

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070505.D
 Acq On : 28 Sep 2021 16:28
 Operator : VA/SY
 Sample : M3938-01
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-07(5-7)

Quant Time: Sep 28 23:43:32 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)

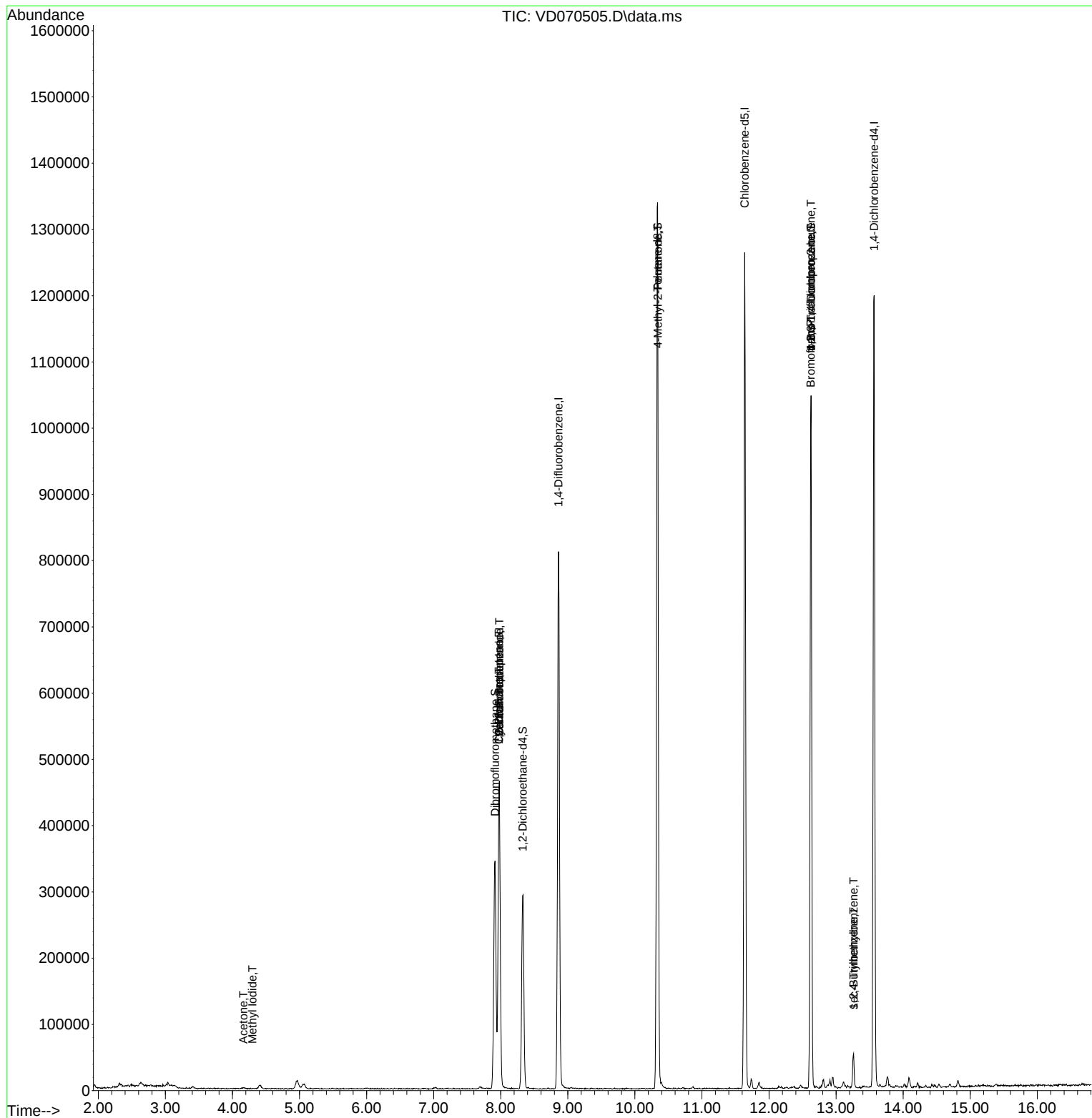
Internal Standards						
1) Pentafluorobenzene	7.979	168	321564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	707764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	734006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	327943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238528	57.770	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.540%			
35) Dibromofluoromethane	7.914	113	256465	50.907	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.820%			
50) Toluene-d8	10.338	98	945955	51.715	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.626	95	331470	51.852	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.700%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	212	Below Cal	#	42
5) Bromomethane	2.779	94	683	Below Cal	#	27
6) Chloroethane	2.956	64	55	Below Cal	#	43
10) Methyl Iodide	4.297	142	88	1.051	ug/l #	39
16) Acetone	4.162	43	2962	4.018	ug/l #	86
18) Methyl Acetate	4.956	43	347	Below Cal	#	48
20) Methylene Chloride	4.968	84	9944	Below Cal		94
31) Cyclohexane	7.973	56	7842	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	27663	3.657	ug/l #	50
38) Carbon Tetrachloride	7.979	117	35692	4.770	ug/l #	17
51) 4-Methyl-2-Pentanone	10.344	43	2840	1.049	ug/l #	1
71) Bromoform	12.620	173	3360	1.221	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	158929	47.911	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	158929	120.045	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.261	105	27942	1.430	ug/l	94
85) sec-Butylbenzene	13.261	105	27942	1.104	ug/l #	57

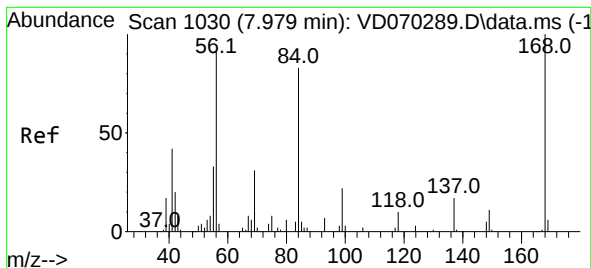
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
Data File : VD070505.D
Acq On : 28 Sep 2021 16:28
Operator : VA/SY
Sample : M3938-01
Misc : 5.83G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

Quant Time: Sep 28 23:43:32 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

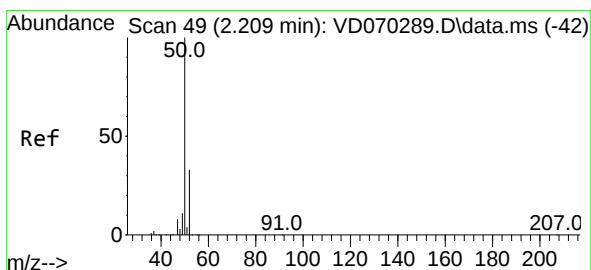
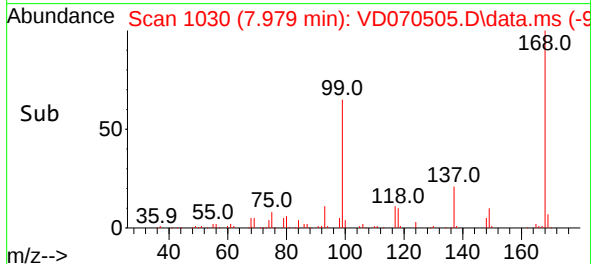
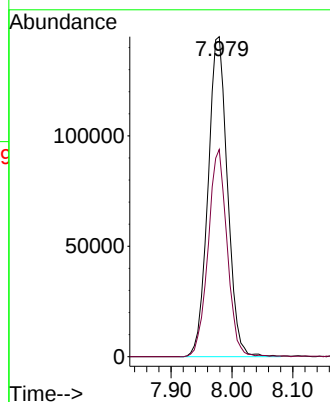
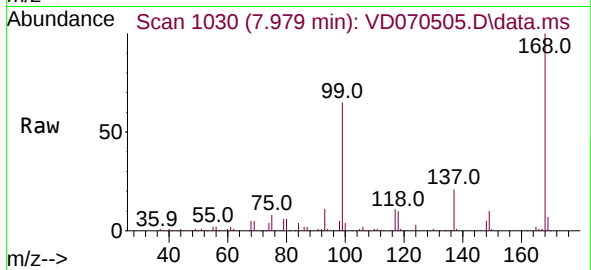




