

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070504.D
 Acq On : 28 Sep 2021 15:59
 Operator : VA/SY
 Sample : M3922-03RE
 Misc : 6.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-02-(5-7)

Quant Time: Sep 28 23:43:16 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)

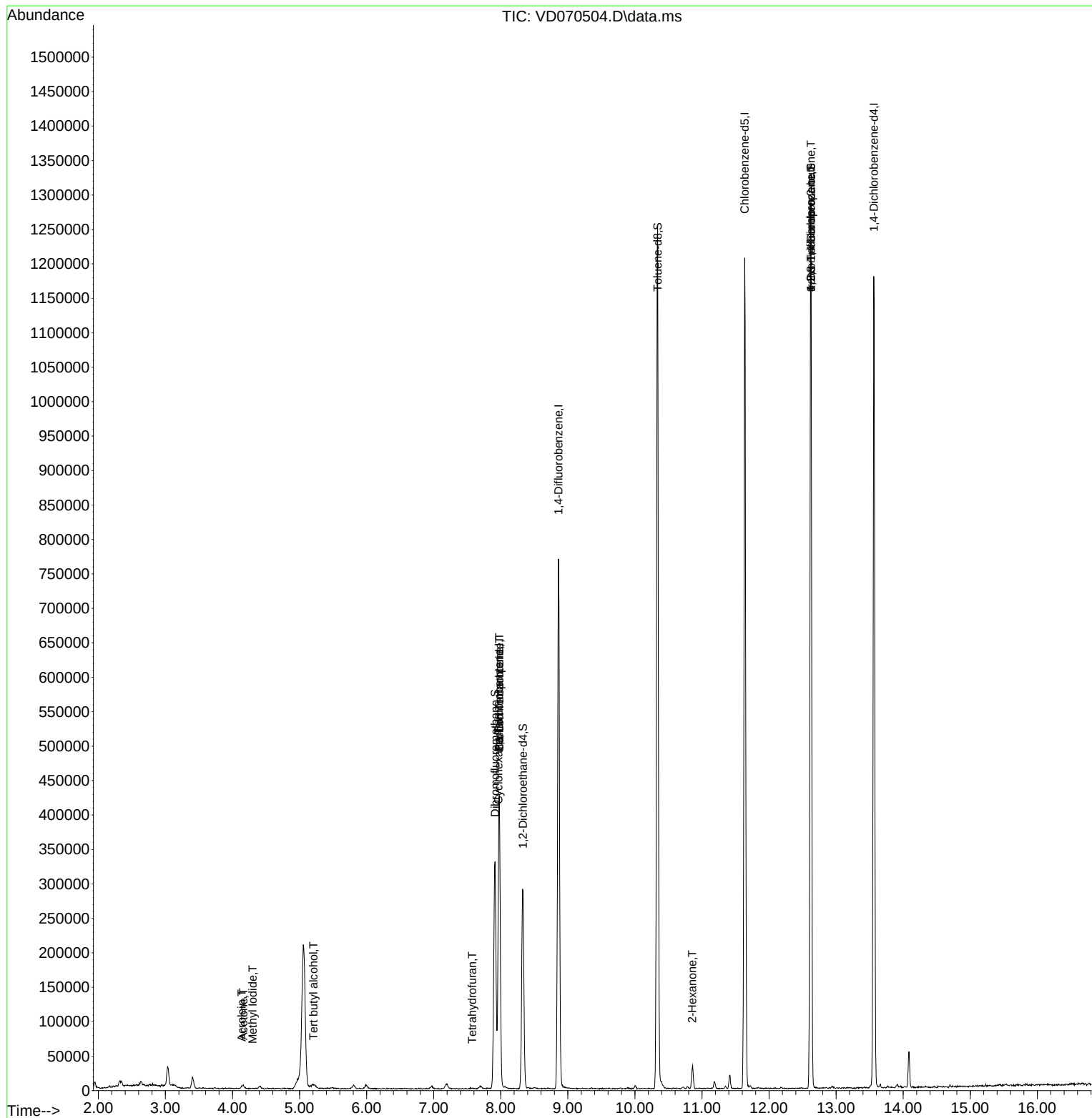
Internal Standards						
1) Pentafluorobenzene	7.973	168	304027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	662028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	718187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	316345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	234791	60.145	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.280%			
35) Dibromofluoromethane	7.914	113	248295	52.690	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.380%			
50) Toluene-d8	10.338	98	893675	52.232	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.460%			
62) 4-Bromofluorobenzene	12.626	95	329007	55.022	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	106	Below Cal	#	43
3) Chloromethane	2.203	50	127	Below Cal	#	39
5) Bromomethane	2.750	94	61	Below Cal	#	4
6) Chloroethane	2.891	64	97	Below Cal	#	43
10) Methyl Iodide	4.303	142	152	1.069	ug/l #	39
11) Tert butyl alcohol	5.208	59	9976	22.601	ug/l #	100
13) Acrolein	4.138	56	196	1.010	ug/l #	16
16) Acetone	4.161	43	8011	11.494	ug/l	95
18) Methyl Acetate	4.732	43	185	Below Cal	#	48
20) Methylene Chloride	4.961	84	8612	Below Cal	#	71
29) Tetrahydrofuran	7.573	42	782	1.313	ug/l #	48
31) Cyclohexane	7.967	56	6763	1.006	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	26557	3.753	ug/l #	47
38) Carbon Tetrachloride	7.979	117	32939	4.707	ug/l #	18
59) 2-Hexanone	10.855	43	11535	6.829	ug/l #	21
76) 1,2,3-Trichloropropane	12.626	75	161046	50.329	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	161046	126.104	ug/l #	18

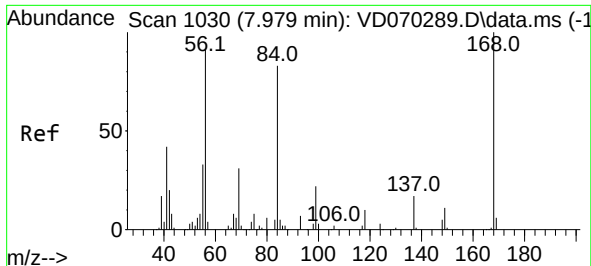
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUB-SLAB-02-(5-7)

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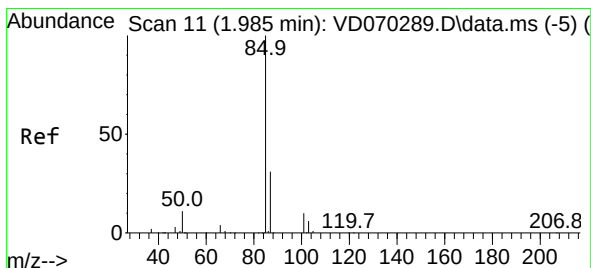
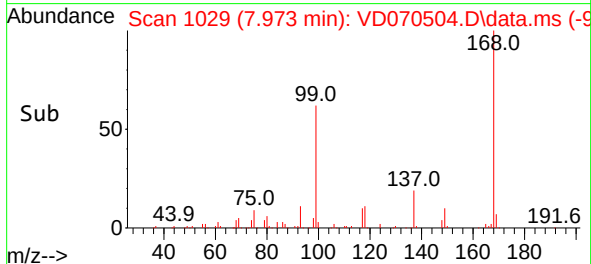
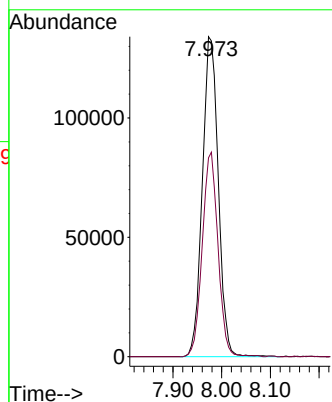
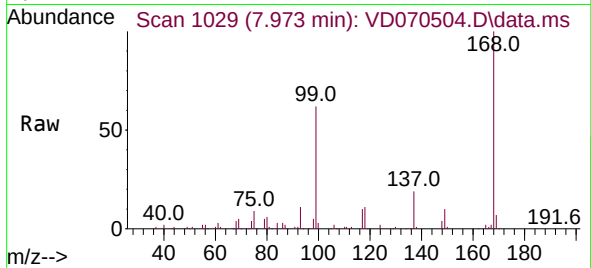




