

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006174.D
 Acq On : 27 Sep 2021 19:26
 Operator : SY/MD
 Sample : M3922-03
 Misc : 8.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 28 06:23:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

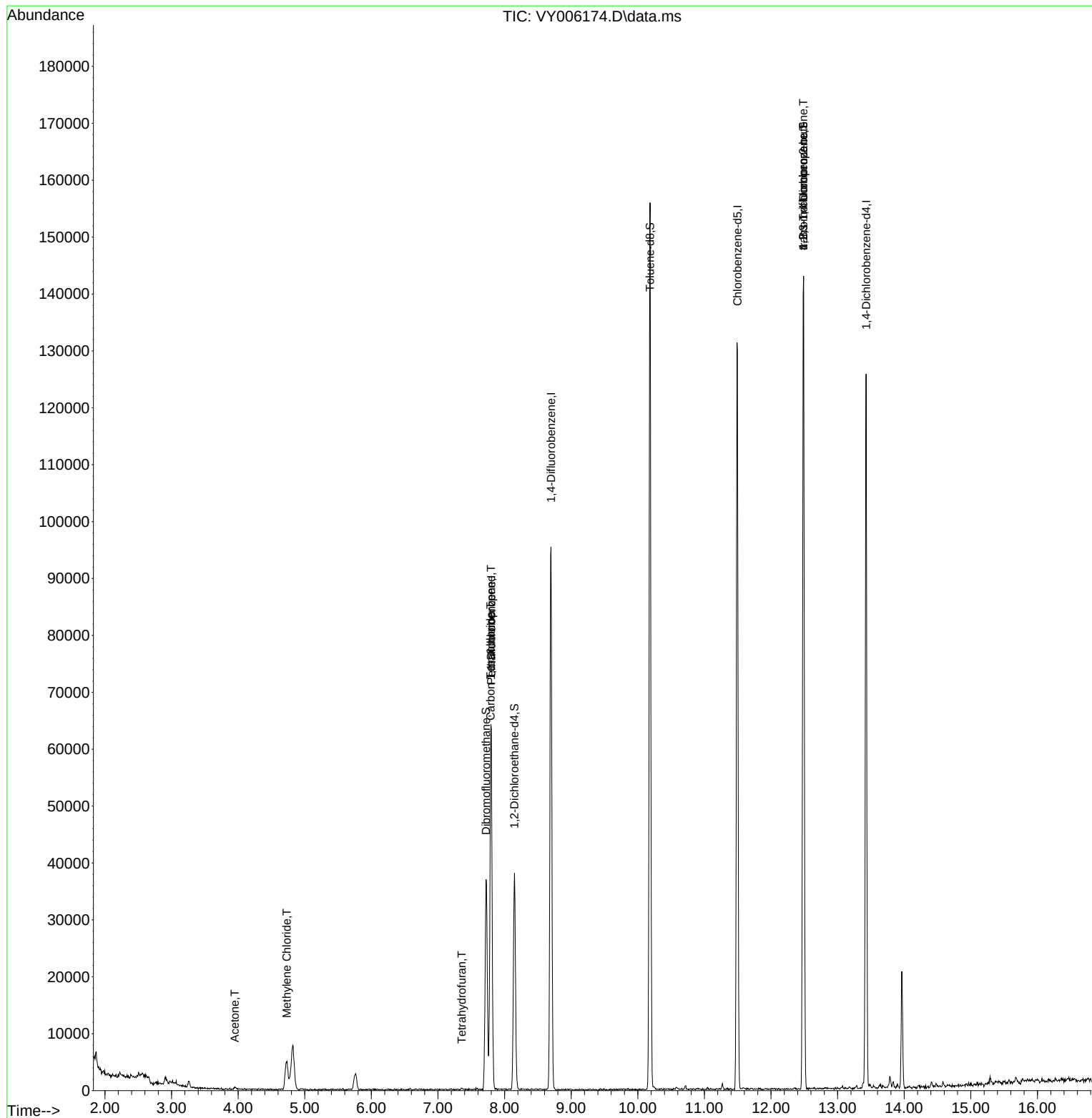
Internal Standards						
1) Pentafluorobenzene	7.801	168	50957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	79186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	71115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31372	44.322	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.640%		
35) Dibromofluoromethane	7.722	113	24373	49.555	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.100%		
50) Toluene-d8	10.185	98	99601	47.514	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.020%		
62) 4-Bromofluorobenzene	12.483	95	28593	40.175	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.360%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	131	Below Cal	#	77
16) Acetone	3.948	43	388	1.999	ug/l #	82
20) Methylene Chloride	4.728	84	3668	1.551	ug/l #	85
29) Tetrahydrofuran	7.356	42	190	1.130	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	3900	4.563	ug/l #	53
38) Carbon Tetrachloride	7.789	117	4810	5.170	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	16165	48.981	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16165	90.051	ug/l #	8