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

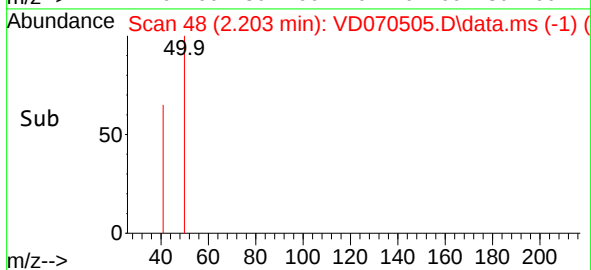
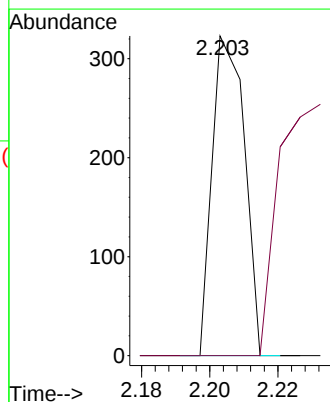
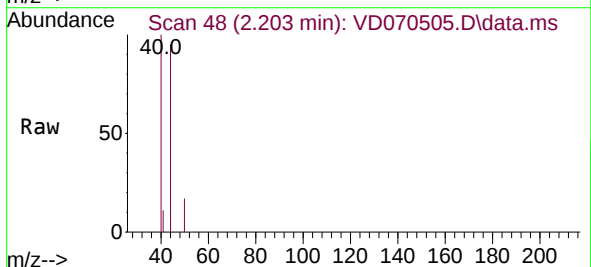
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

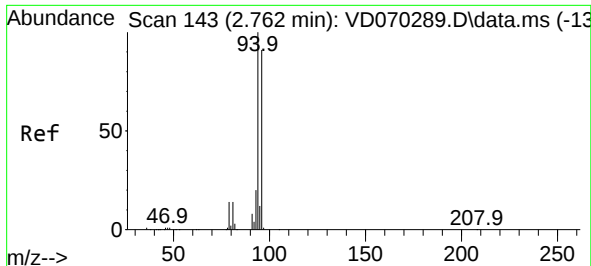
Tgt Ion:168 Resp: 321564
Ion Ratio Lower Upper
168 100
99 64.8 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 50 Resp: 212
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

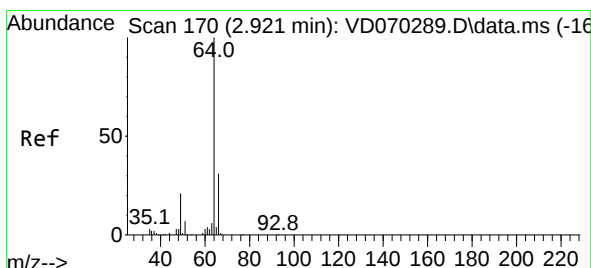
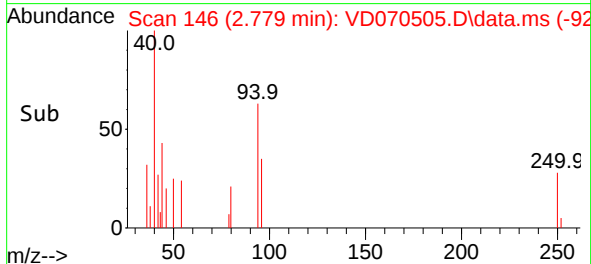
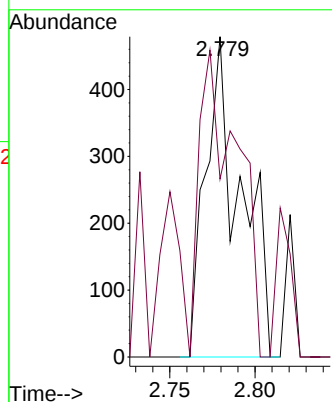
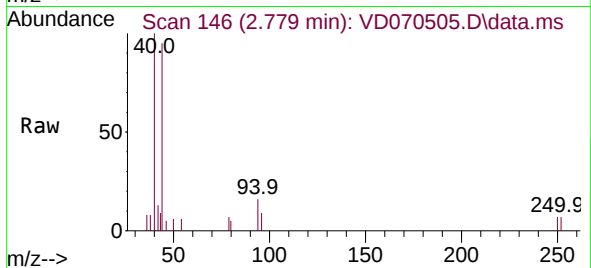




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

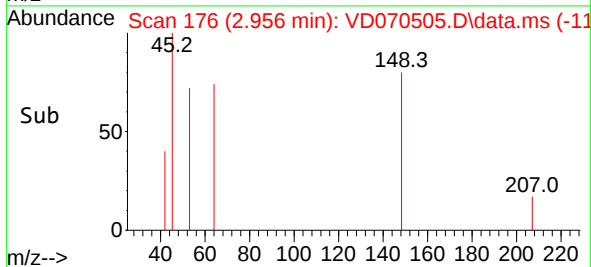
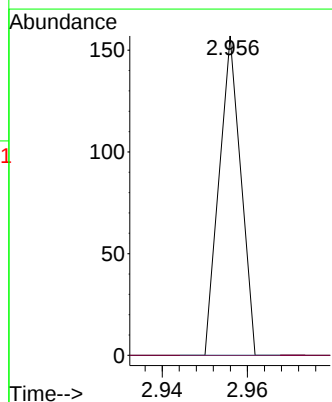
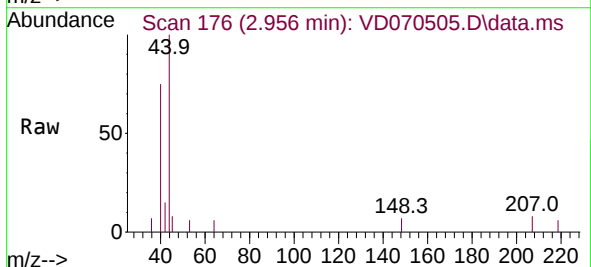
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

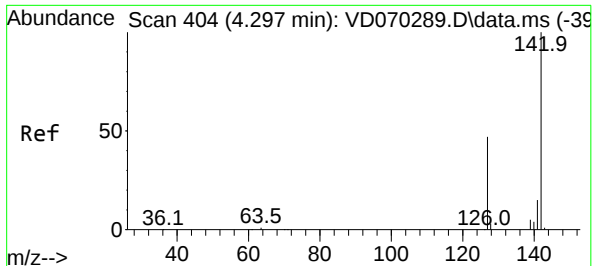
Tgt Ion: 94 Resp: 683
Ion Ratio Lower Upper
94 100
96 22.3 73.0 109.6#



