

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006201.D
 Acq On : 28 Sep 2021 20:15
 Operator : SY/MD
 Sample : M3938-07
 Misc : 6.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUB-SLAB-08(20-22)

Quant Time: Sep 29 03:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

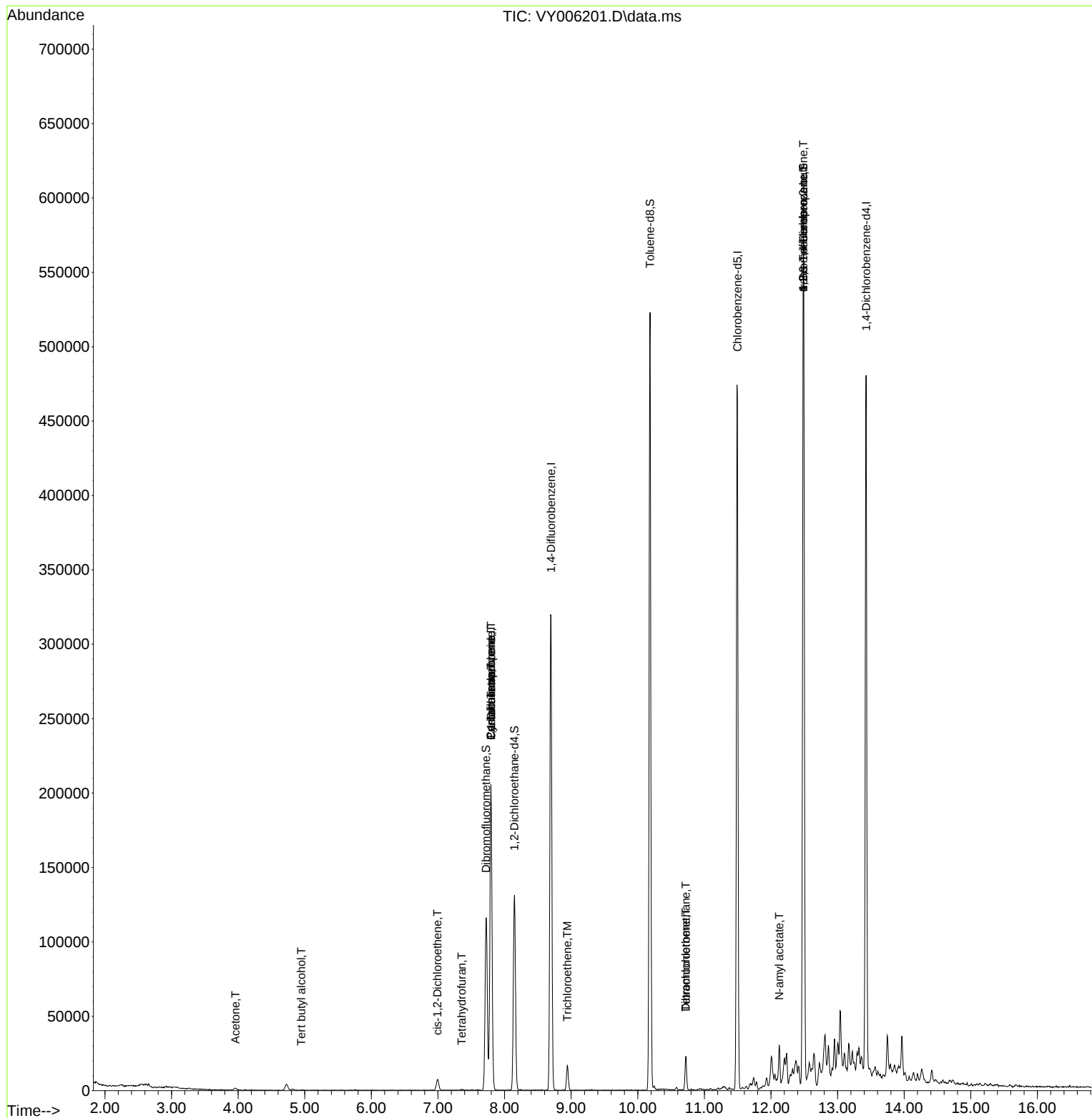
Internal Standards						
1) Pentafluorobenzene	7.795	168	157257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	266472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	247447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108094	64.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.440%	
35) Dibromofluoromethane	7.722	113	79733	56.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.020%	
50) Toluene-d8	10.185	98	333125	55.910	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.820%	
62) 4-Bromofluorobenzene	12.483	95	114699	56.667	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	321	2.180	ug/l #	77
16) Acetone	3.960	43	2552	5.429	ug/l	95
20) Methylene Chloride	4.723	84	2974	Below Cal	#	92
27) cis-1,2-Dichloroethene	6.990	96	4170	2.280	ug/l	88
29) Tetrahydrofuran	7.356	42	468	1.131	ug/l #	55
31) Cyclohexane	7.795	56	3355	1.052	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	12051	4.545	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14955	5.342	ug/l #	16
44) Trichloroethene	8.941	130	5548	2.856	ug/l	91
60) Dibromochloromethane	10.721	129	3734	2.215	ug/l #	11
64) Tetrachloroethene	10.721	164	4792	2.405	ug/l	94
74) N-amyl acetate	12.124	43	6253	2.403	ug/l #	65
76) 1,2,3-Trichloropropane	12.483	75	65478	57.560	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65478	113.113	ug/l #	8

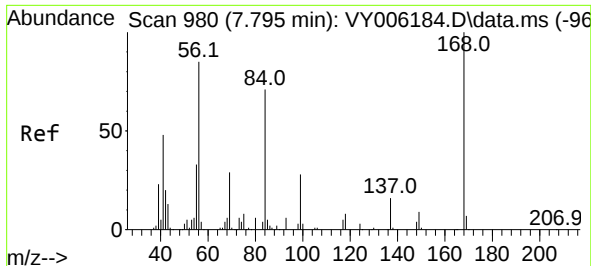
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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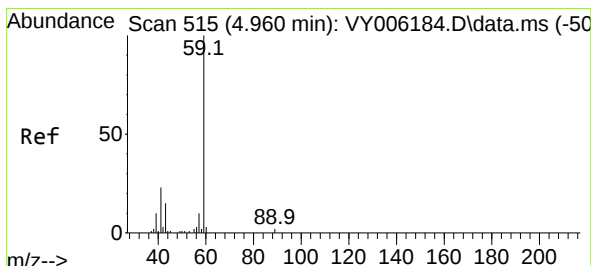
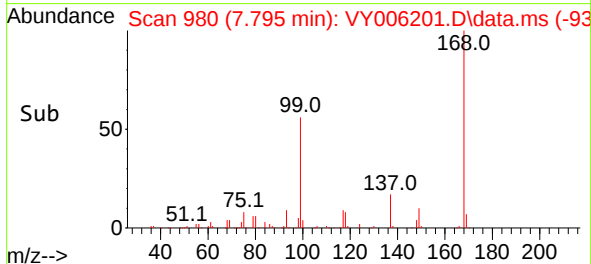
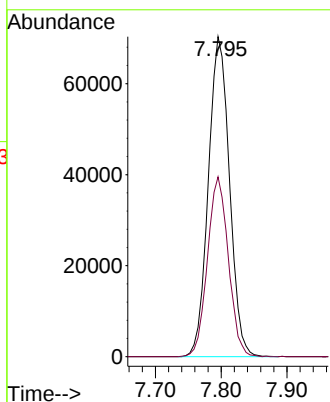
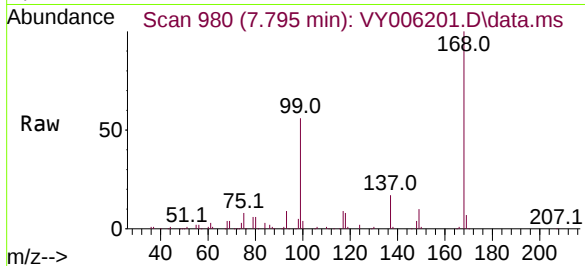