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

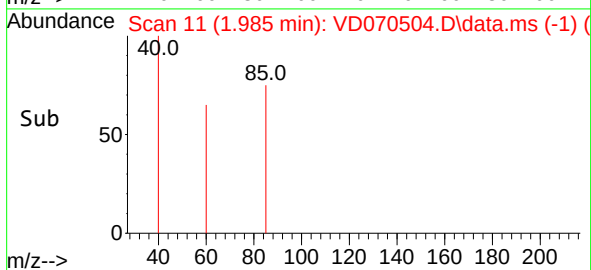
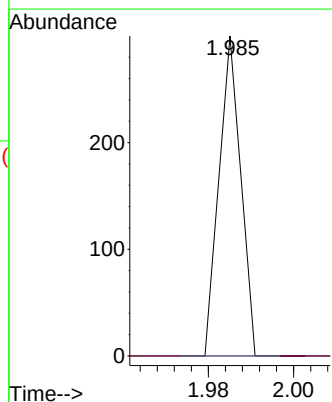
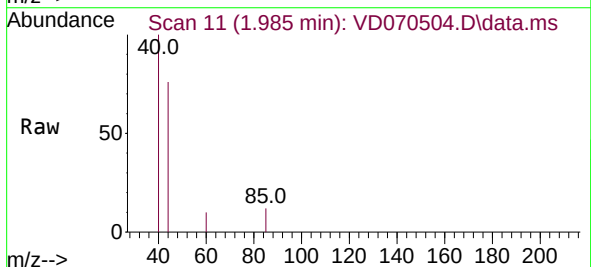
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-02-(5-7)

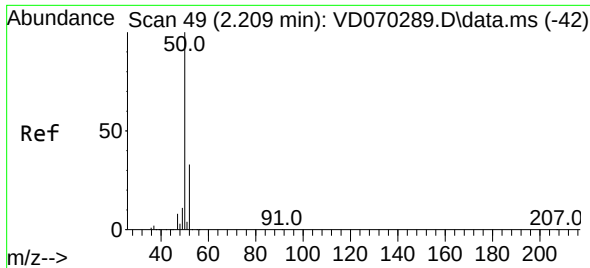
Tgt Ion:168 Resp: 304027
Ion Ratio Lower Upper
168 100
99 62.2 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion: 85 Resp: 106
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

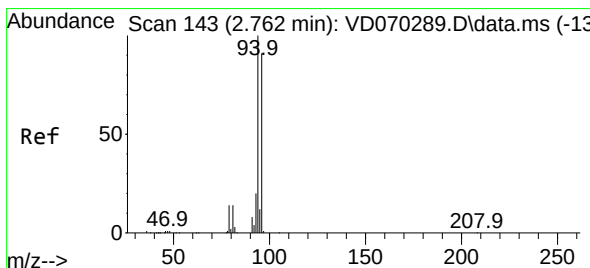
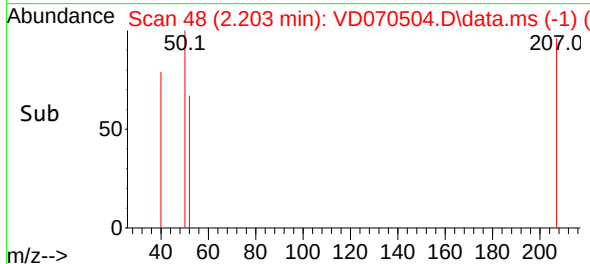
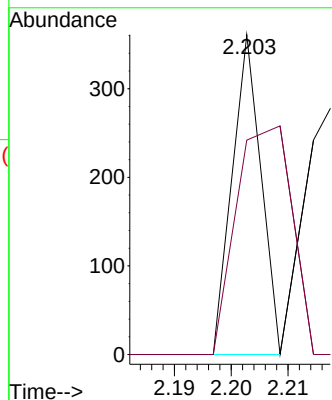
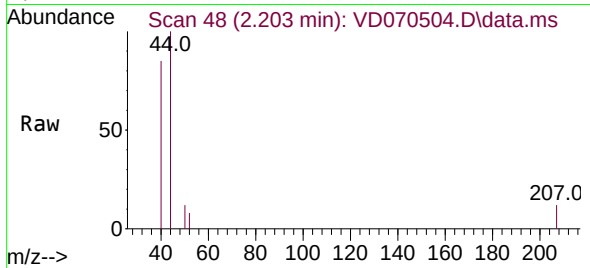




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

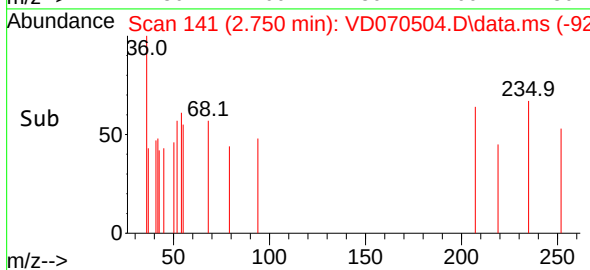
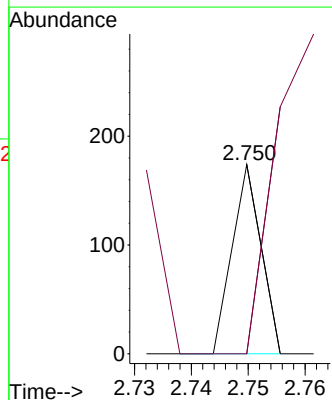
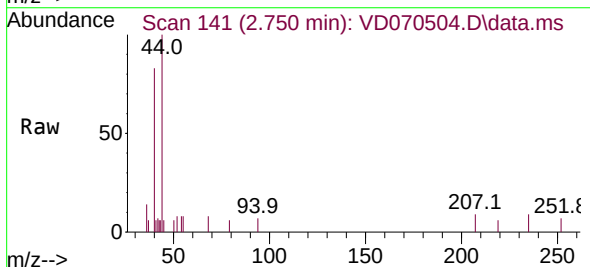
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-02-(5-7)

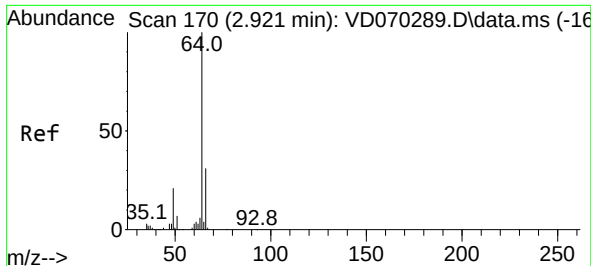
Tgt Ion: 50 Resp: 127
Ion Ratio Lower Upper
50 100
52 67.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 0.0 73.0 109.6#