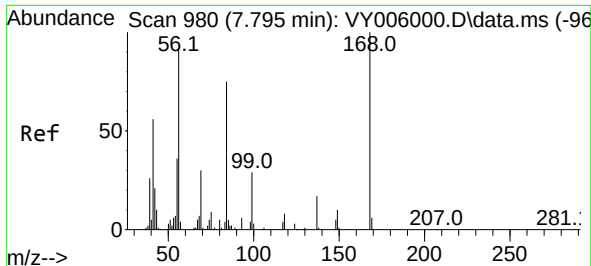
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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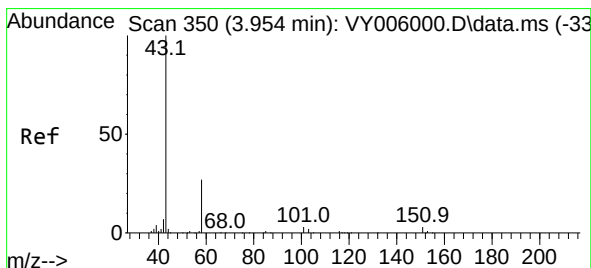
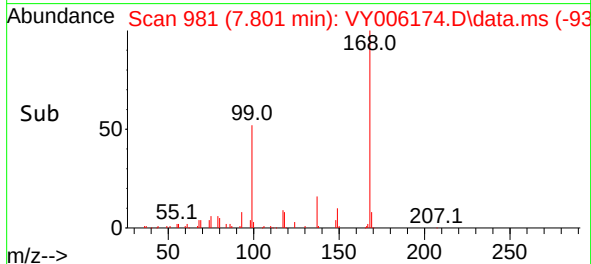
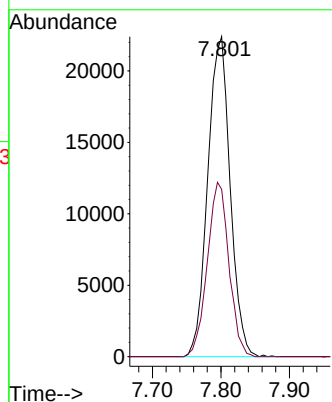
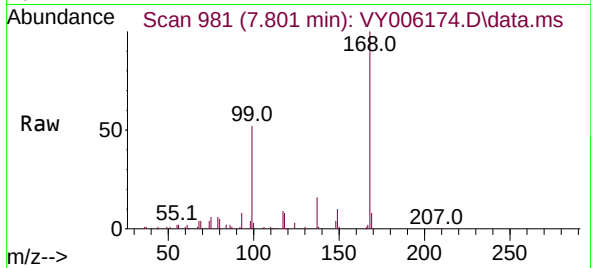




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

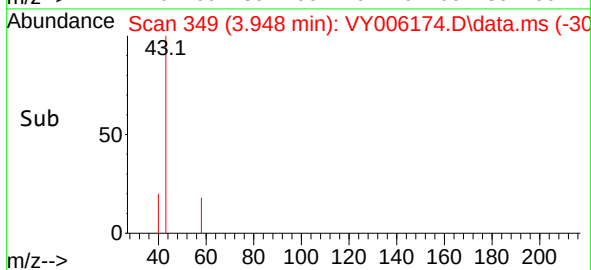
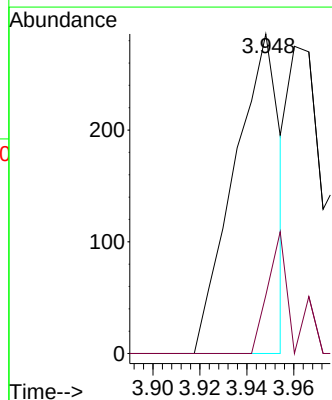
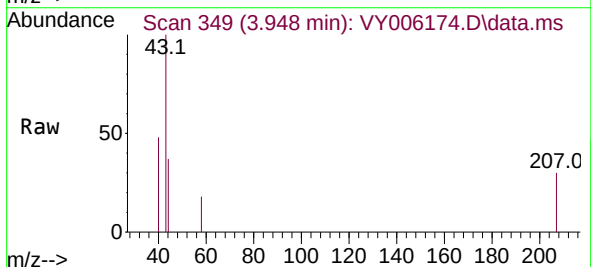
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-02-(5-7)