#6
Chloroethane
Concen: Below Cal
RT: 2.956 min Scan# 176
Delta R.T. 0.035 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 64 Resp: 55
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

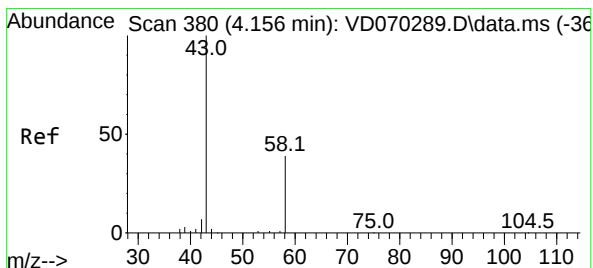
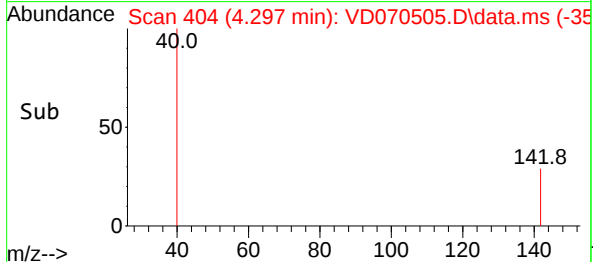
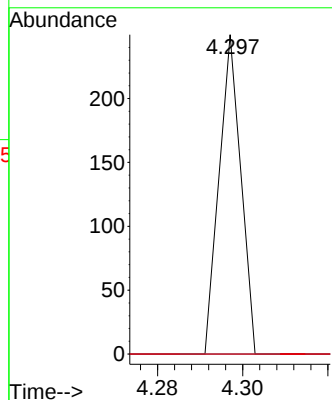
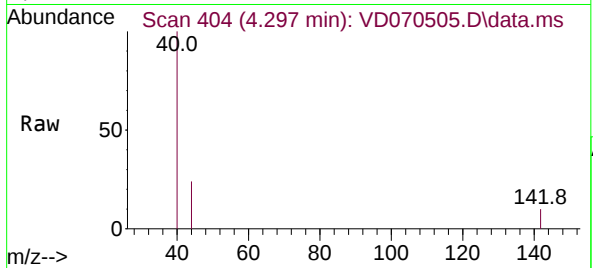




#10
Methyl Iodide
Concen: 1.051 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

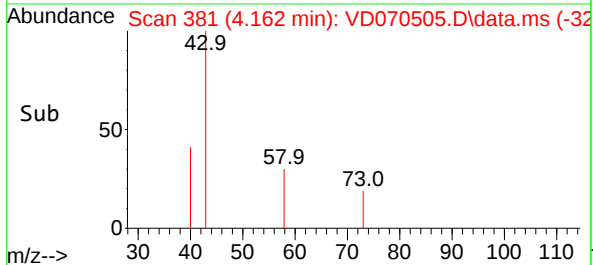
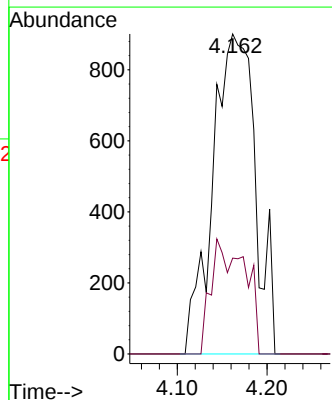
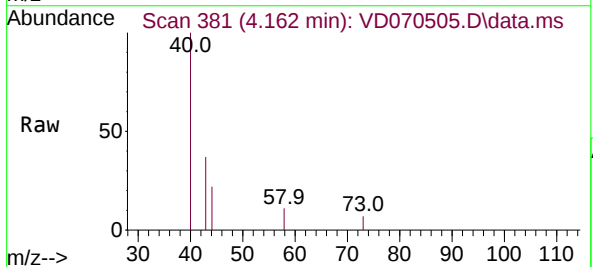
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

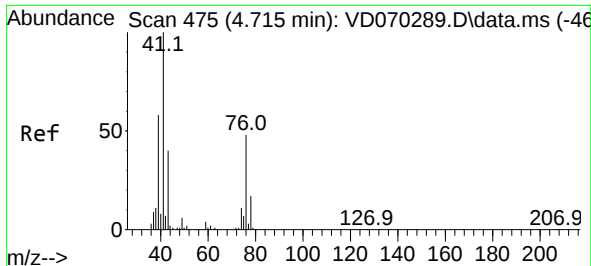
Tgt Ion:142 Resp: 88
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#



#16
Acetone
Concen: 4.018 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 43 Resp: 2962
Ion Ratio Lower Upper
43 100
58 30.0 30.9 46.3#

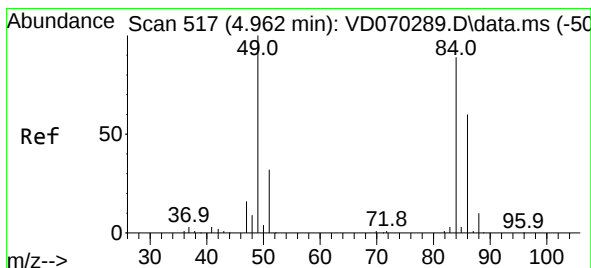
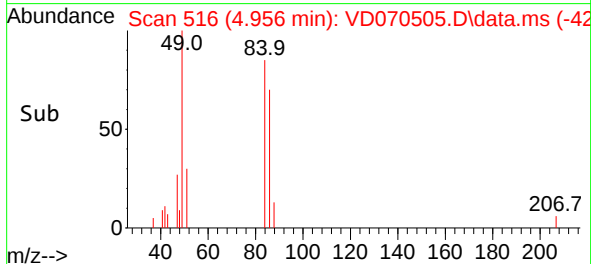
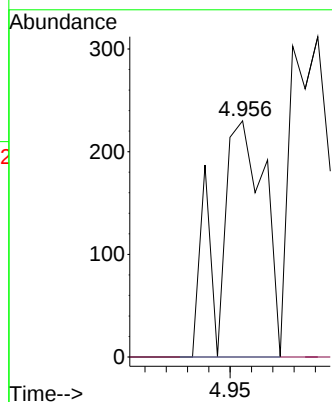
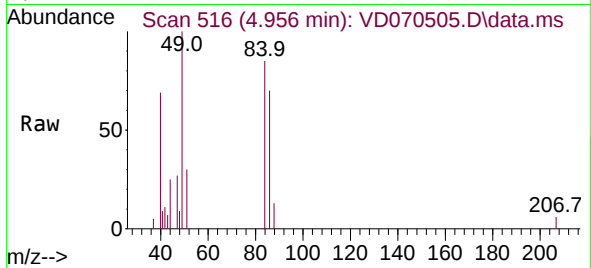




#18
Methyl Acetate
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. 0.241 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