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

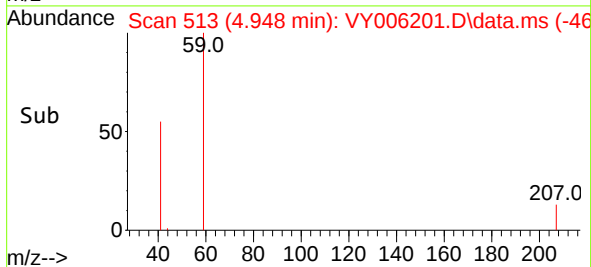
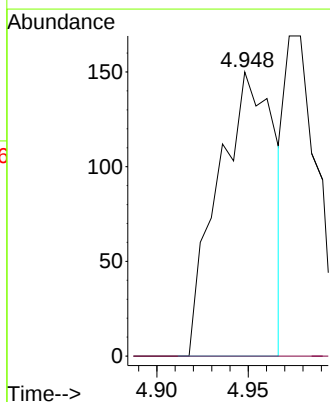
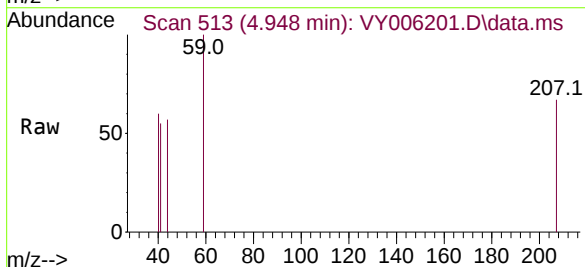
Instrument :
MSVOA_Y
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SUB-SLAB-08(20-22)

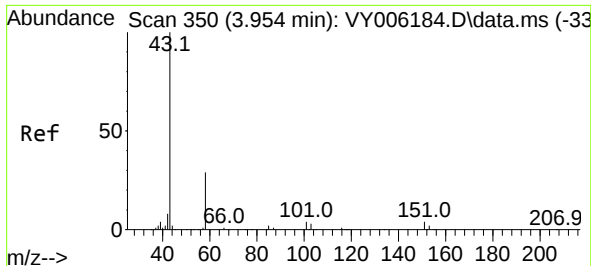
Tgt Ion:168 Resp: 157257
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.180 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

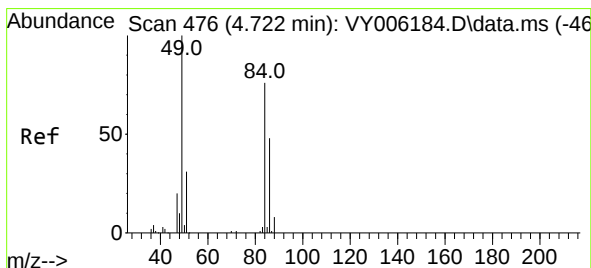
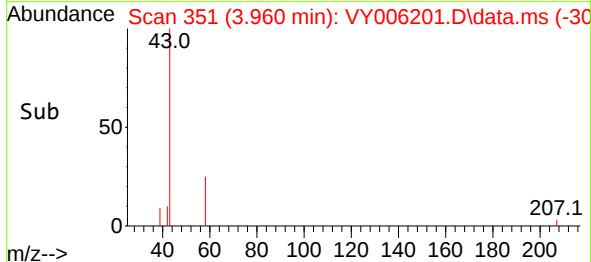
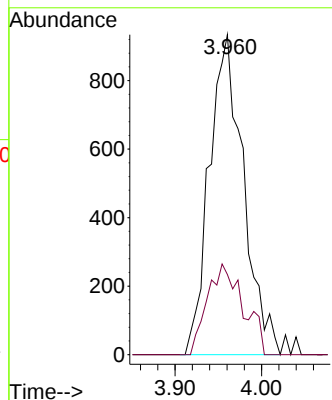
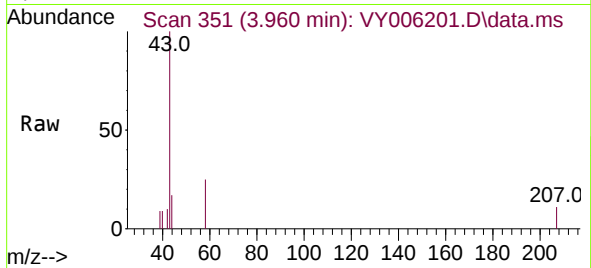