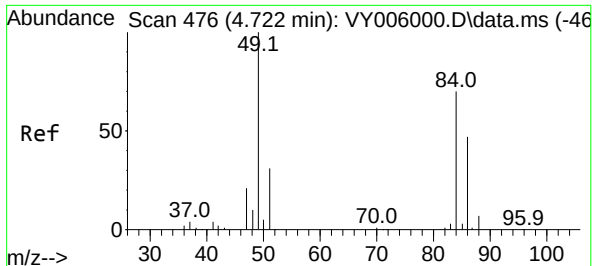
Tgt Ion:168 Resp: 50957
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#16
Acetone
Concen: 1.999 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

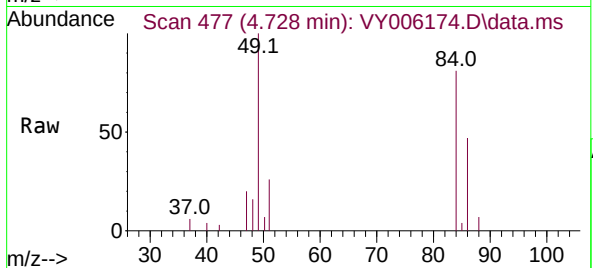
Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
58 18.2 22.0 33.0#



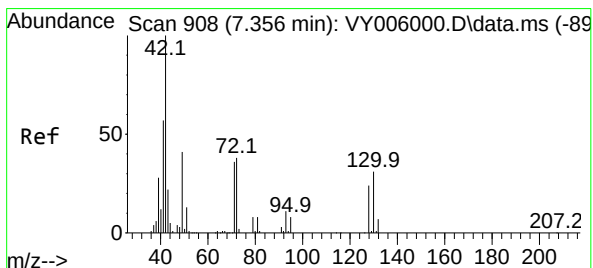
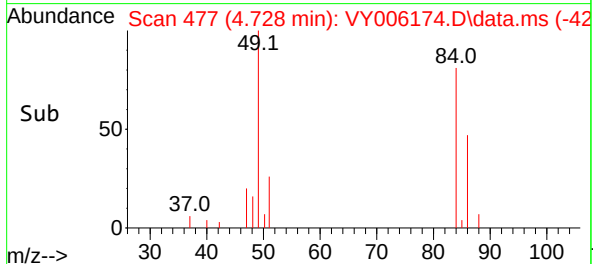
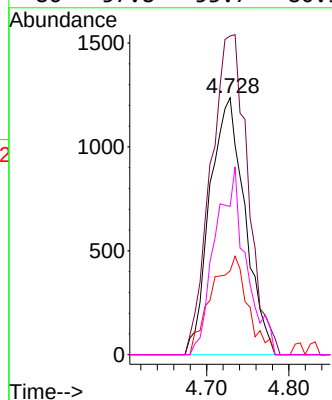


#20
Methylene Chloride
Concen: 1.551 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

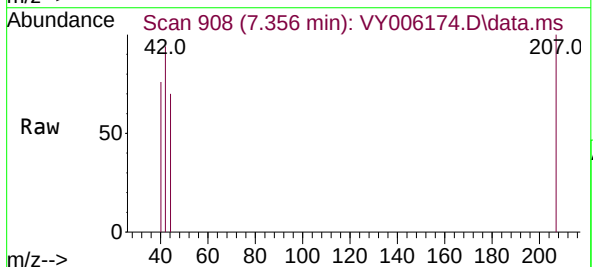
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-02-(5-7)



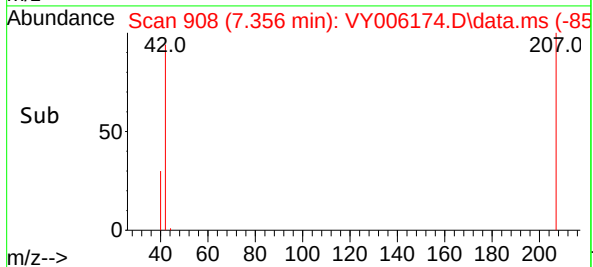
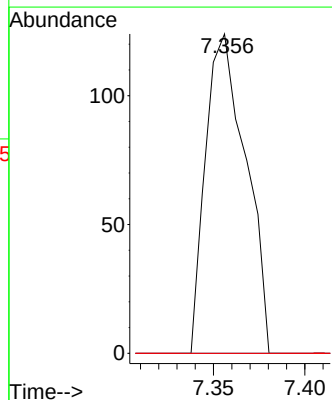
Tgt Ion:	84	Resp:	3668
Ion	Ratio	Lower	Upper
84	100		
49	124.1	114.4	171.6
51	32.7	35.3	52.9#
86	57.8	53.7	80.5

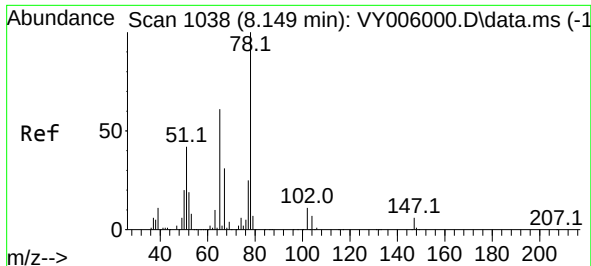


#29
Tetrahydrofuran
Concen: 1.130 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26