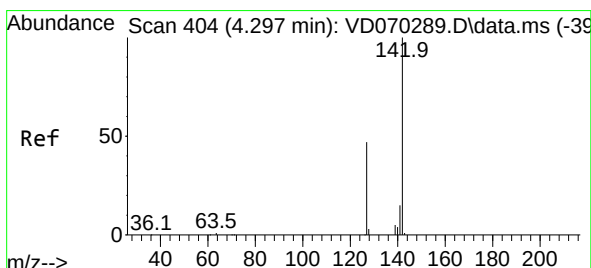
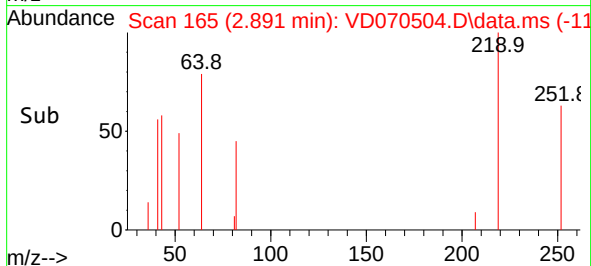
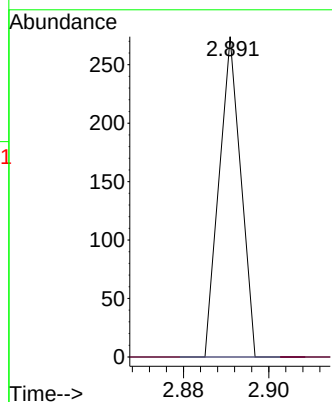
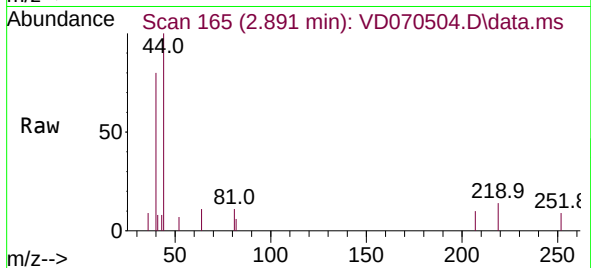




#6
Chloroethane
Concen: Below Cal
RT: 2.891 min Scan# 165
Delta R.T. -0.030 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

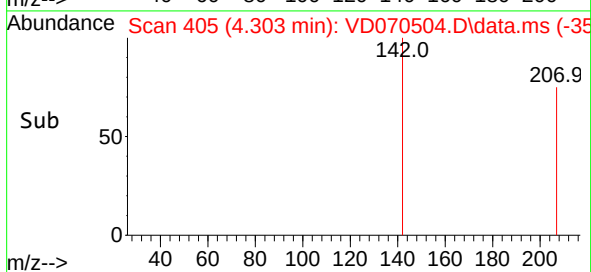
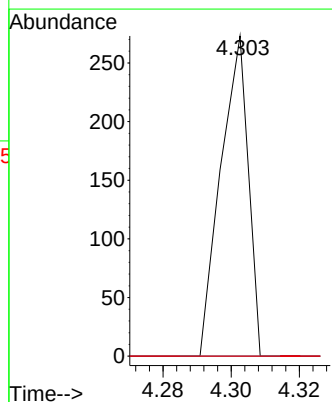
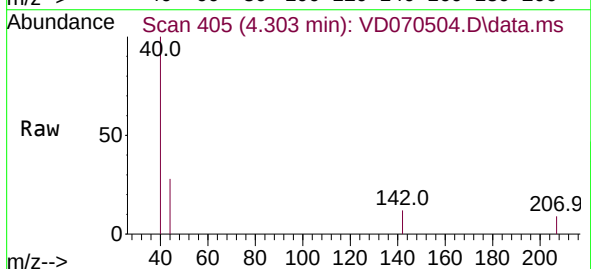
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-02-(5-7)

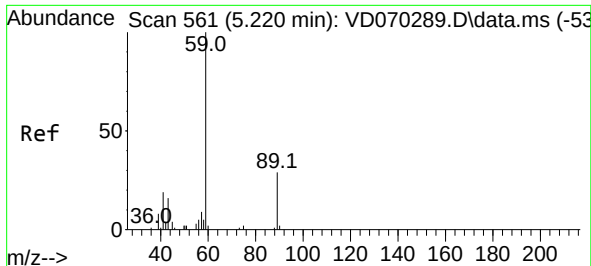
Tgt Ion: 64 Resp: 97
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.069 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion:142 Resp: 152
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

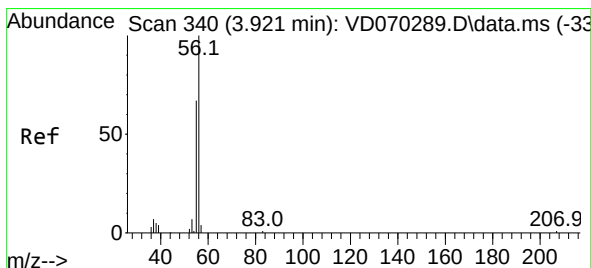
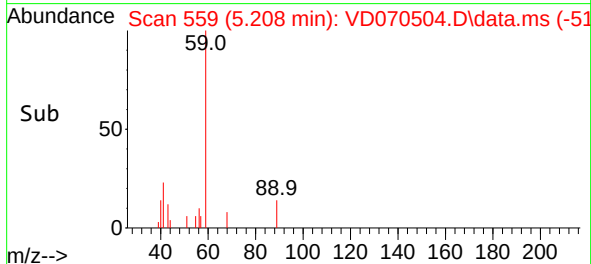
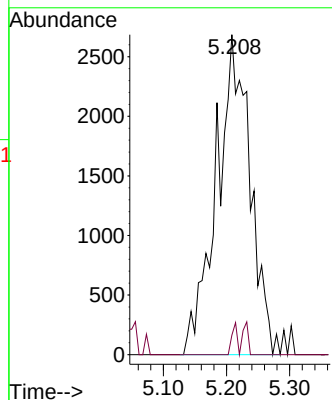
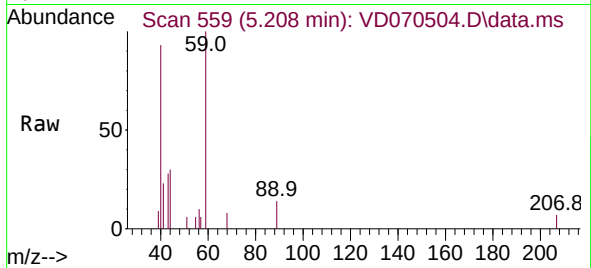




#11
Tert butyl alcohol
Concen: 22.601 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

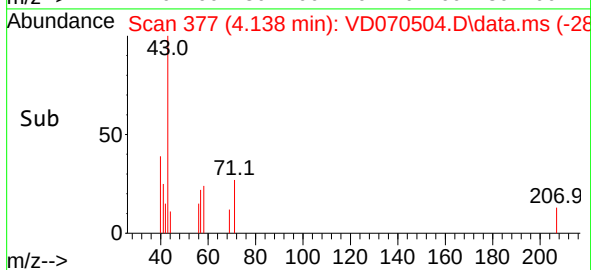
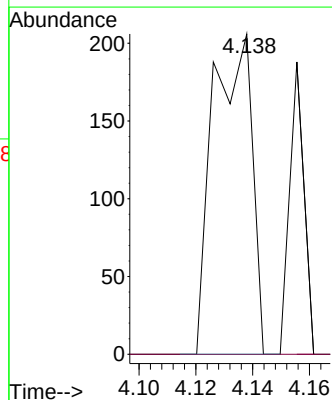
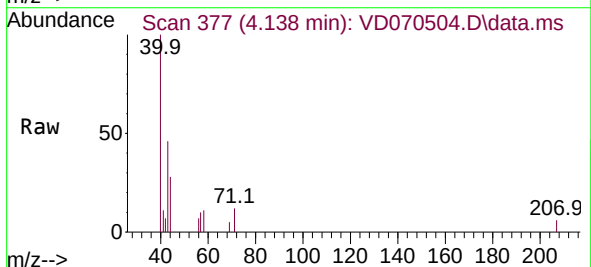
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-02-(5-7)