#16
Acetone
Concen: 5.429 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

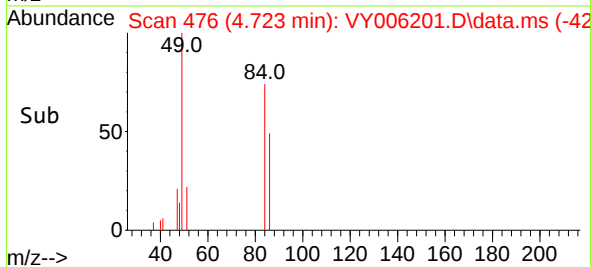
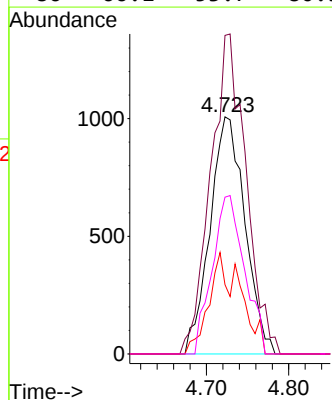
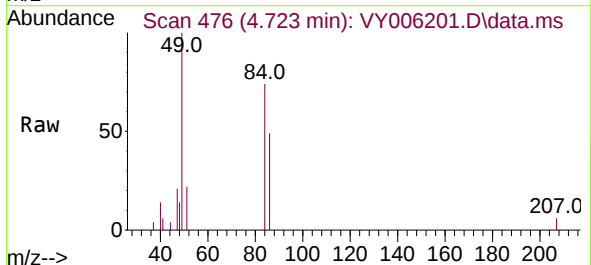
Instrument :
MSVOA_Y
ClientSampleId :
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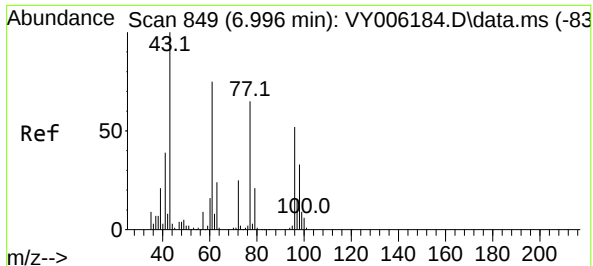
Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
58 25.1 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 84 Resp: 2974
Ion Ratio Lower Upper
84 100
49 134.3 114.4 171.6
51 29.2 35.3 52.9#
86 66.1 53.7 80.5





#27

cis-1,2-Dichloroethene

Concen: 2.280 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006201.D

Acq: 28 Sep 2021 20:15

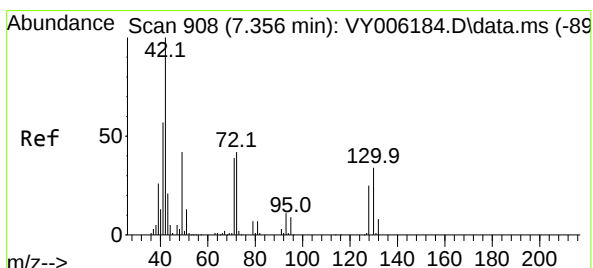
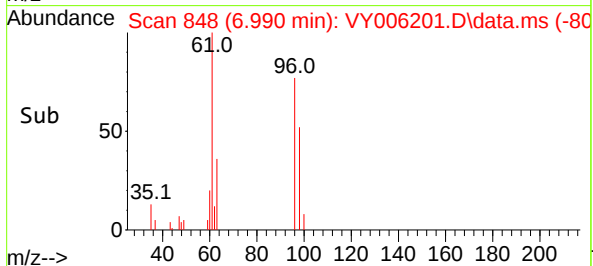
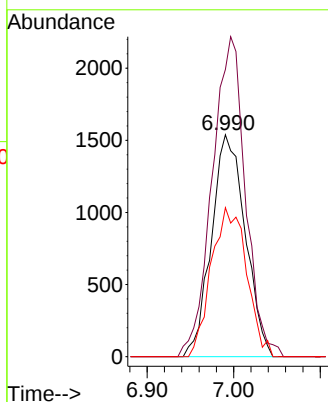
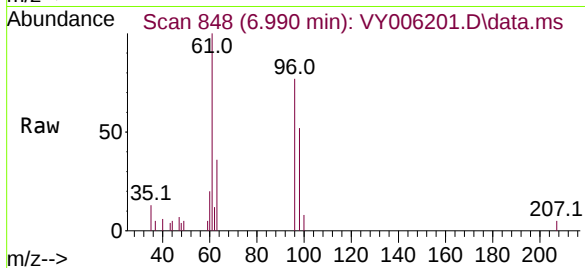
Instrument :

MSVOA_Y

ClientSampleId :

SUB-SLAB-08(20-22)

Tgt Ion:	96	Resp:	4170
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	319.8
98	70.0	0.0	127.0



#29

Tetrahydrofuran

Concen: 1.131 ug/l

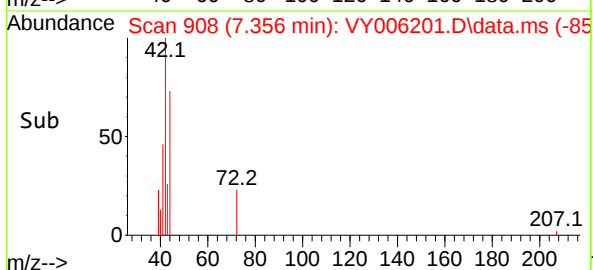
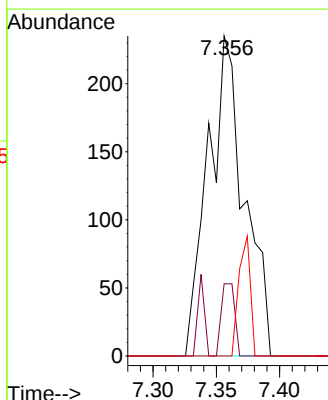
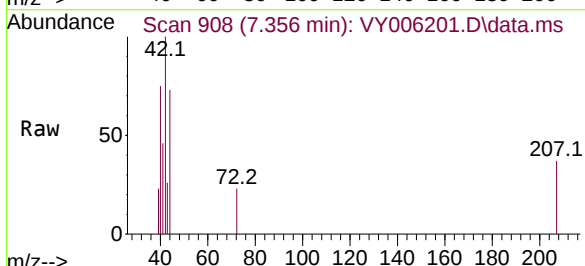
RT: 7.356 min Scan# 908

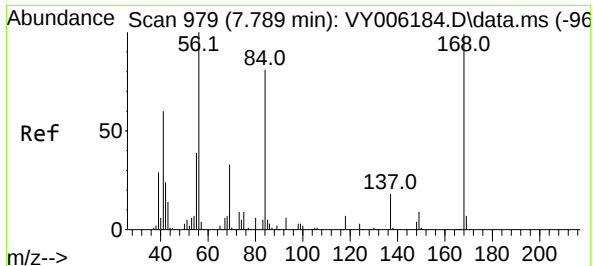
Delta R.T. 0.000 min

Lab File: VY006201.D

Acq: 28 Sep 2021 20:15

Tgt Ion:	42	Resp:	468
Ion	Ratio	Lower	Upper
42	100		
72	8.3	30.3	45.5#
71	12.0	29.0	43.4#