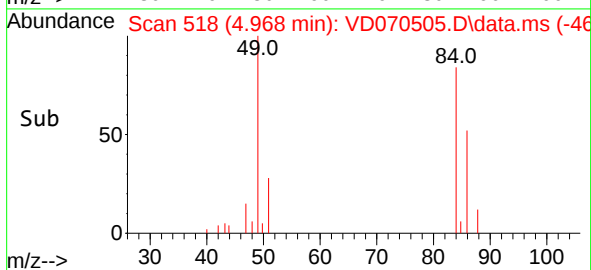
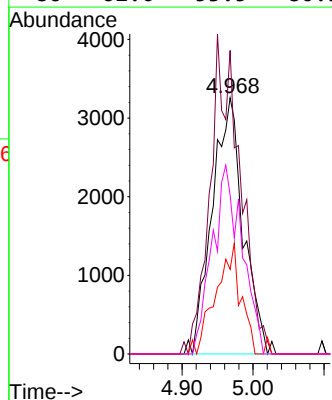
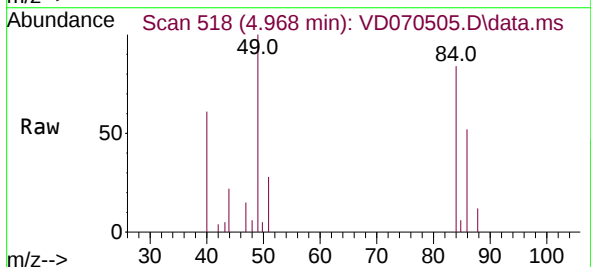
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

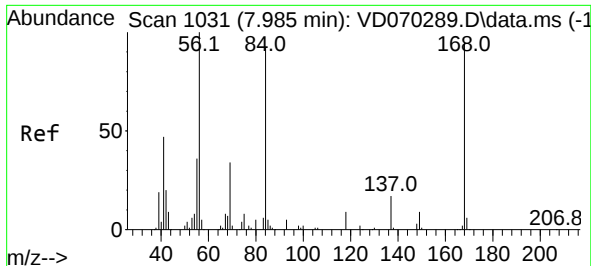
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 84 Resp: 9944
Ion Ratio Lower Upper
84 100
49 118.4 89.6 134.4
51 33.0 28.6 43.0
86 62.0 53.5 80.3

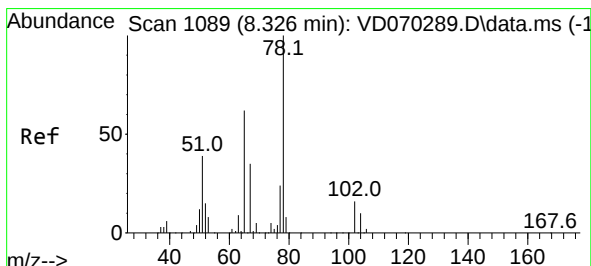
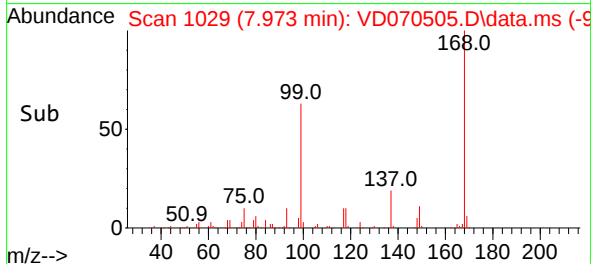
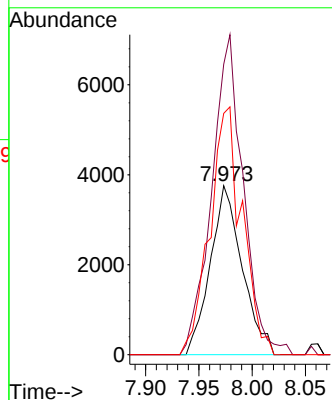
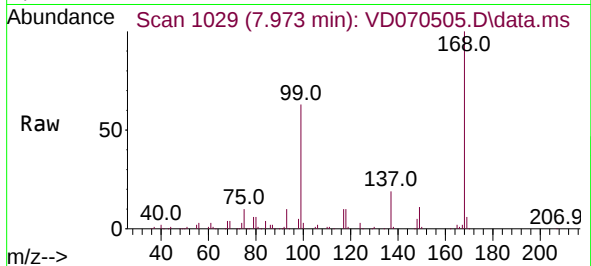




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

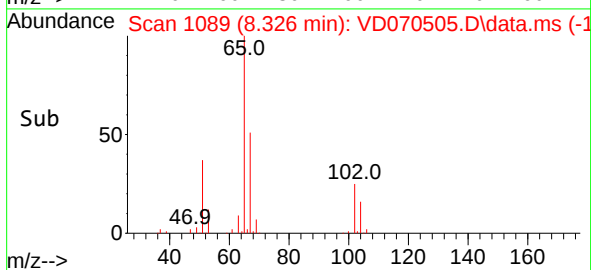
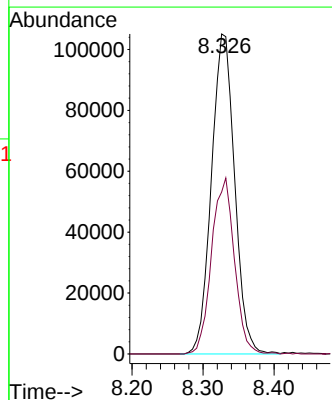
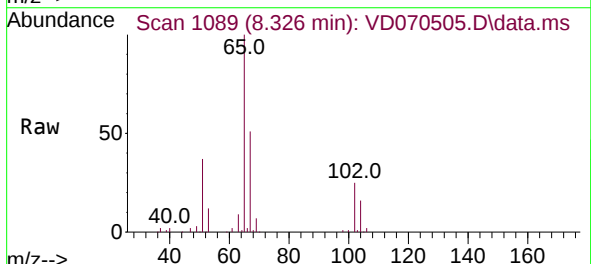
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

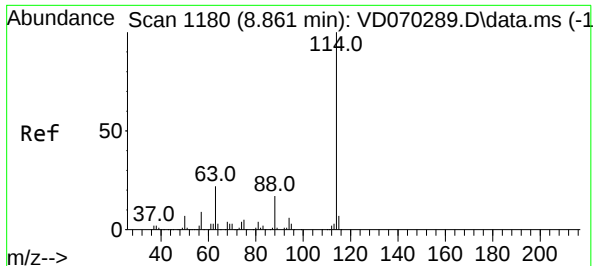
Tgt Ion: 56 Resp: 7842
Ion Ratio Lower Upper
56 100
69 171.8 26.9 40.3#
84 142.7 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 57.770 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 65 Resp: 238528
Ion Ratio Lower Upper
65 100
67 54.0 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: VD070505.D

