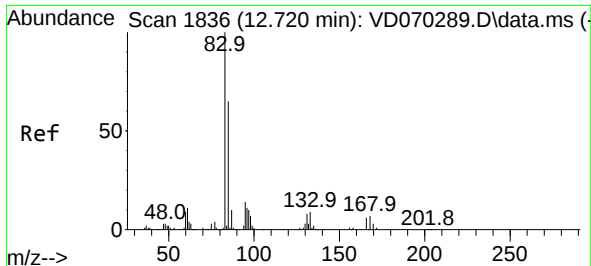


#74
N-ethyl acetate
Concen: 24.313 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23



Tgt Ion: 43 Resp: 171035
Ion Ratio Lower Upper
43 100
70 25.7 41.4 62.0#
55 39.6 22.8 34.2#
61 0.0 21.8 32.6#

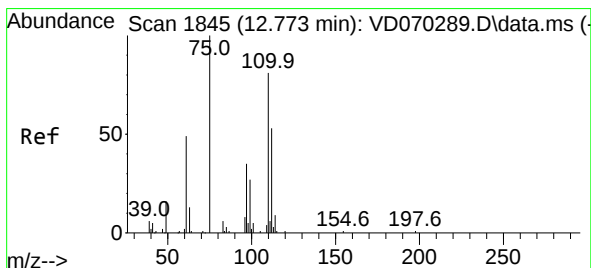
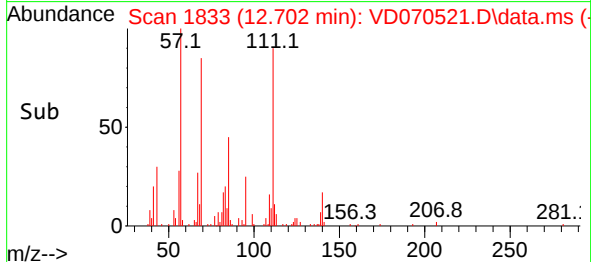
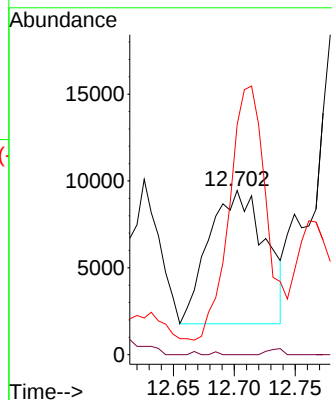
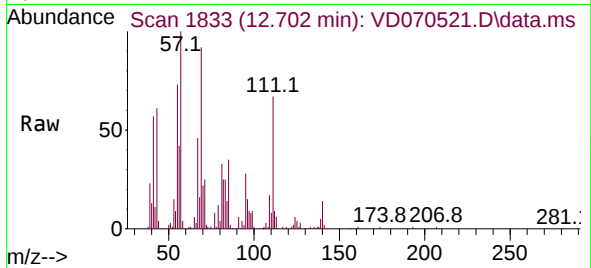




#75
1,1,2,2-Tetrachloroethane
Concen: 3.575 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

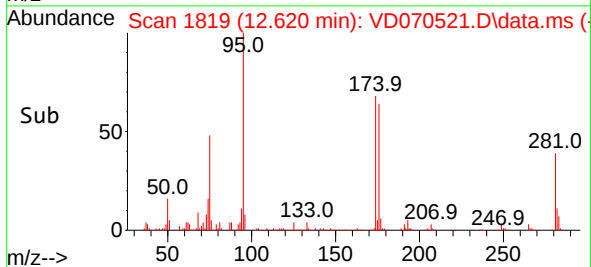
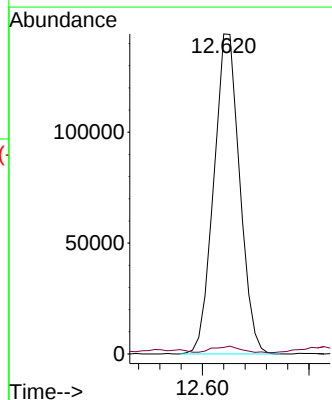
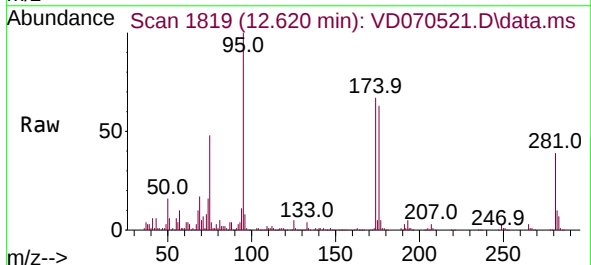
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

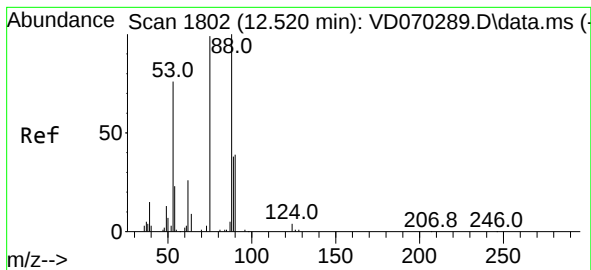
Tgt Ion: 83 Resp: 24719
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 125.7 32.1 96.3#



#76
1,2,3-Trichloropropane
Concen: 52.276 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

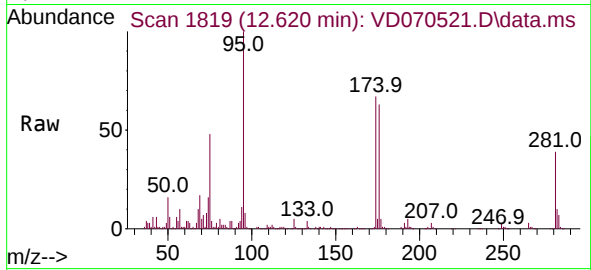
Tgt Ion: 75 Resp: 243440
Ion Ratio Lower Upper
75 100
77 2.2 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.983 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD070521.D
 Acq: 29 Sep 2021 14:23

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-05(6-2.6)



Tgt Ion: 75 Resp: 243440
 Ion Ratio Lower Upper
 75 100
 53 1.8 64.2 96.2#
 89 0.8 35.6 53.4#