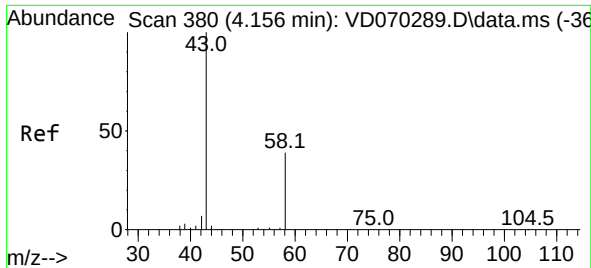
Tgt Ion: 59 Resp: 9976
Ion Ratio Lower Upper
59 100
57 1.5 0.0 0.0#



#13
Acrolein
Concen: 1.010 ug/l
RT: 4.138 min Scan# 377
Delta R.T. 0.217 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 0.0 54.2 81.2#

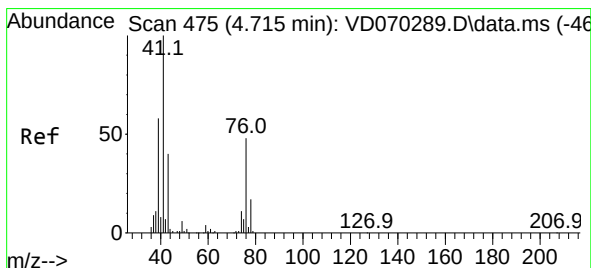
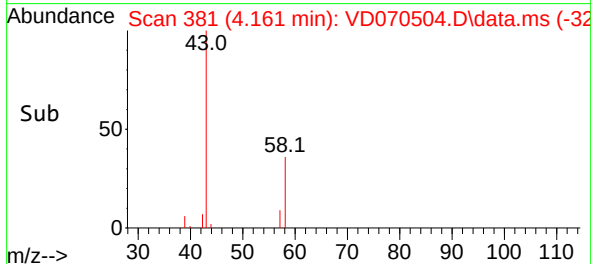
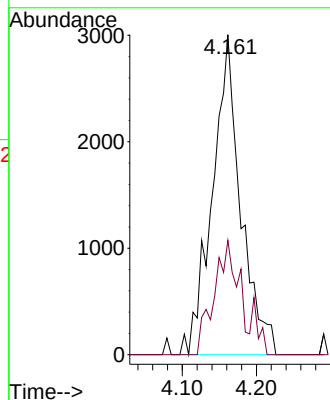
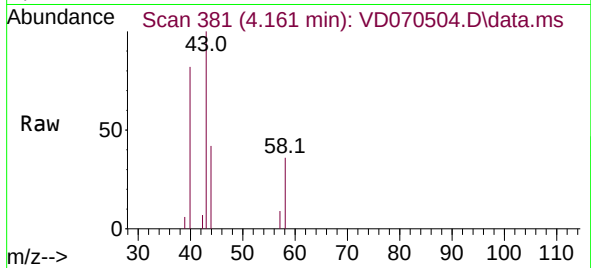




#16
Acetone
Concen: 11.494 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

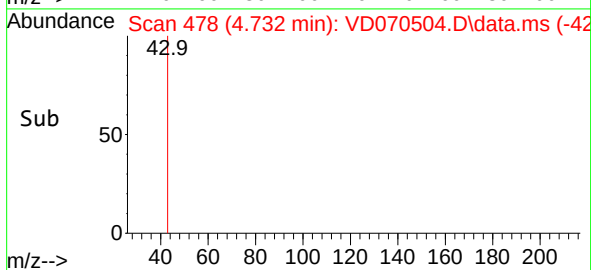
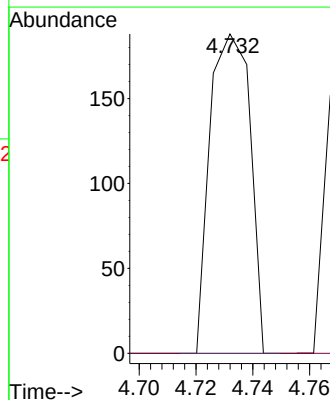
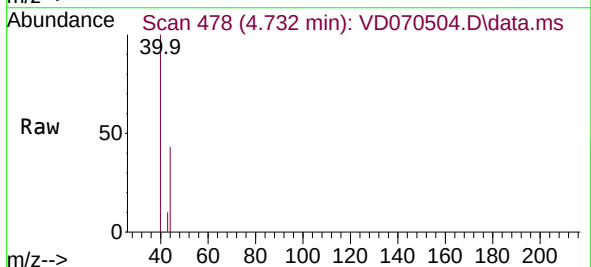
Instrument :
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SUB-SLAB-02-(5-7)

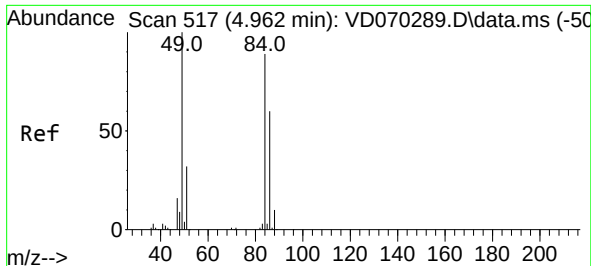
Tgt Ion: 43 Resp: 8011
Ion Ratio Lower Upper
43 100
58 35.7 30.9 46.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

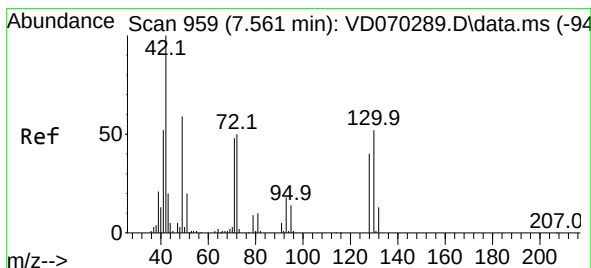
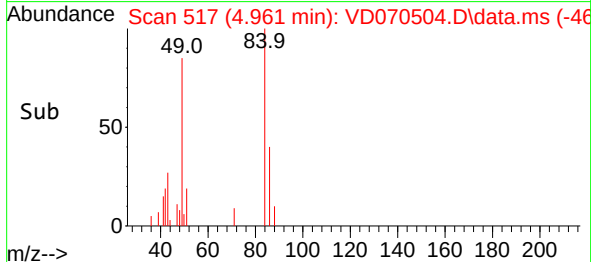
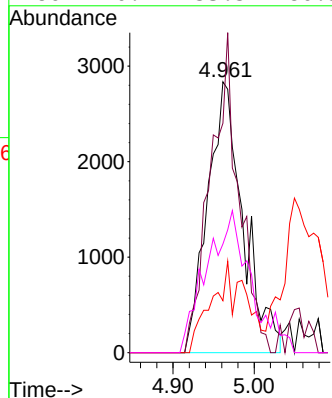
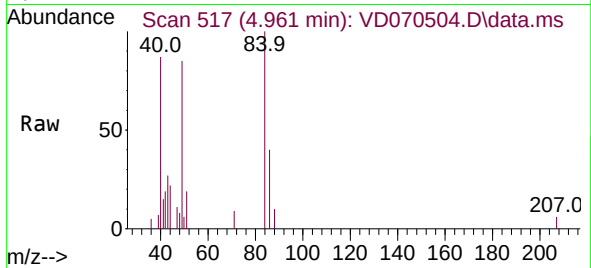