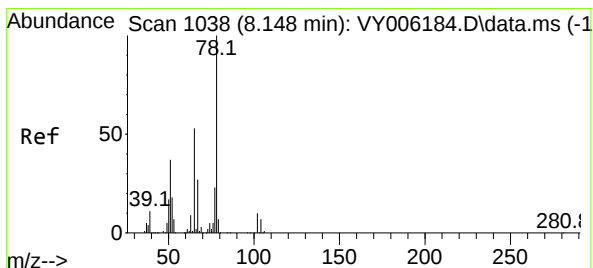
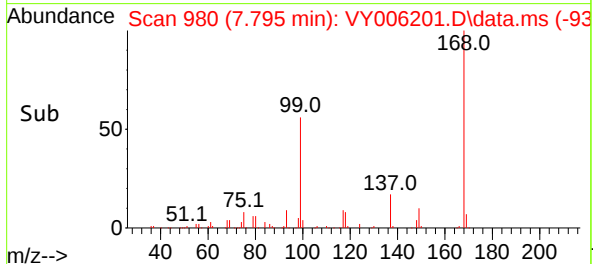
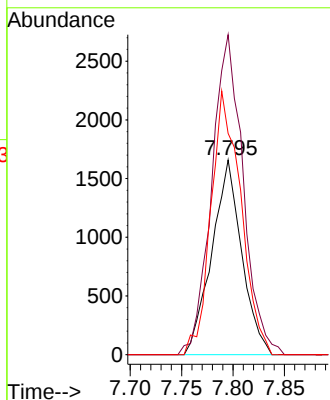
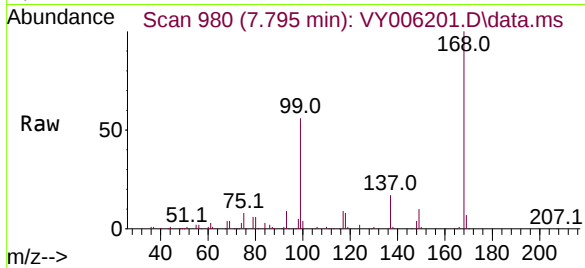




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

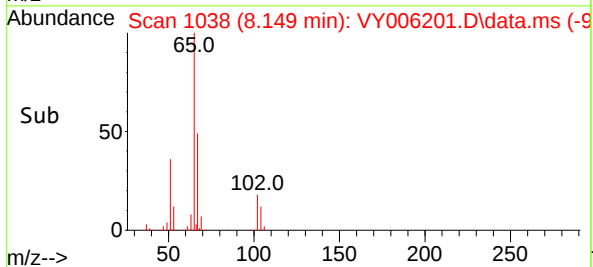
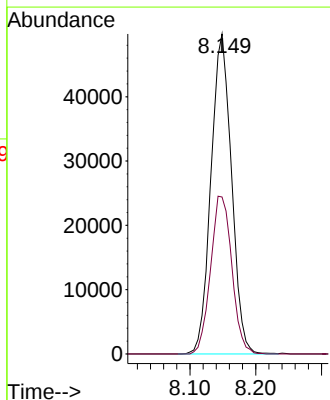
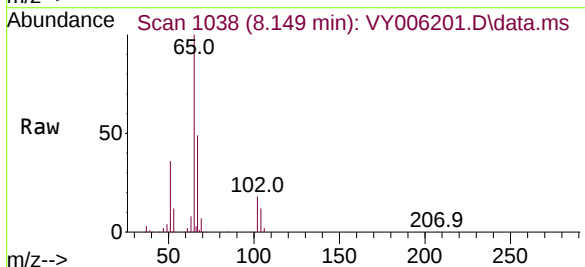
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(20-22)

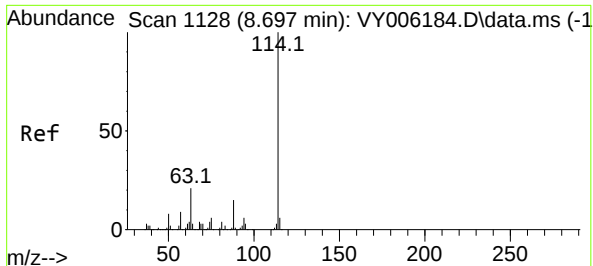
Tgt Ion: 56 Resp: 3355
Ion Ratio Lower Upper
56 100
69 164.3 26.7 40.1#
84 113.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.223 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 65 Resp: 108094
Ion Ratio Lower Upper
65 100
67 51.0 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: VY006201.D

Acq: 28 Sep 2021 20:15

Tgt Ion:114 Resp: 266472

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

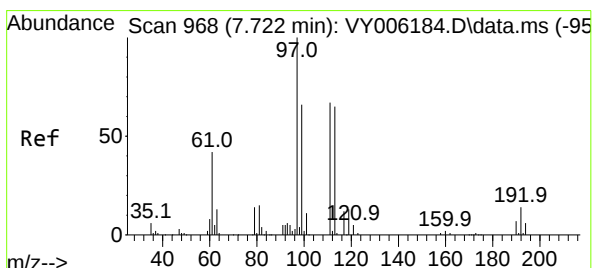
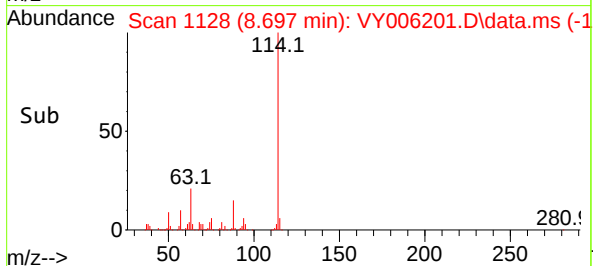
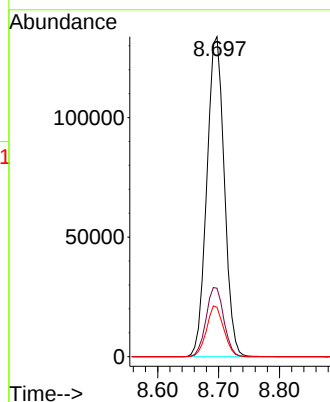
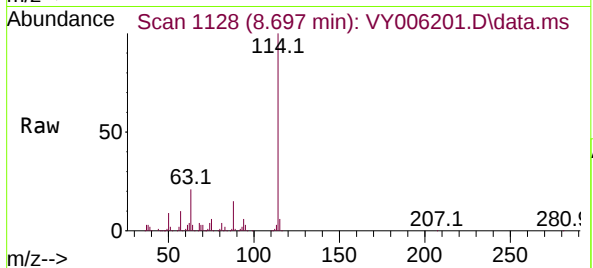
88 15.5 0.0 31.8

Instrument :

MSVOA_Y

ClientSampleId :

SUB-SLAB-08(20-22)