Acq: 28 Sep 2021 16:28

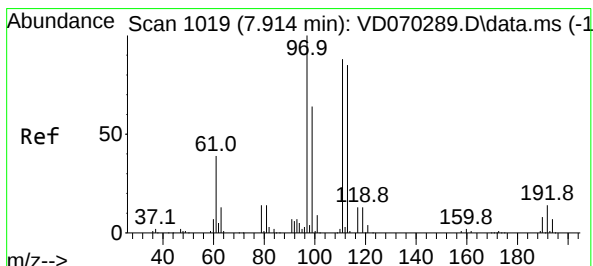
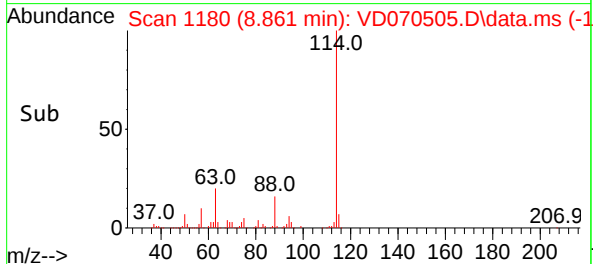
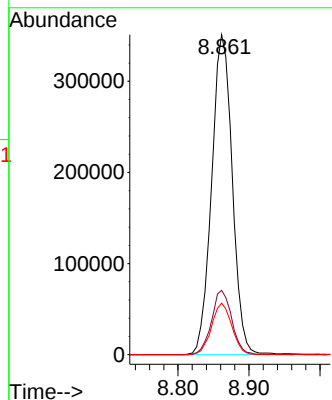
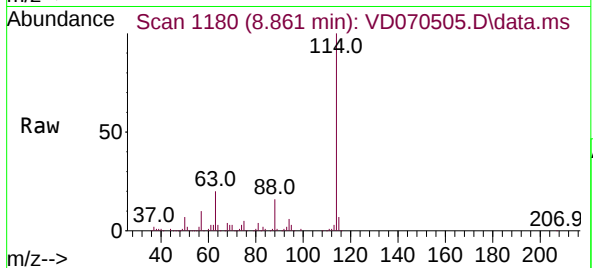
Instrument :

MSVOA_D

ClientSampleId :

SUB-SLAB-07(5-7)

Tgt Ion:114	Resp:	707764
Ion	Ratio	Lower Upper
114	100	
63	20.1	0.0 43.4
88	16.1	0.0 33.4



#35

Dibromofluoromethane

Concen: 50.907 ug/l

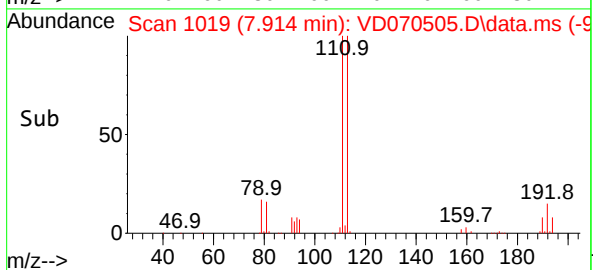
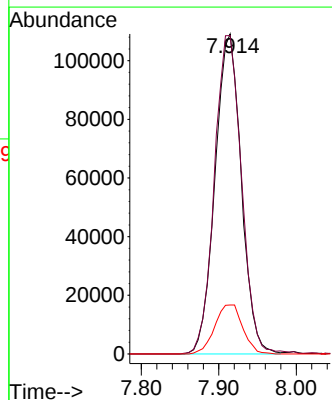
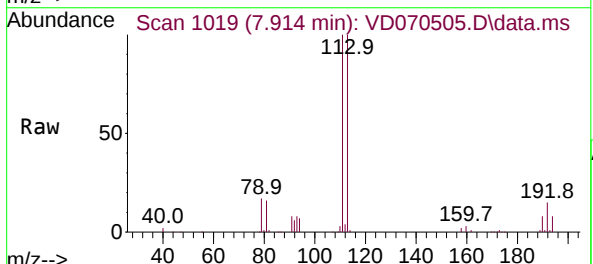
RT: 7.914 min Scan# 1019

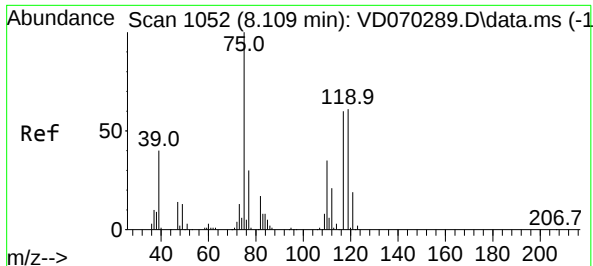
Delta R.T. 0.000 min

Lab File: VD070505.D

Acq: 28 Sep 2021 16:28

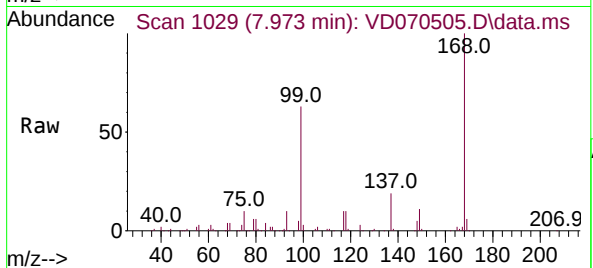
Tgt Ion:113	Resp:	256465
Ion	Ratio	Lower Upper
113	100	
111	103.0	81.4 122.2
192	16.4	13.0 19.6



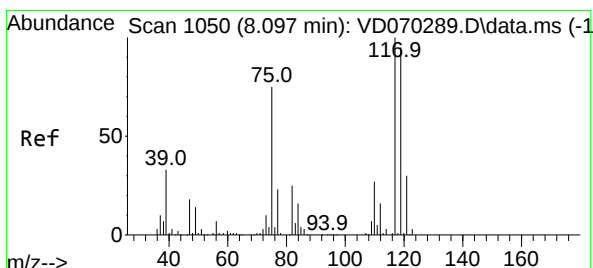
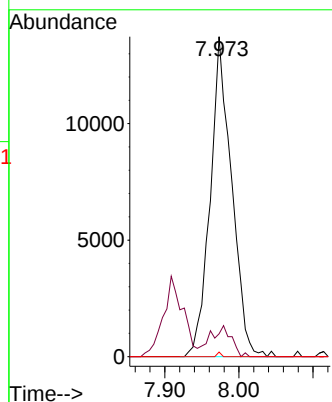
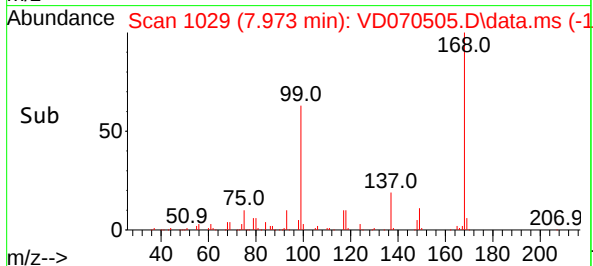


#36
1,1-Dichloropropene
Concen: 3.657 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

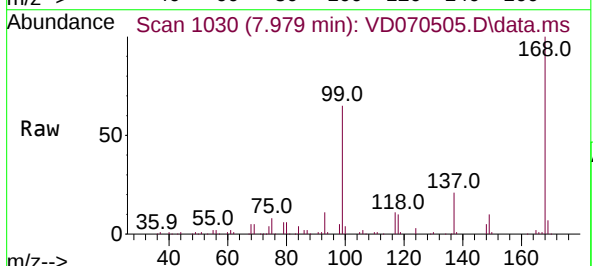
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)



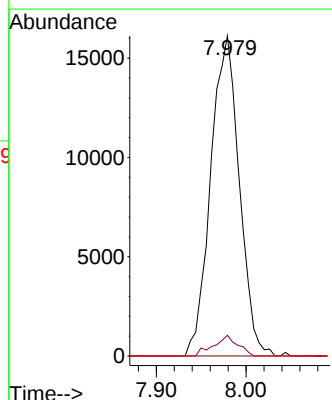
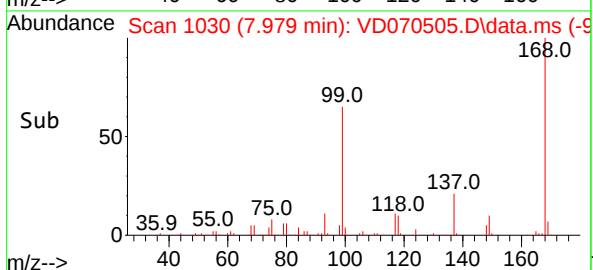
Tgt Ion: 75 Resp: 27663
Ion Ratio Lower Upper
75 100
110 9.6 17.9 53.7#
77 0.2 25.3 37.9#