#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

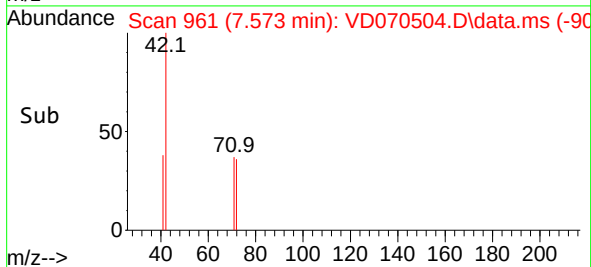
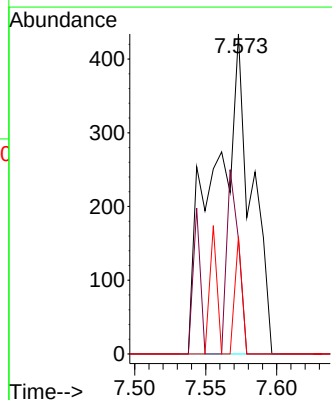
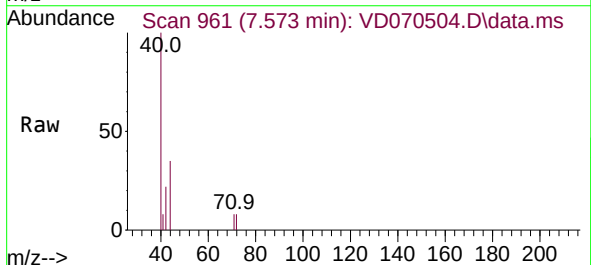
Instrument :
MSVOA_D
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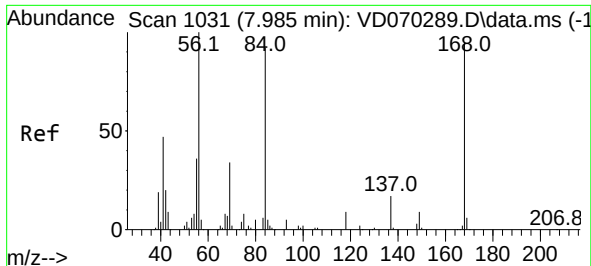
Tgt Ion:	84	Resp:	8612
Ion	Ratio	Lower	Upper
84	100		
49	84.7	89.6	134.4#
51	19.2	28.6	43.0#
86	40.1	53.5	80.3#



#29
Tetrahydrofuran
Concen: 1.313 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

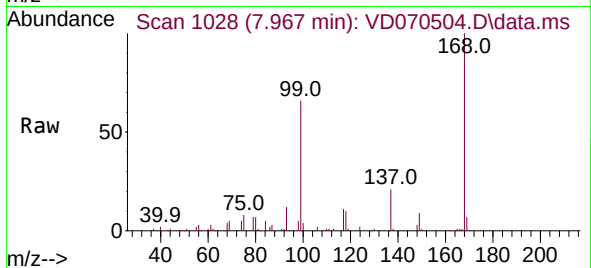
Tgt Ion:	42	Resp:	782
Ion	Ratio	Lower	Upper
42	100		
72	18.3	38.8	58.2#
71	7.2	37.8	56.6#



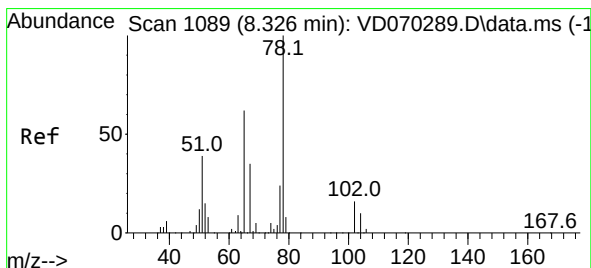
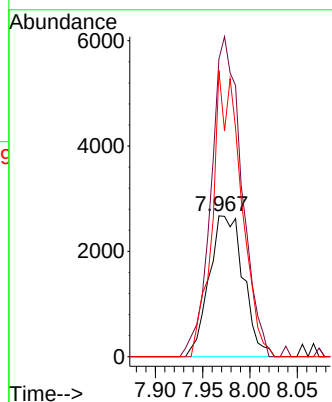
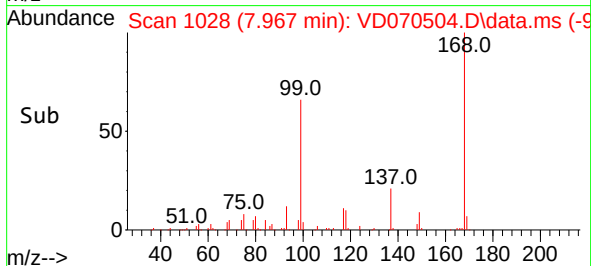


#31
Cyclohexane
Concen: 1.006 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

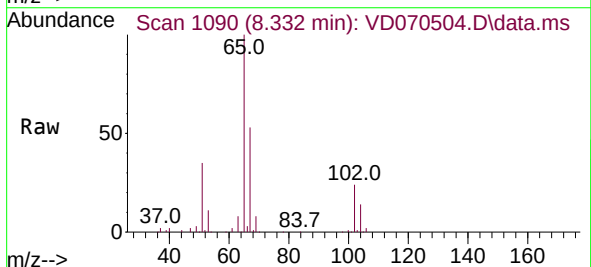
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-02-(5-7)



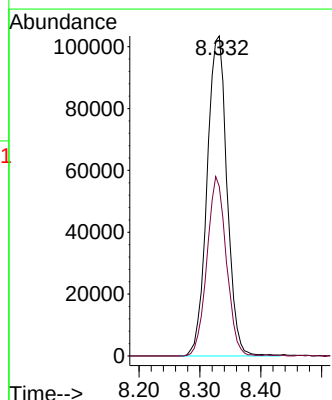
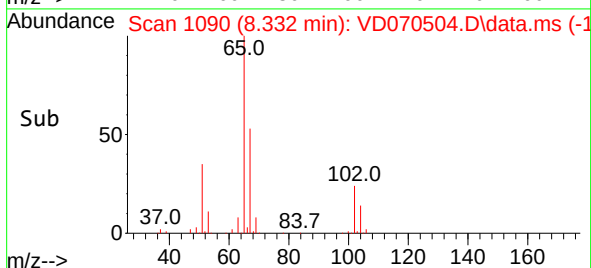
Tgt Ion: 56 Resp: 6763
Ion Ratio Lower Upper
56 100
69 211.3 26.9 40.3#
84 203.3 73.6 110.4#

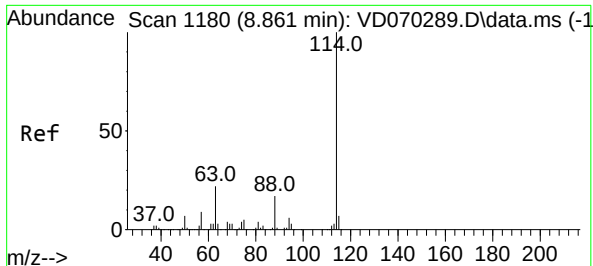


#33
1,2-Dichloroethane-d4
Concen: 60.145 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59