Tgt Ion:	42	Resp:	190
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#

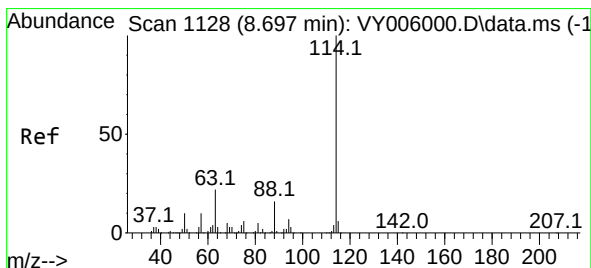
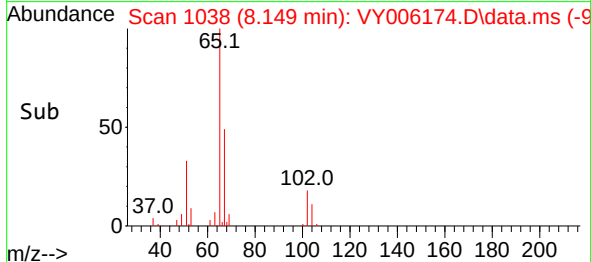
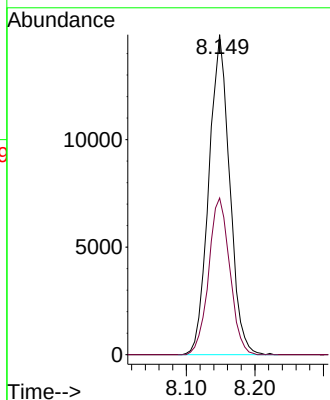
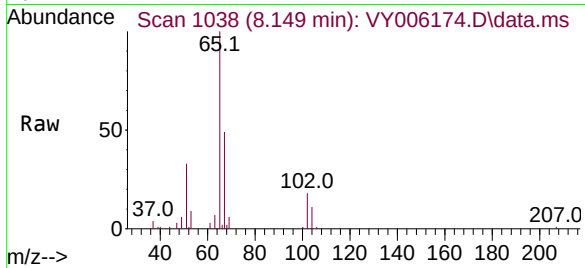




#33
1,2-Dichloroethane-d4
Concen: 44.322 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

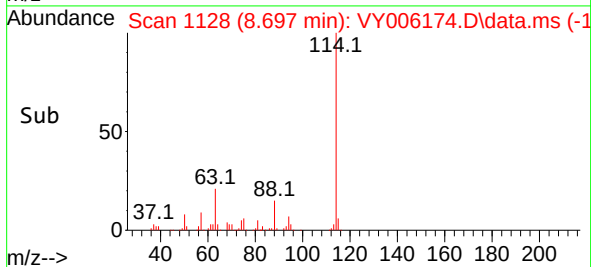
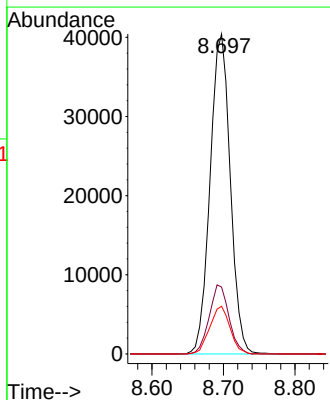
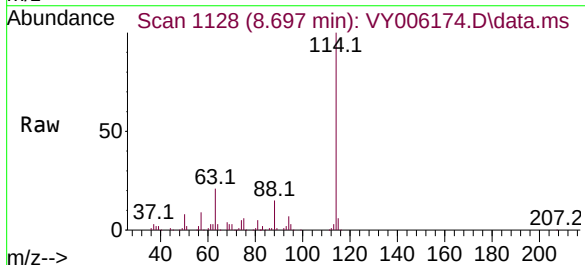
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-02-(5-7)

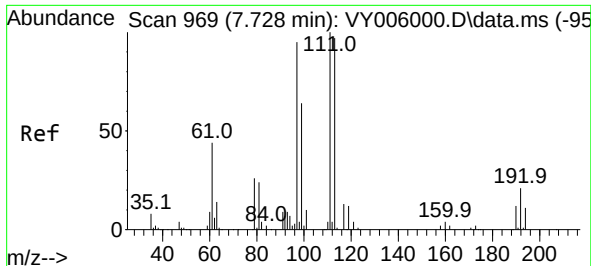
Tgt Ion: 65 Resp: 31372
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

Tgt Ion:114 Resp: 79186
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 14.9 0.0 31.8