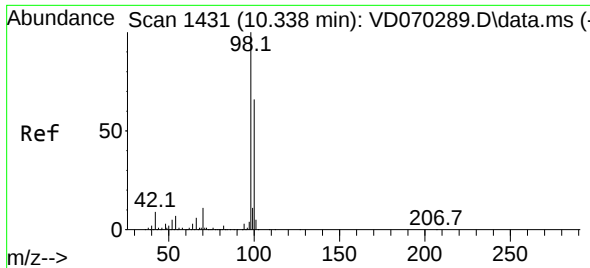


#38
Carbon Tetrachloride
Concen: 4.770 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28



Tgt Ion: 117 Resp: 35692
Ion Ratio Lower Upper
117 100
119 6.5 76.1 114.1#
121 0.0 23.8 35.6#

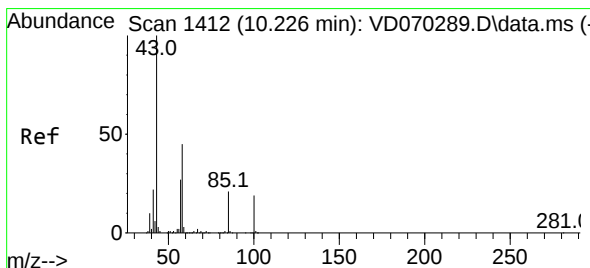
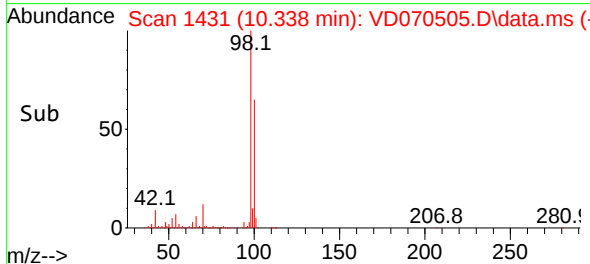
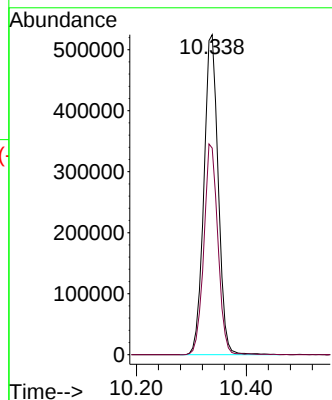
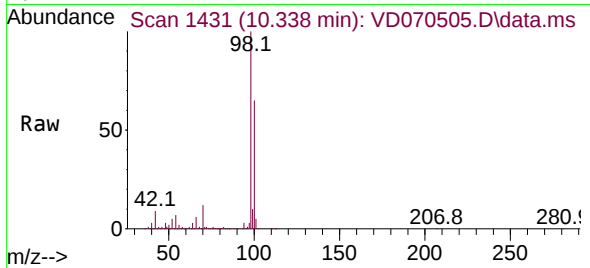




#50
Toluene-d8
Concen: 51.715 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

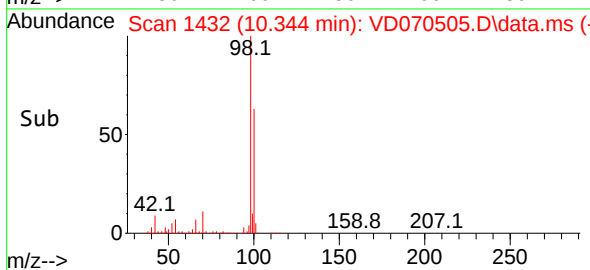
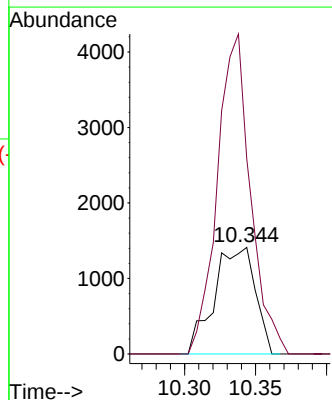
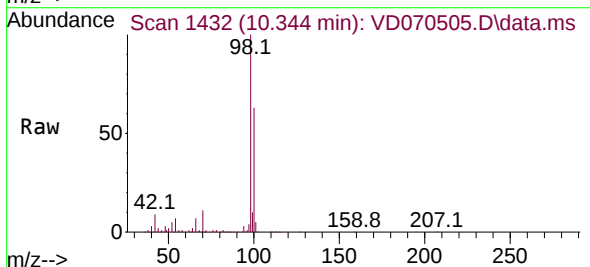
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

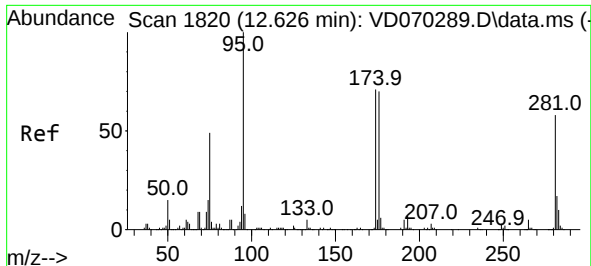
Tgt Ion: 98 Resp: 945955
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.049 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 43 Resp: 2840
Ion Ratio Lower Upper
43 100
58 242.1 35.4 53.2#

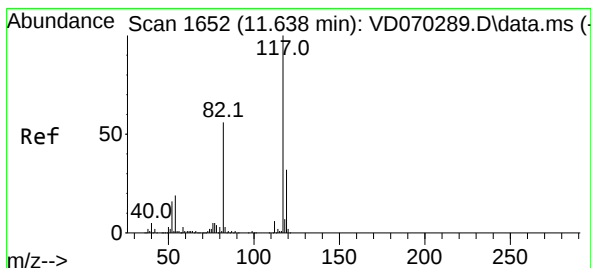
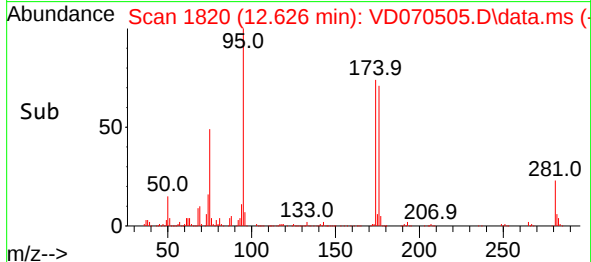
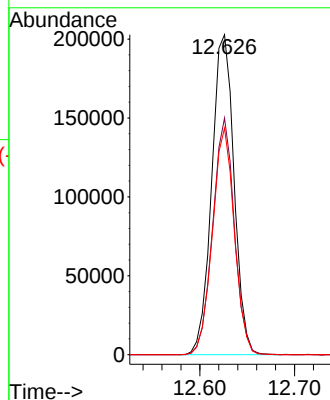
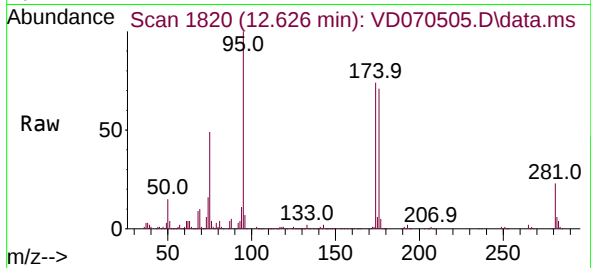