#35

Dibromofluoromethane

Concen: 56.006 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006201.D

Acq: 28 Sep 2021 20:15

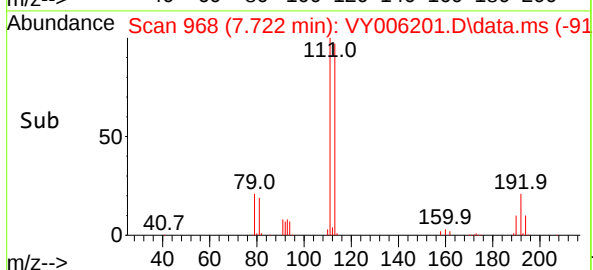
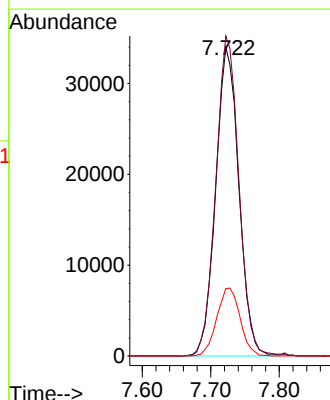
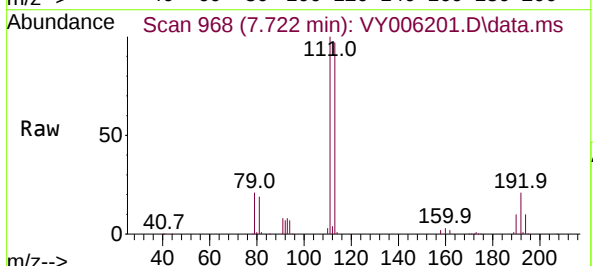
Tgt Ion:113 Resp: 79733

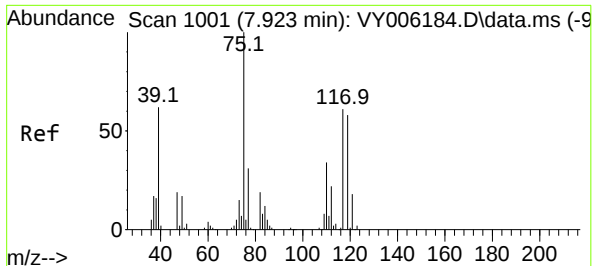
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 22.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.545 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006201.D

Acq: 28 Sep 2021 20:15

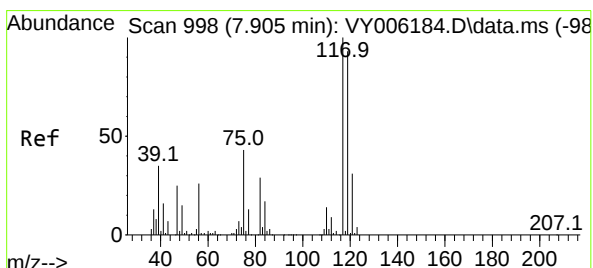
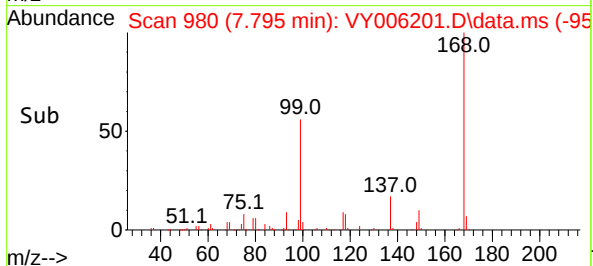
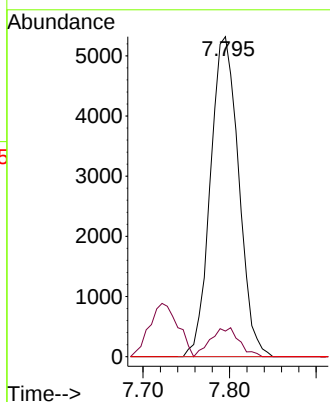
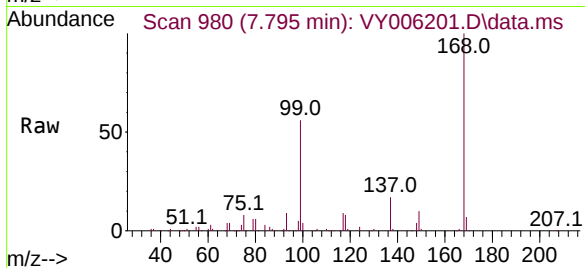
Tgt Ion:	75	Resp:	12051
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :

MSVOA_Y

ClientSampleId :

SUB-SLAB-08(20-22)



#38

Carbon Tetrachloride

Concen: 5.342 ug/l

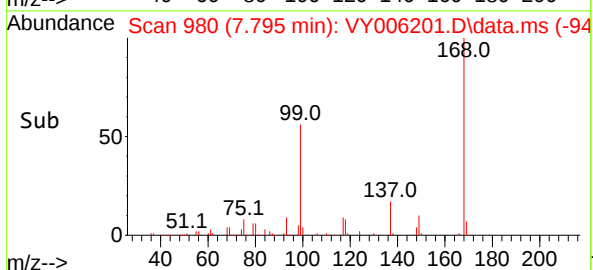
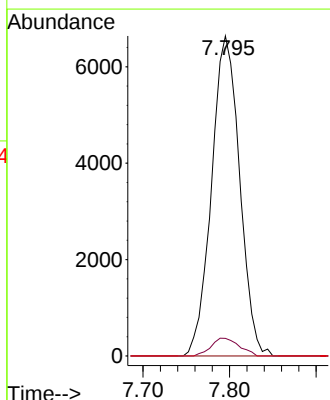
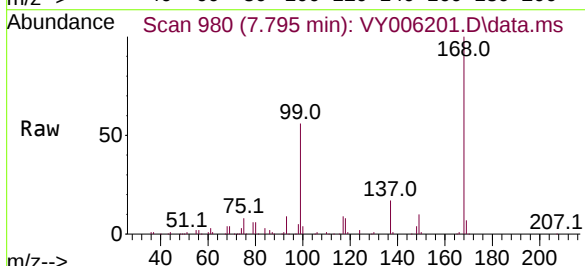
RT: 7.795 min Scan# 980

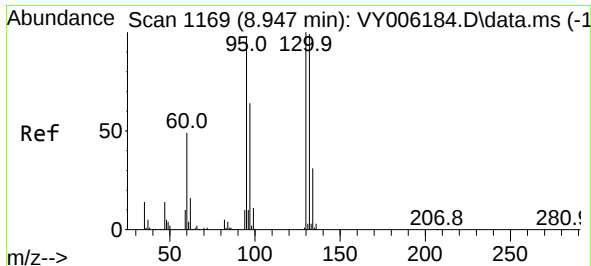
Delta R.T. -0.109 min

Lab File: VY006201.D

Acq: 28 Sep 2021 20:15

Tgt Ion:	117	Resp:	14955
Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.9	116.9#
121	0.0	24.8	37.2#