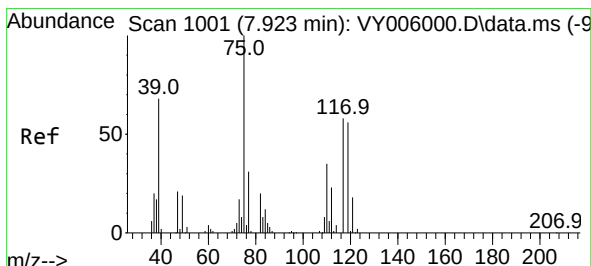
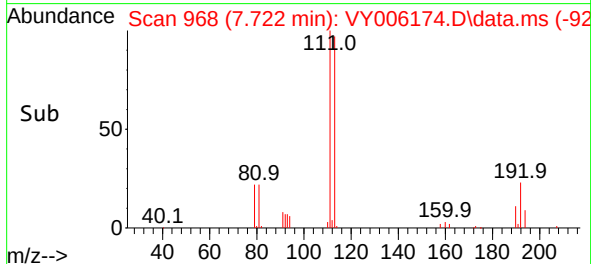
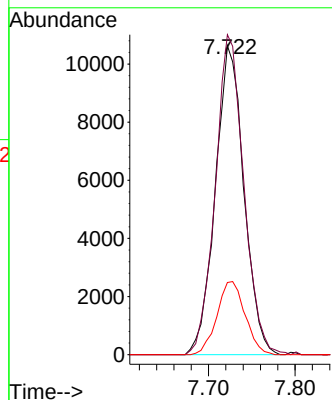
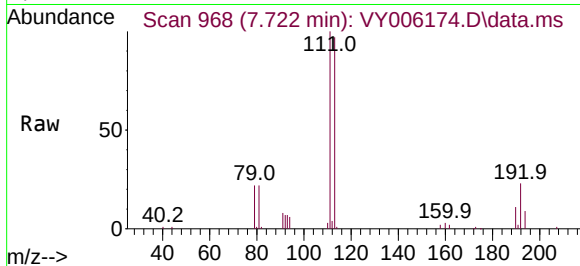




#35
Dibromofluoromethane
Concen: 49.555 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

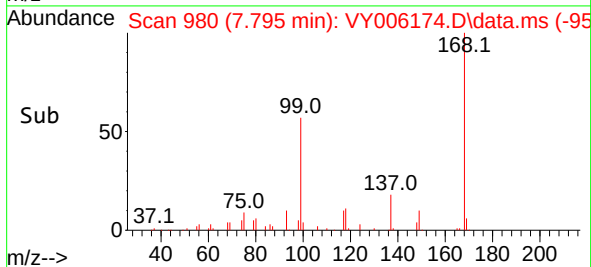
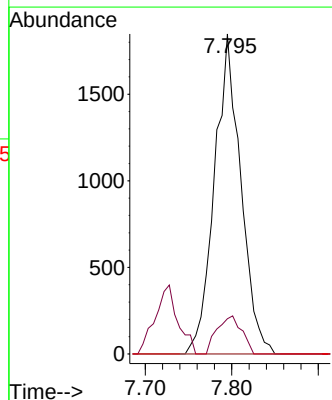
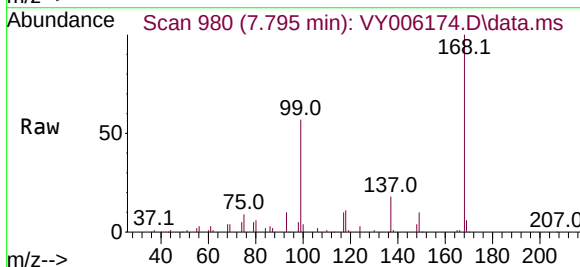
Instrument :
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ClientSampleId :
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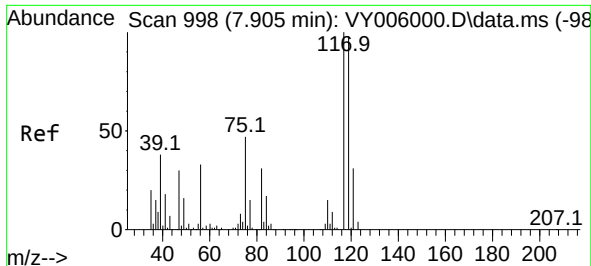
Tgt Ion:113 Resp: 24373
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 23.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.563 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