#62
4-Bromofluorobenzene
Concen: 51.852 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

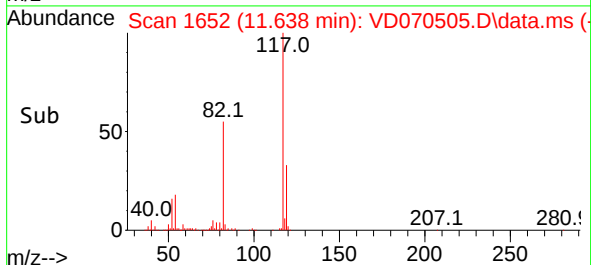
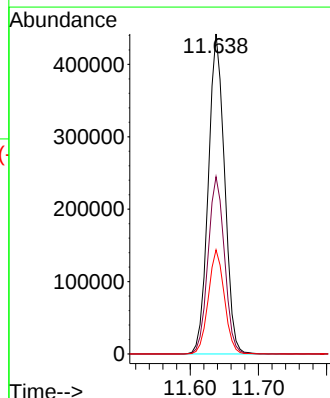
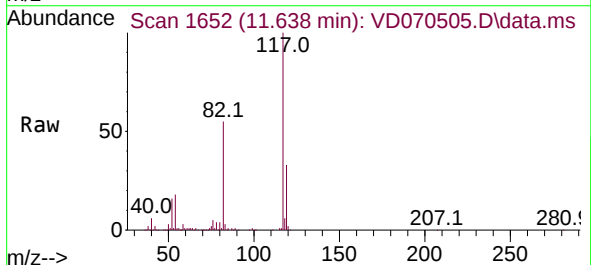
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

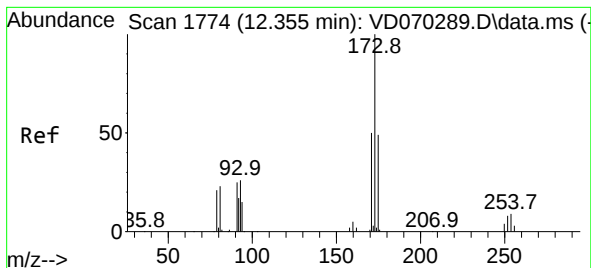
Tgt Ion: 95 Resp: 331470
Ion Ratio Lower Upper
95 100
174 71.8 0.0 140.6
176 69.3 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 117 Resp: 734006
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.6 25.2 37.8





#71

Bromoform

Concen: 1.221 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.265 min

Lab File: VD070505.D

Acq: 28 Sep 2021 16:28

Tgt Ion:173 Resp: 3360

Ion Ratio Lower Upper

173 100

175 466.3 25.1 75.2#

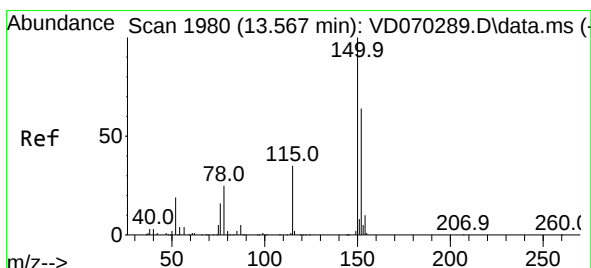
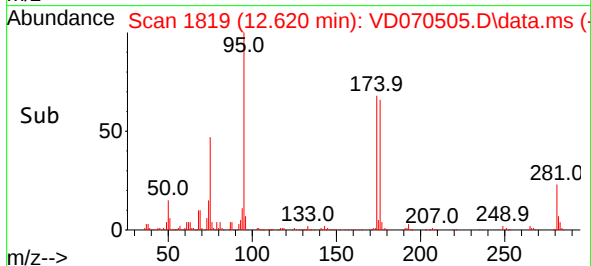
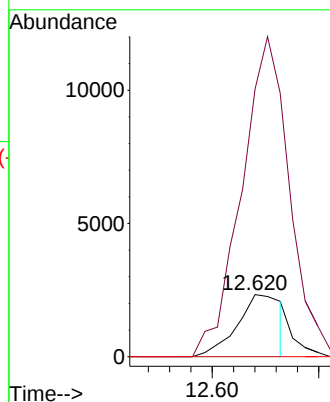
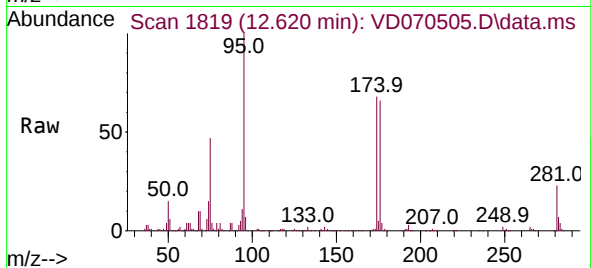
254 0.0 0.1 0.1#

Instrument :

MSVOA_D

ClientSampleId :

SUB-SLAB-07(5-7)



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD070505.D

Acq: 28 Sep 2021 16:28

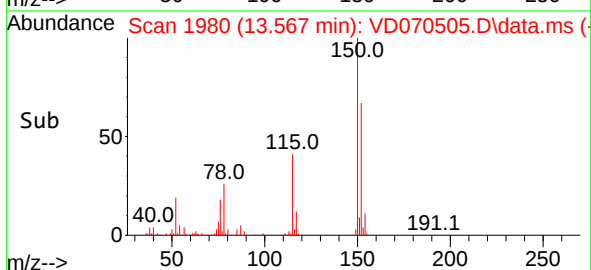
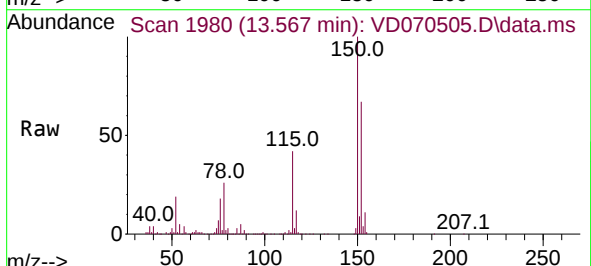
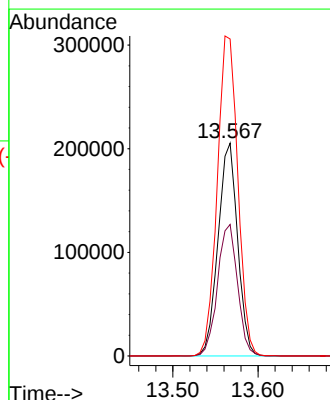
Tgt Ion:152 Resp: 327943