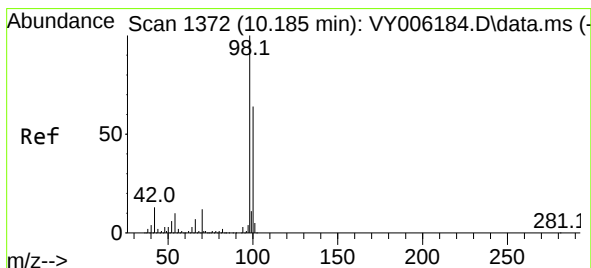
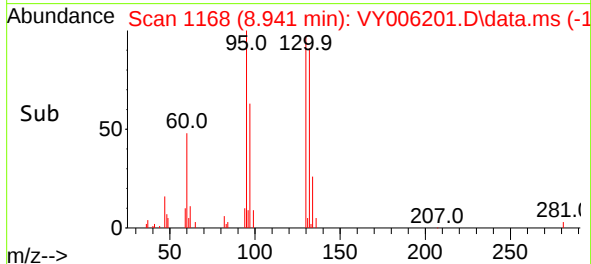
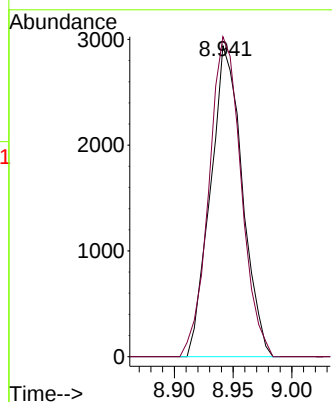
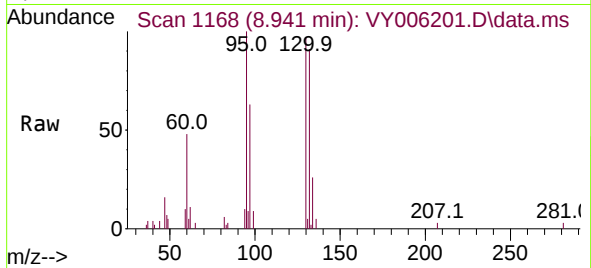




#44
Trichloroethene
Concen: 2.856 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

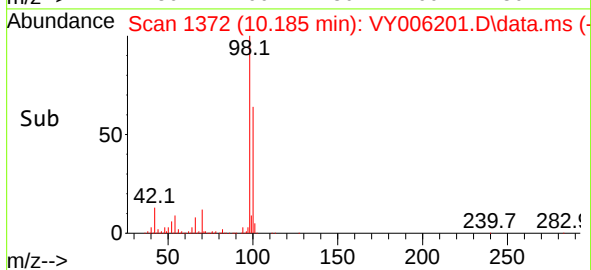
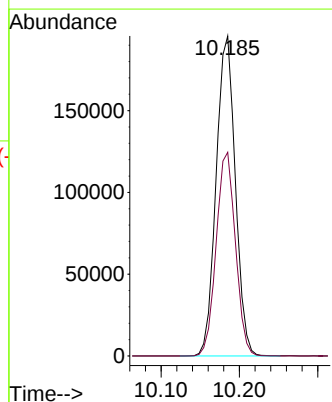
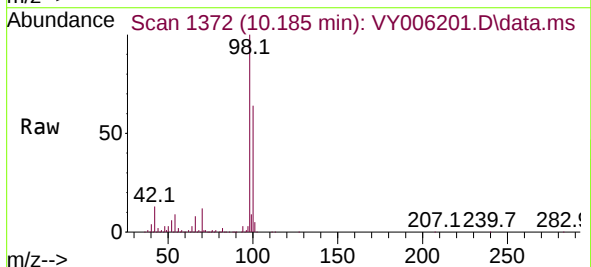
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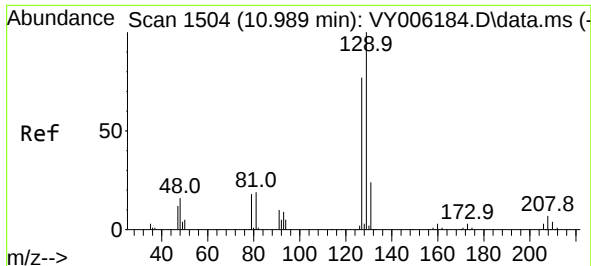
Tgt Ion:130 Resp: 5548
Ion Ratio Lower Upper
130 100
95 102.9 0.0 188.2



#50
Toluene-d8
Concen: 55.910 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 98 Resp: 333125
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

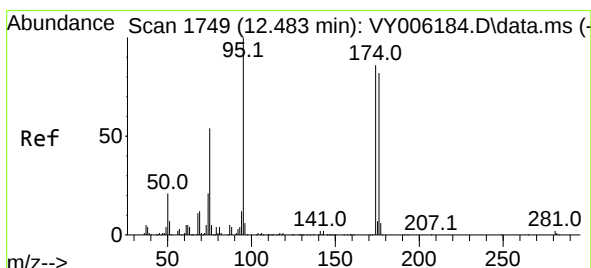
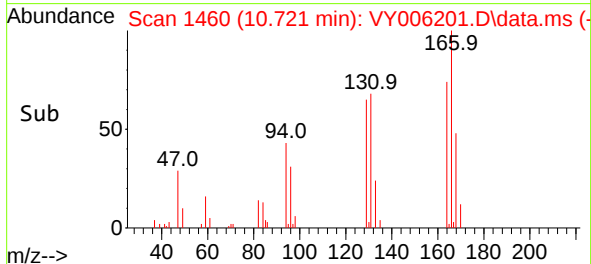
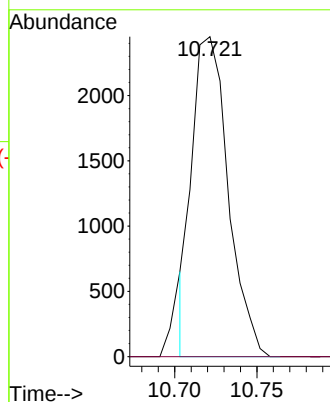
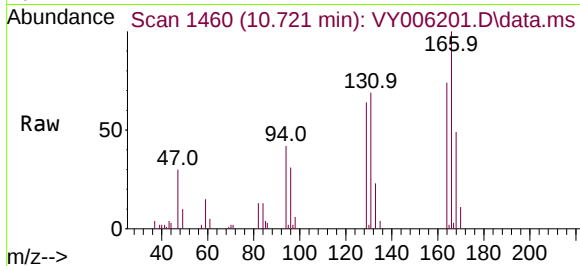




#60
Dibromochloromethane
Concen: 2.215 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