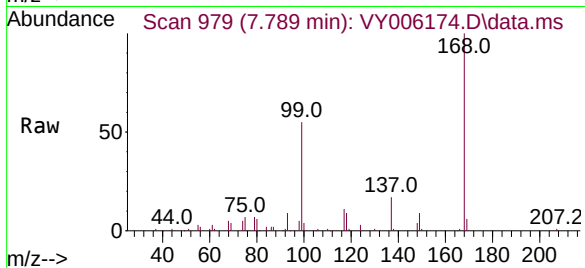
Tgt Ion: 75 Resp: 3900
Ion Ratio Lower Upper
75 100
110 11.2 17.1 51.2#
77 0.0 24.4 36.6#



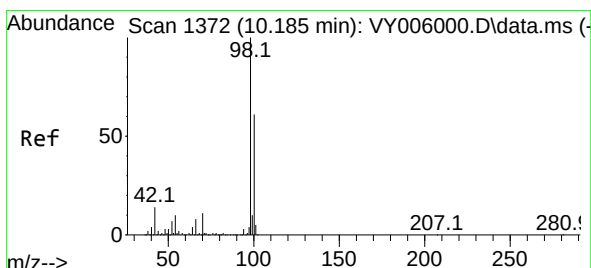
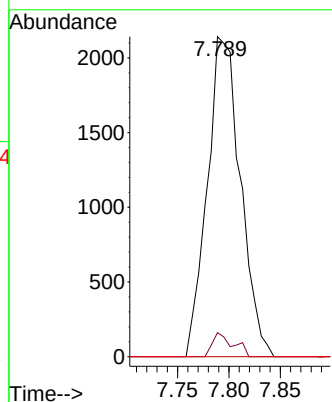
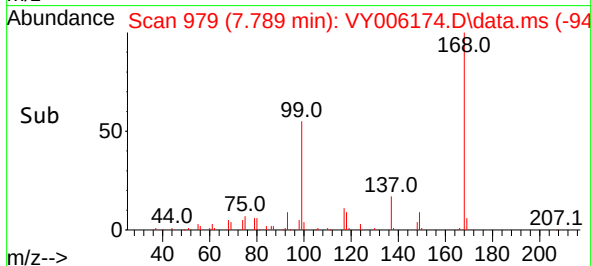


#38
Carbon Tetrachloride
Concen: 5.170 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

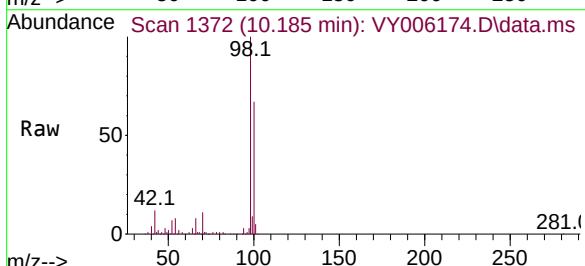
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-02-(5-7)



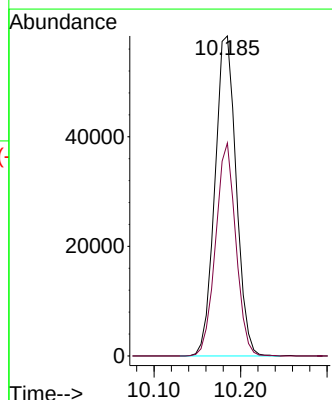
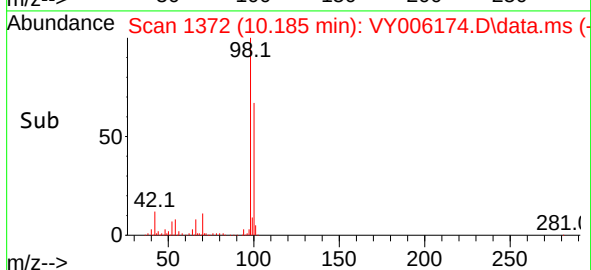
Tgt Ion: 117 Resp: 4810
Ion Ratio Lower Upper
117 100
119 7.5 77.9 116.9#
121 0.0 24.8 37.2#

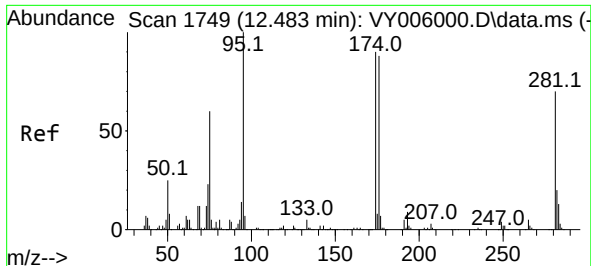


#50
Toluene-d8
Concen: 47.514 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26