Tgt Ion: 65 Resp: 234791
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.4



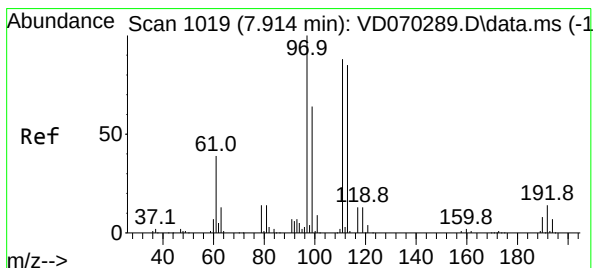
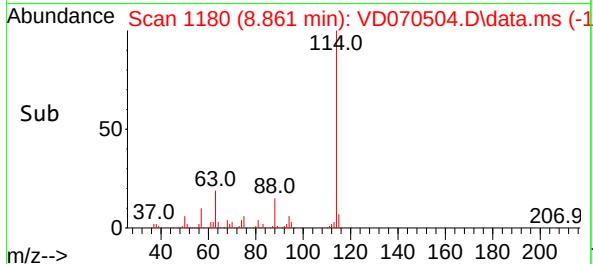
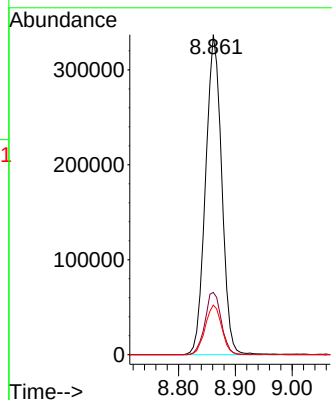
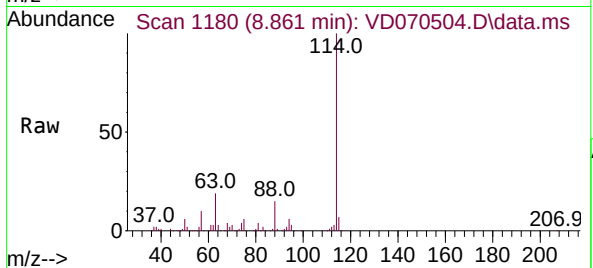


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

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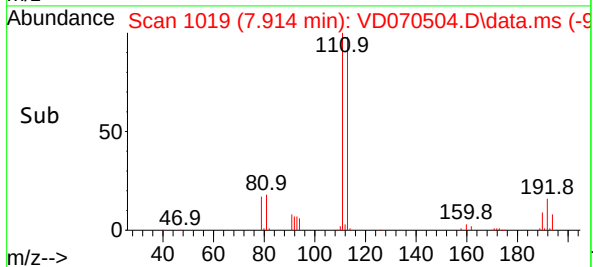
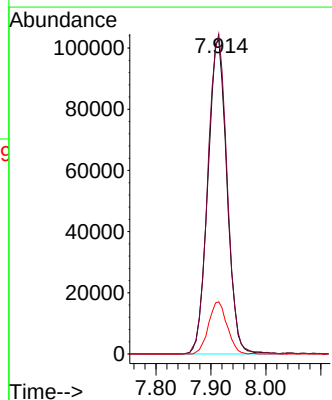
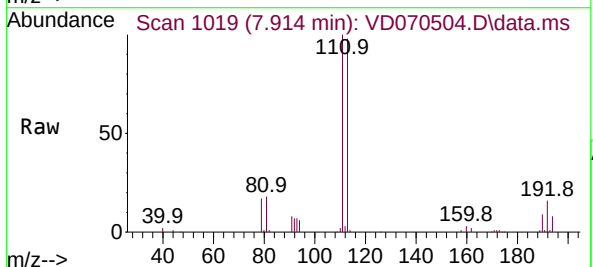
Tgt Ion:	114	Resp:	662028
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	43.4
88	15.5	0.0	33.4

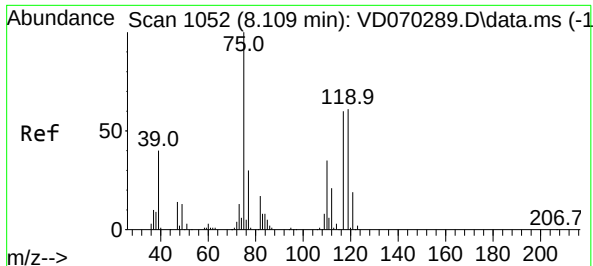


#35

Dibromofluoromethane
Concen: 52.690 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion:	113	Resp:	248295
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.2
192	16.1	13.0	19.6

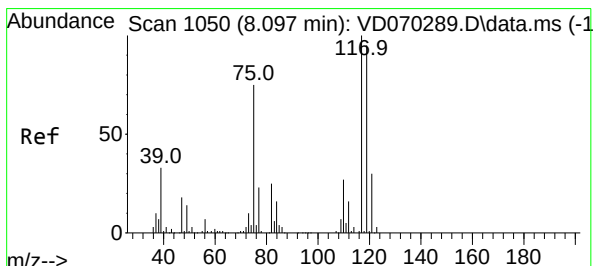
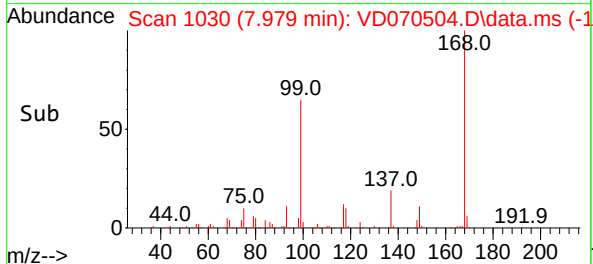
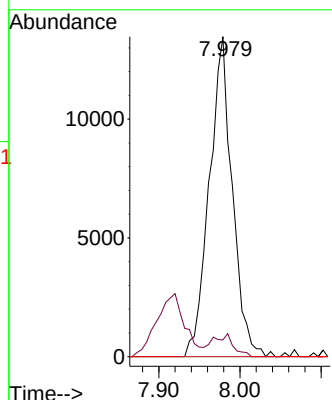
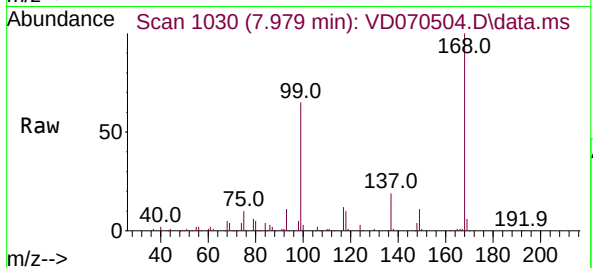




#36
1,1-Dichloropropene
Concen: 3.753 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

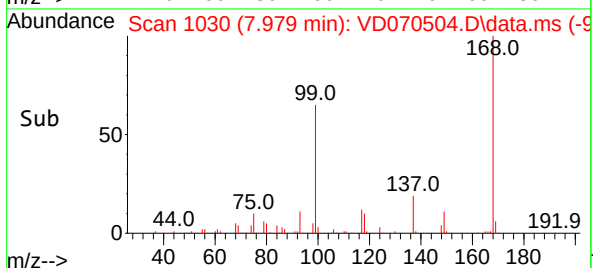
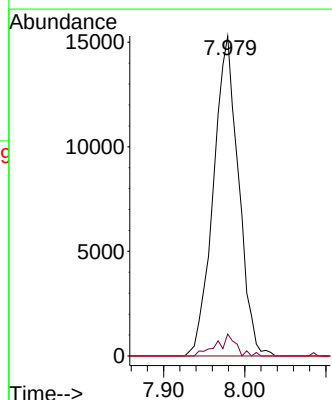
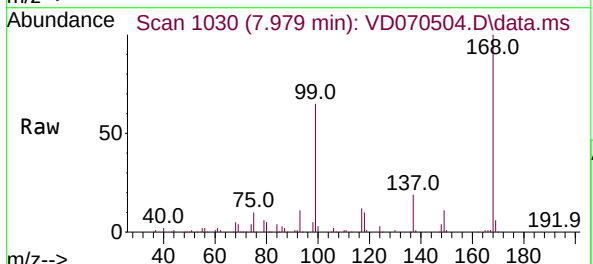
Instrument :
MSVOA_D
ClientSampleId :
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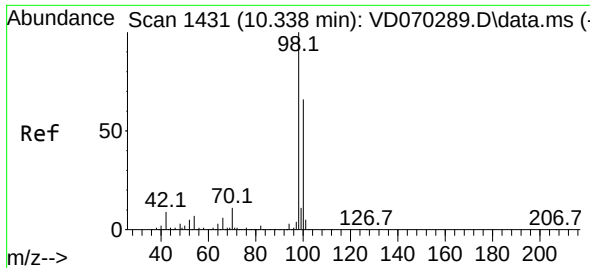
Tgt Ion: 75 Resp: 26557
Ion Ratio Lower Upper
75 100
110 6.4 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.707 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion: 117 Resp: 32939
Ion Ratio Lower Upper
117 100
119 6.8 76.1 114.1#
121 0.0 23.8 35.6#