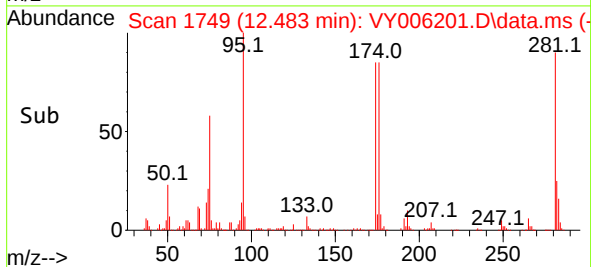
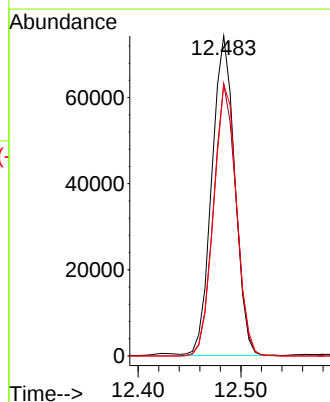
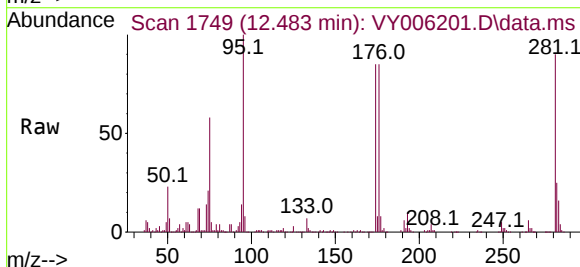
Instrument :
MSVOA_Y
ClientSampleId :
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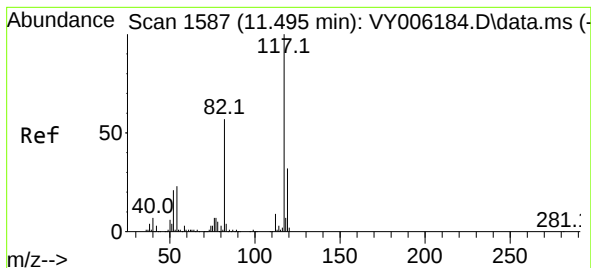
Tgt Ion:129 Resp: 3734
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 56.667 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 95 Resp: 114699
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 85.0 0.0 175.8

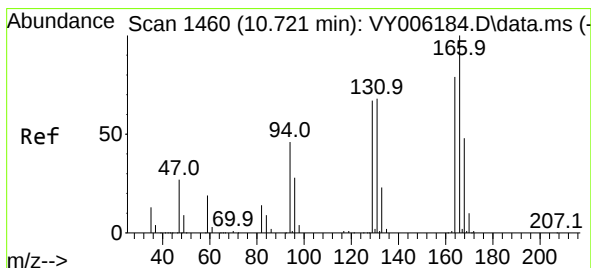
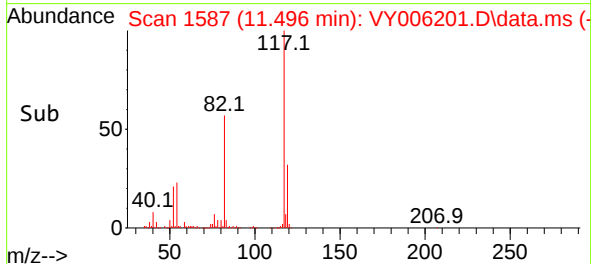
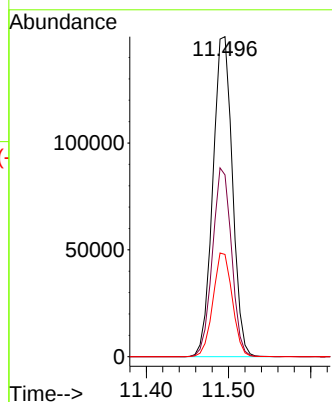
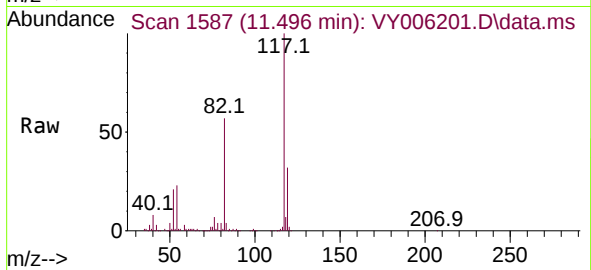




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

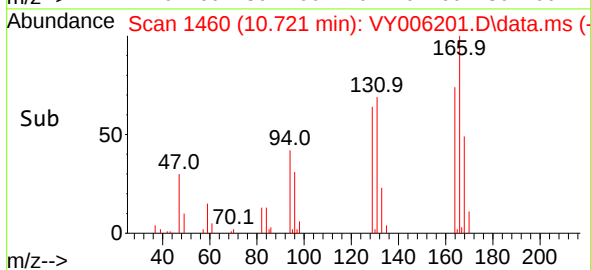
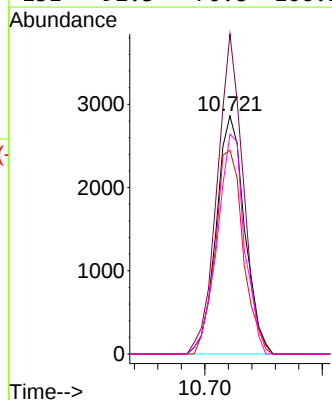
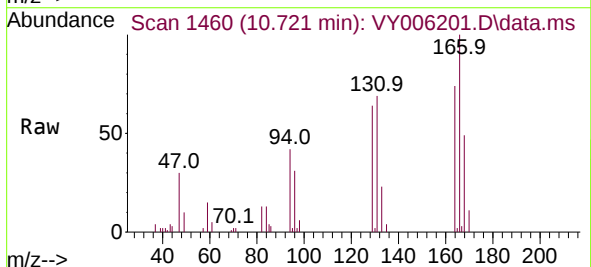
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(20-22)

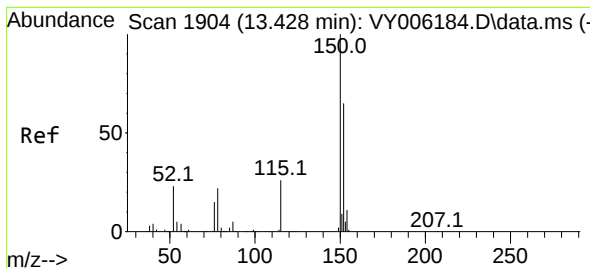
Tgt Ion:	117	Resp:	247447
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.0	64.4
119	31.9	25.4	38.0



#64
Tetrachloroethene
Concen: 2.405 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Tgt Ion:	164	Resp:	4792
Ion Ratio	Lower	Upper	
164	100		
166	134.4	100.4	150.6
129	85.7	71.4	107.0
131	92.3	70.8	106.2