Tgt Ion: 98 Resp: 99601
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

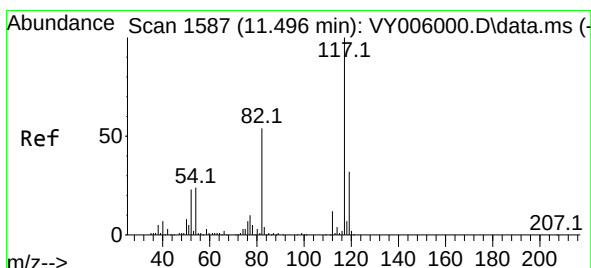
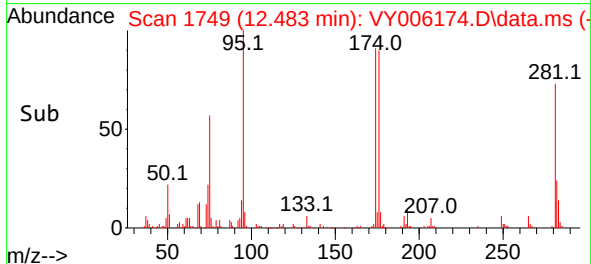
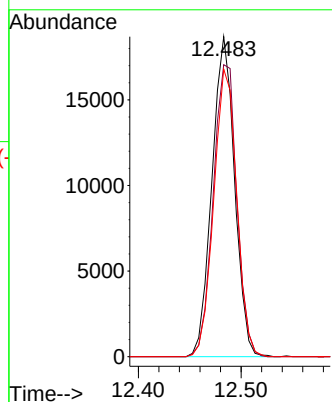
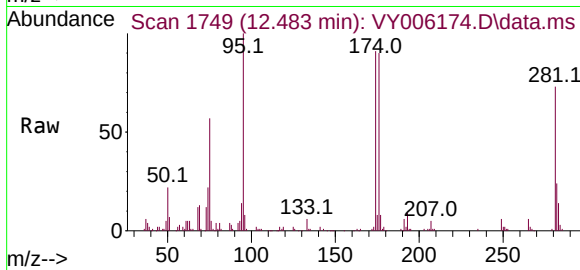




#62
4-Bromofluorobenzene
Concen: 40.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

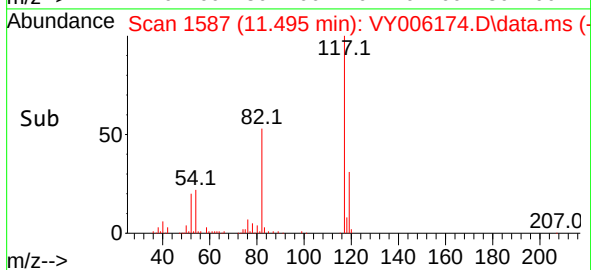
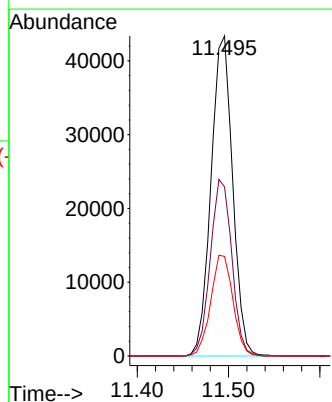
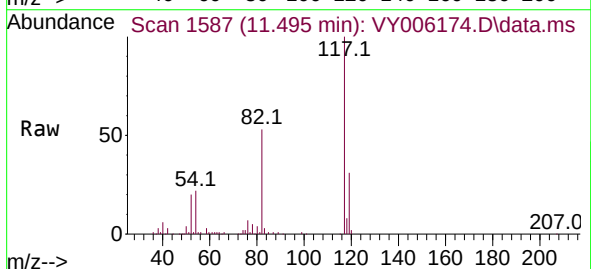
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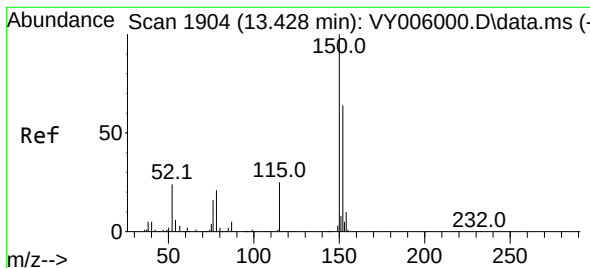
Tgt Ion: 95 Resp: 28593
Ion Ratio Lower Upper
95 100
174 94.9 0.0 177.0
176 90.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

Tgt Ion: 117 Resp: 71115
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.1 25.4 38.0