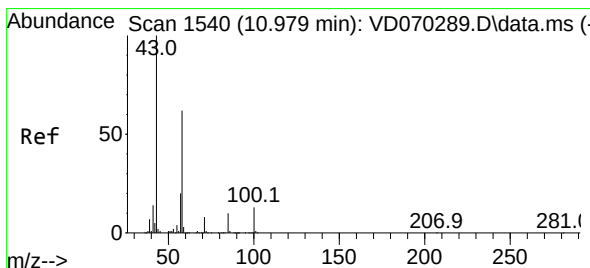
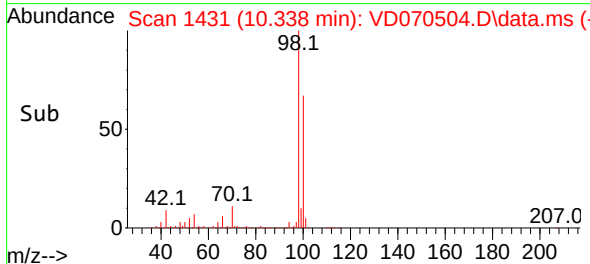
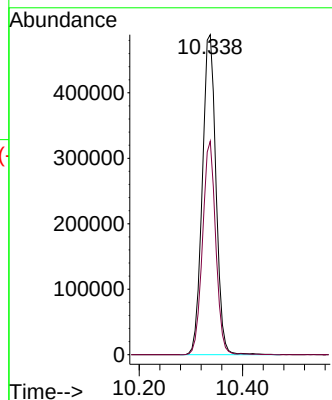
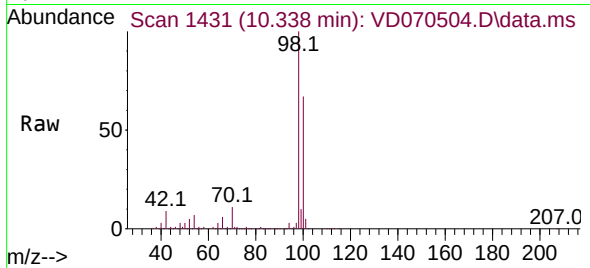




#50
Toluene-d8
Concen: 52.232 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

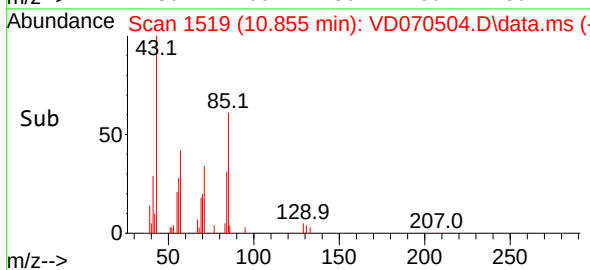
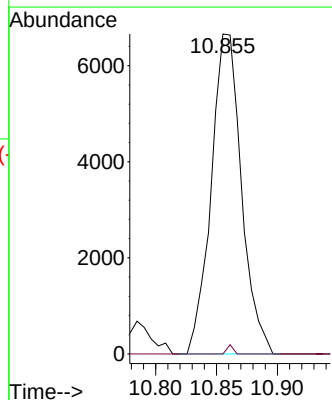
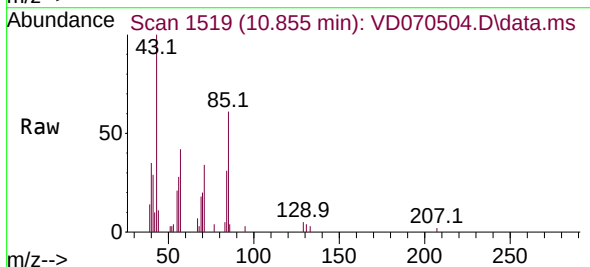
Instrument :
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ClientSampleId :
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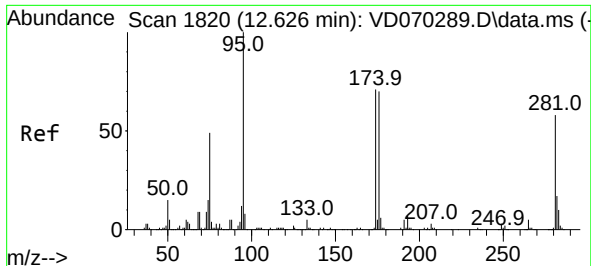
Tgt Ion: 98 Resp: 893675
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#59
2-Hexanone
Concen: 6.829 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. -0.124 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion: 43 Resp: 11535
Ion Ratio Lower Upper
43 100
58 0.6 30.6 91.6#

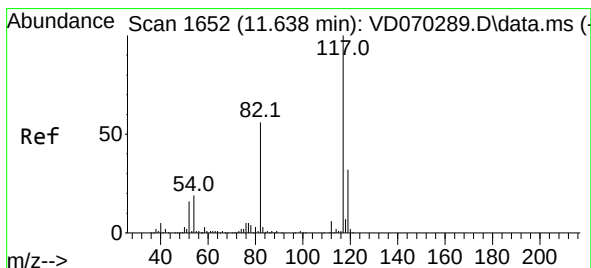
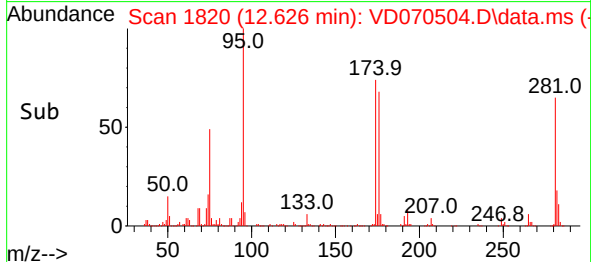
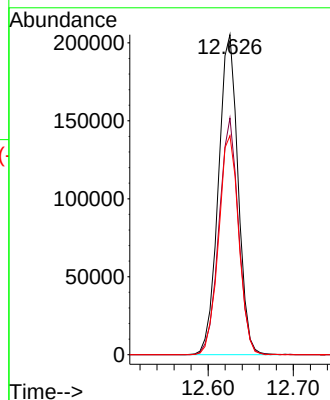
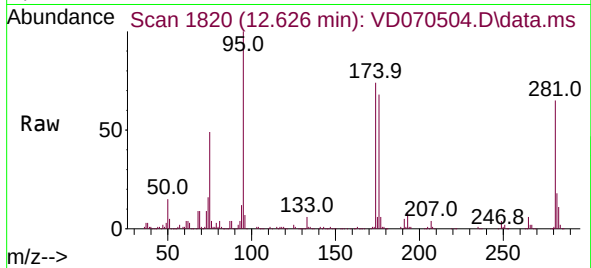