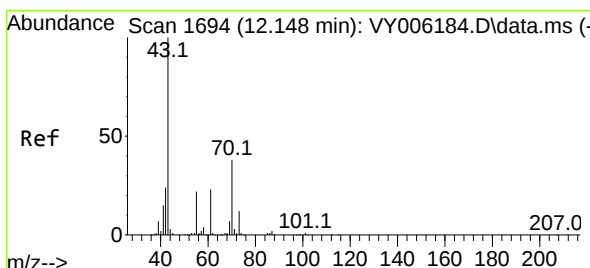
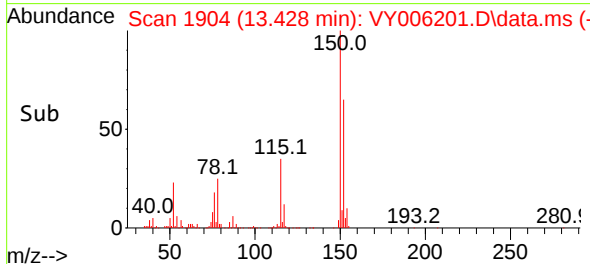
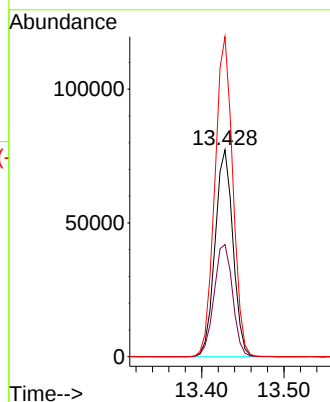
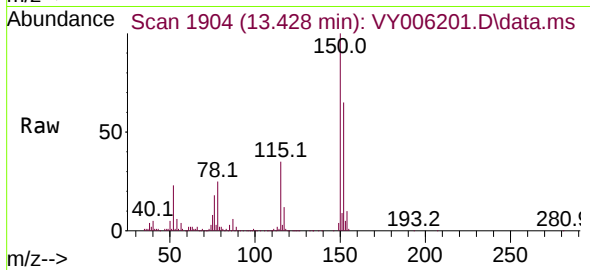




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

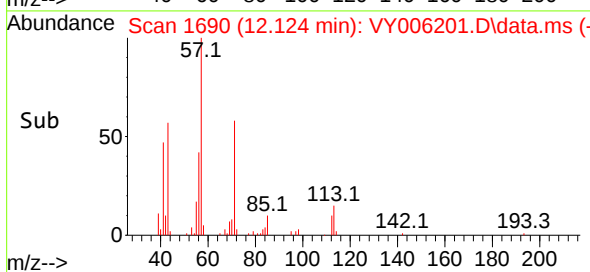
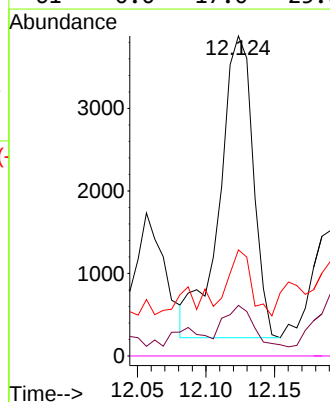
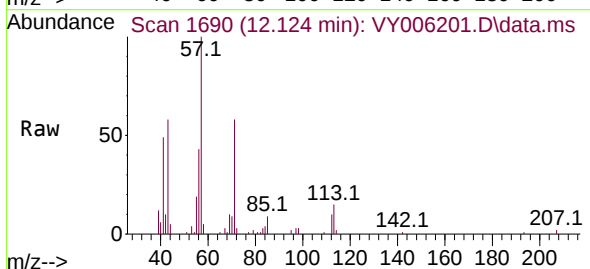
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(20-22)

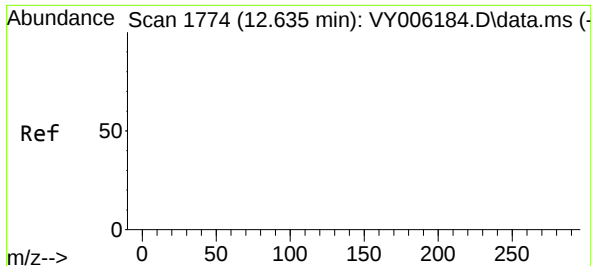
Tgt Ion:152 Resp: 117040
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 155.0 0.0 347.6



#74
N-ethyl acetate
Concen: 2.403 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 43 Resp: 6253
Ion Ratio Lower Upper
43 100
70 11.8 28.7 43.1#
55 14.7 17.3 25.9#
61 0.0 17.0 25.6#

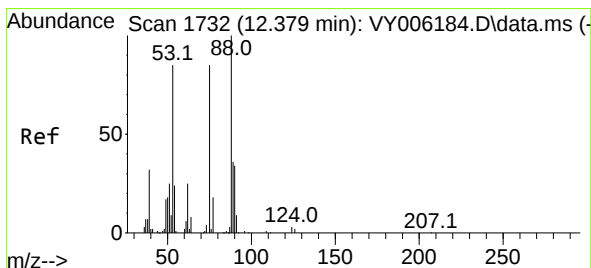
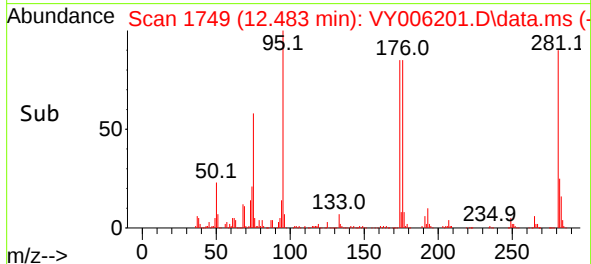
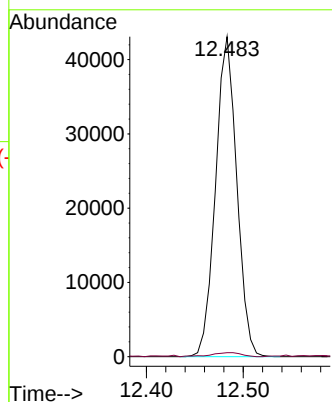
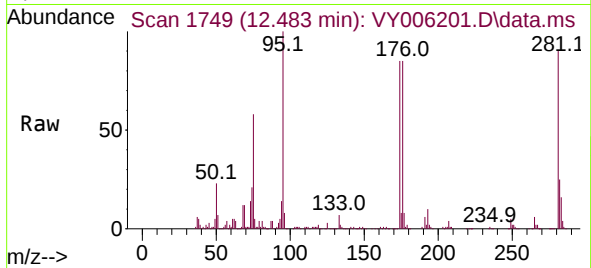




#76
1,2,3-Trichloropropane
Concen: 57.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-08(20-22)

Tgt Ion: 75 Resp: 65478
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.113 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006201.D
Acq: 28 Sep 2021 20:15

Tgt Ion: 75 Resp: 65478
Ion Ratio Lower Upper
75 100
53 0.8 85.3 127.9#
89 0.9 37.0 55.4#