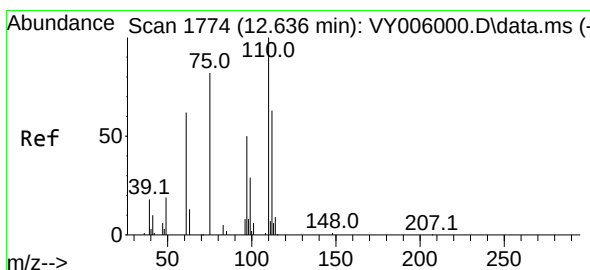
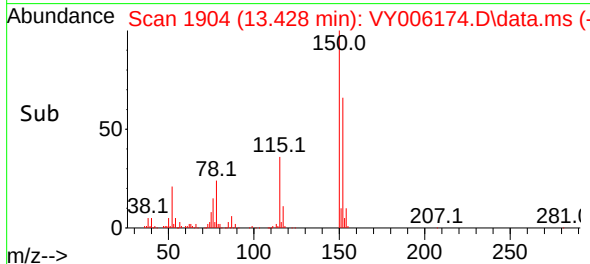
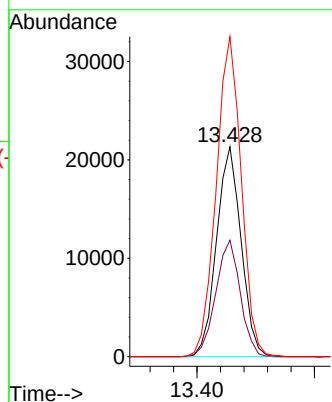
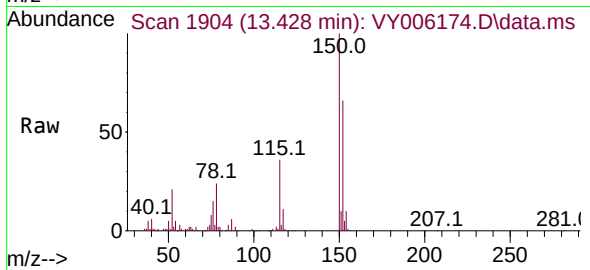




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006174.D
 Acq: 27 Sep 2021 19:26

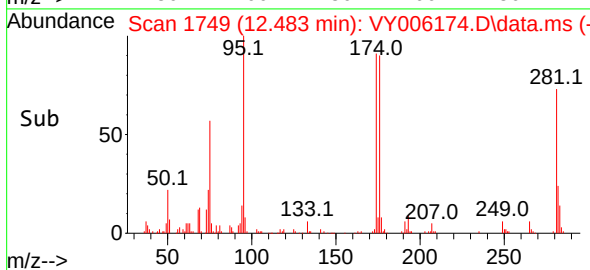
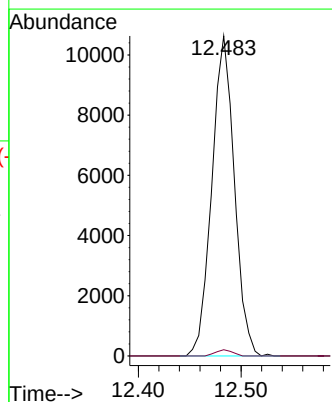
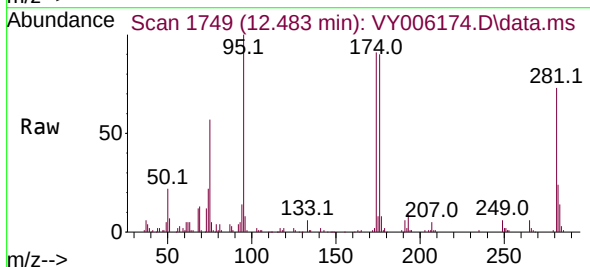
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 SUB-SLAB-02-(5-7)

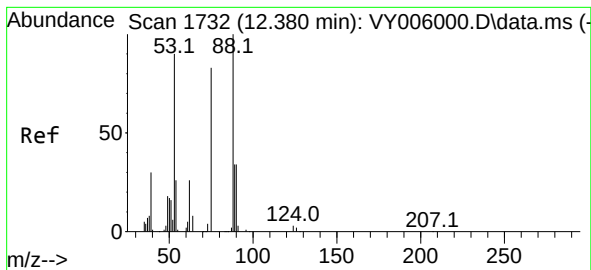
Tgt Ion:152 Resp: 30954
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.2 84.7
 150 155.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.981 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006174.D
 Acq: 27 Sep 2021 19:26

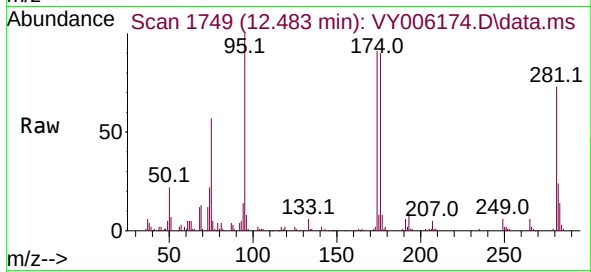
Tgt Ion: 75 Resp: 16165
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.051 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006174.D
 Acq: 27 Sep 2021 19:26

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



Tgt Ion: 75 Resp: 16165
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.8 37.0 55.4#