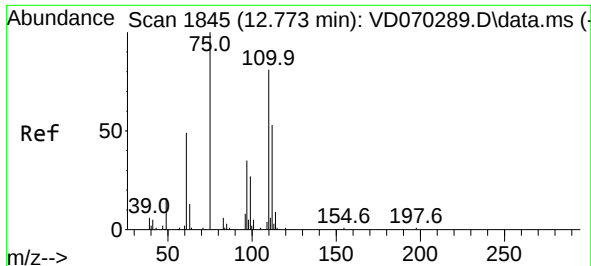
Ion Ratio Lower Upper

152 100

115 63.1 32.1 96.3

150 157.9 0.0 350.6

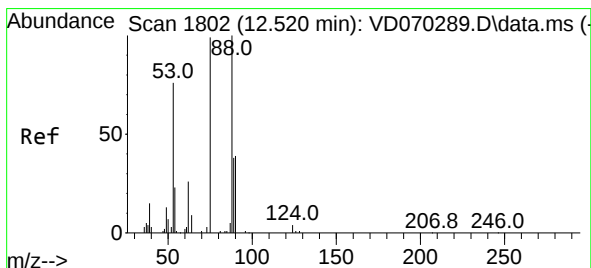
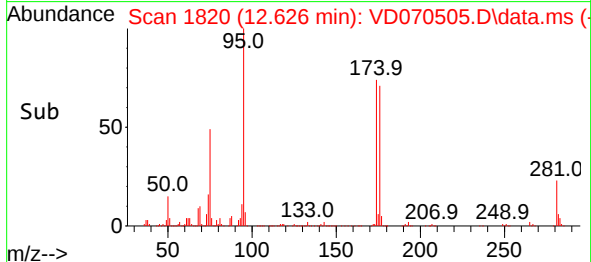
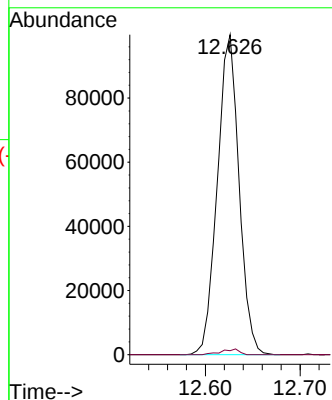
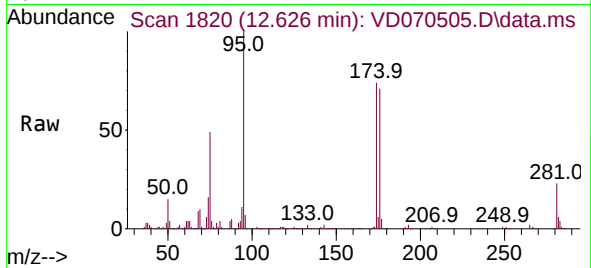




#76
1,2,3-Trichloropropane
Concen: 47.911 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

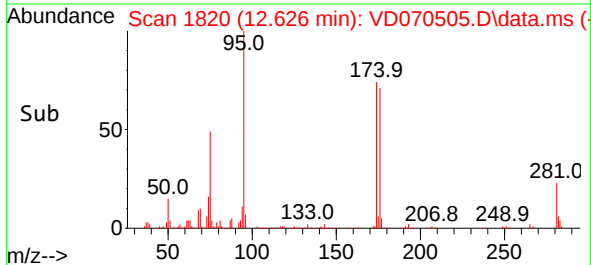
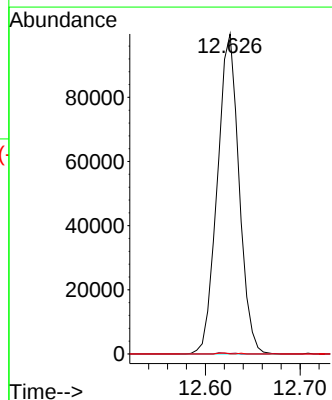
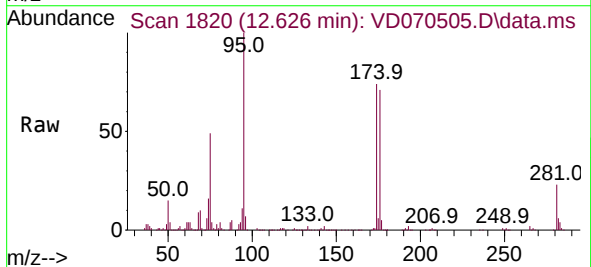
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

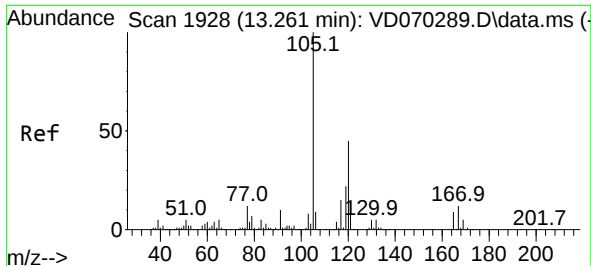
Tgt Ion: 75 Resp: 158929
Ion Ratio Lower Upper
75 100
77 1.5 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.045 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion: 75 Resp: 158929
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.1 35.6 53.4#

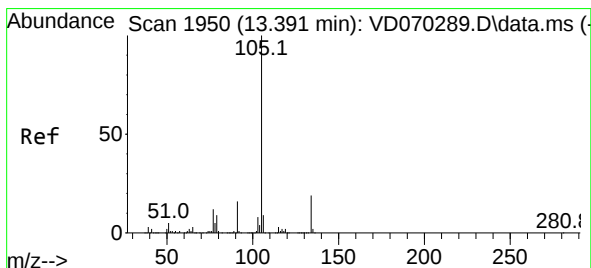
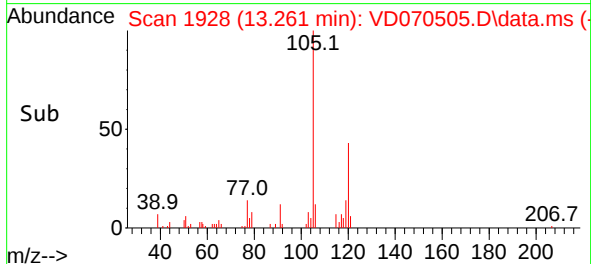
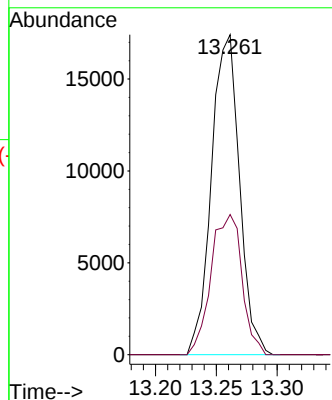
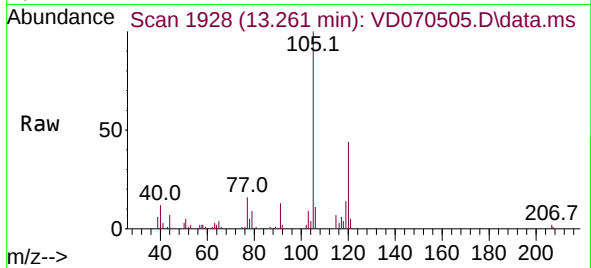




#84
1,2,4-Trimethylbenzene
Concen: 1.430 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-07(5-7)

Tgt Ion:105 Resp: 27942
Ion Ratio Lower Upper
105 100
120 48.2 22.3 66.8



#85
sec-Butylbenzene
Concen: 1.104 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.129 min
Lab File: VD070505.D
Acq: 28 Sep 2021 16:28

Tgt Ion:105 Resp: 27942
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