#62
4-Bromofluorobenzene
Concen: 55.022 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

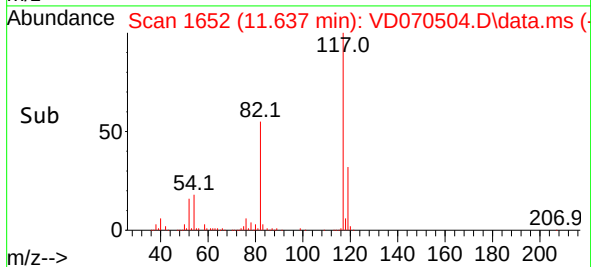
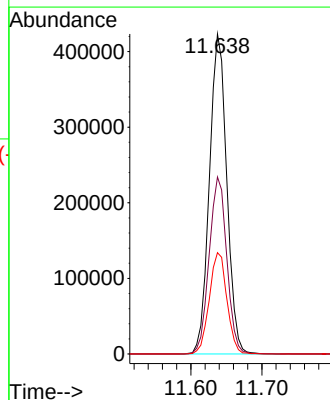
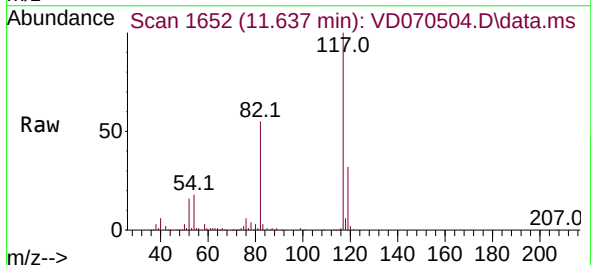
Instrument :
MSVOA_D
ClientSampleId :
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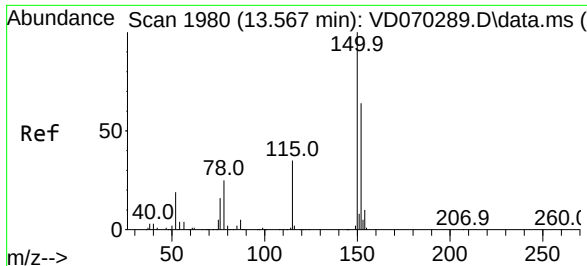
Tgt Ion: 95 Resp: 329007
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.6
176 70.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070504.D
Acq: 28 Sep 2021 15:59

Tgt Ion: 117 Resp: 718187
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.7 25.2 37.8

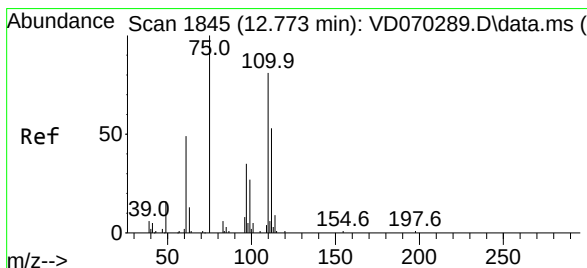
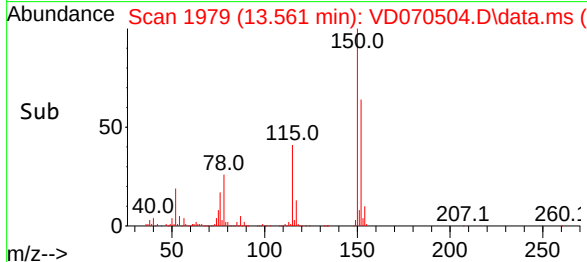
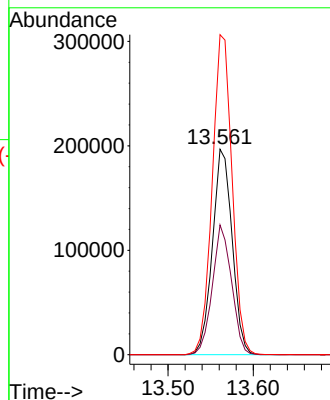
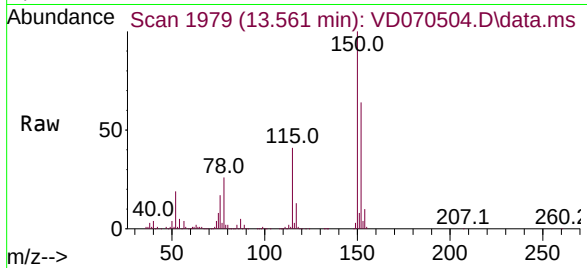




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070504.D
 Acq: 28 Sep 2021 15:59

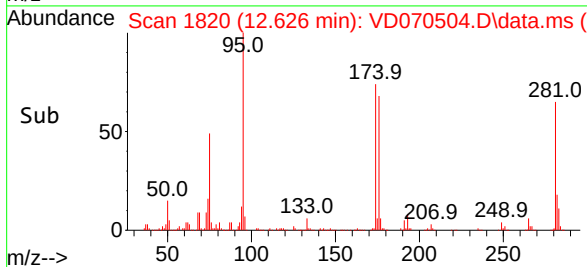
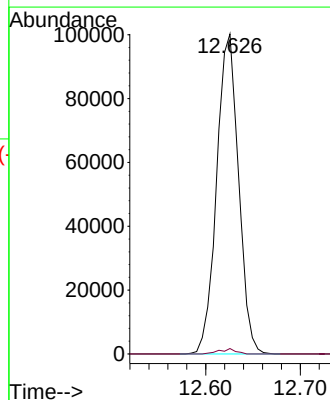
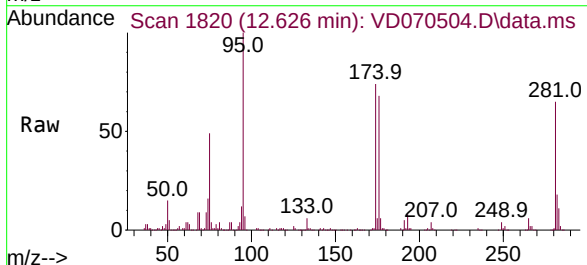
Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-02-(5-7)

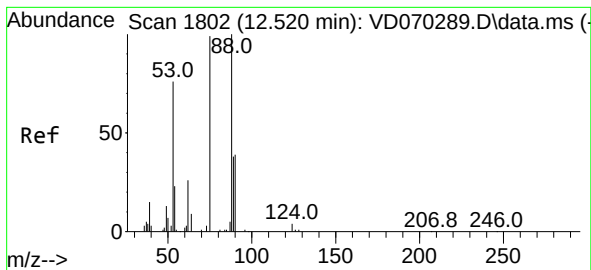
Tgt Ion:152 Resp: 316345
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.1 96.3
 150 156.5 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 50.329 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070504.D
 Acq: 28 Sep 2021 15:59

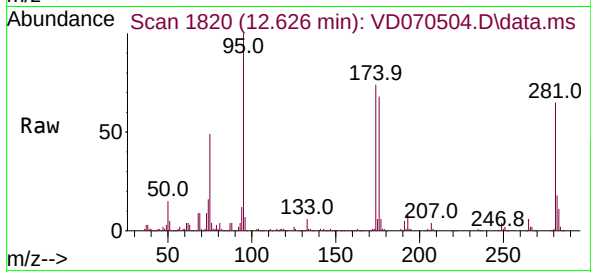
Tgt Ion: 75 Resp: 161046
 Ion Ratio Lower Upper
 75 100
 77 1.3 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.104 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070504.D
 Acq: 28 Sep 2021 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-02-(5-7)



Tgt Ion: 75 Resp: 161046
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.2 96.2#
 89 0.8 35.6 53.4#

