

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006146.D
 Acq On : 24 Sep 2021 18:15
 Operator : SY/MD
 Sample : M3927-17
 Misc : 6.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-03

Quant Time: Sep 25 05:47:22 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)

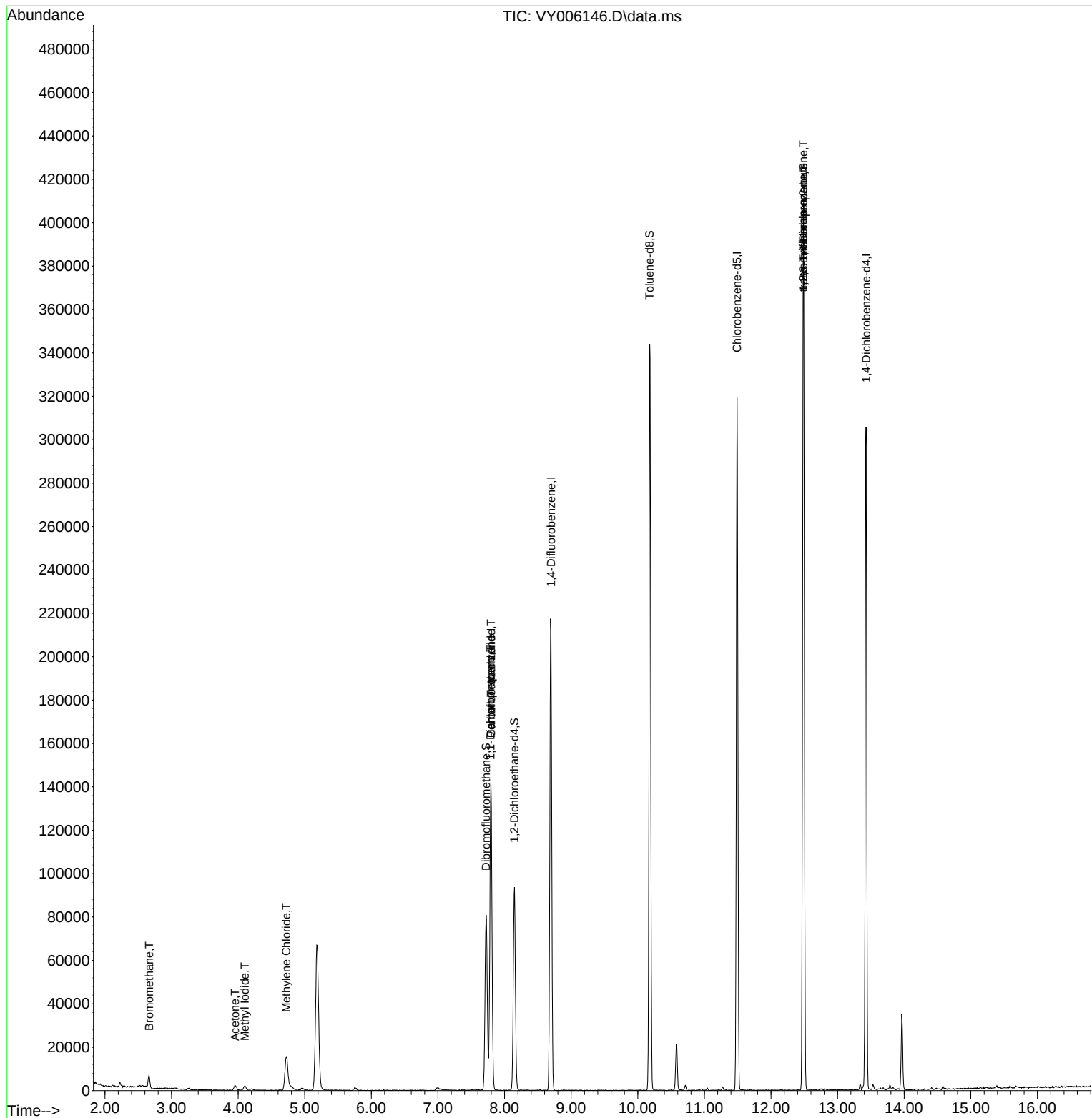
Internal Standards						
1) Pentafluorobenzene	7.795	168	110781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	166699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77285	50.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.440%	
35) Dibromofluoromethane	7.722	113	53934	48.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.700%	
50) Toluene-d8	10.179	98	222111	46.716	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.440%	
62) 4-Bromofluorobenzene	12.483	95	69761	43.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	3346	3.139	ug/l	93
10) Methyl Iodide	4.101	142	3222	2.846	ug/l	93
11) Tert butyl alcohol	4.954	59	1817	Below Cal	#	80
16) Acetone	3.954	43	4051	9.598	ug/l #	85
20) Methylene Chloride	4.723	84	11220	4.269	ug/l	88
36) 1,1-Dichloropropene	7.789	75	8216	4.238	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10812	5.123	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42084	50.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42084	92.520	ug/l #	8

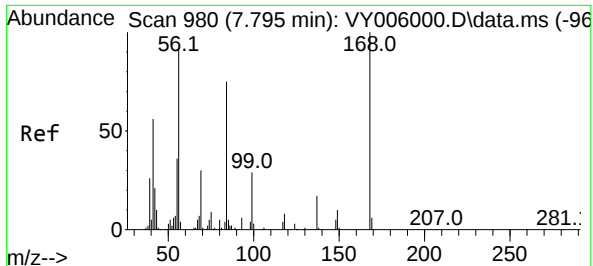
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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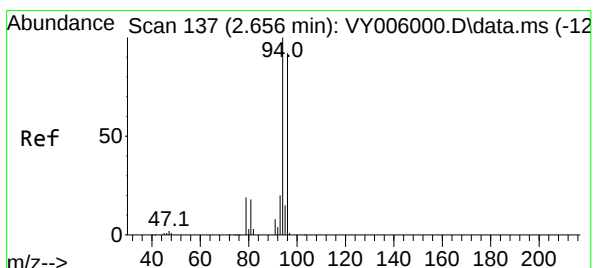
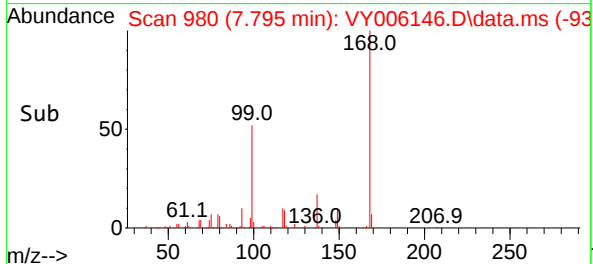
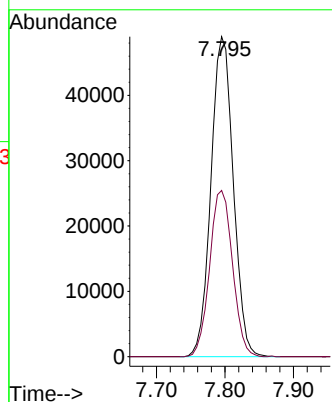
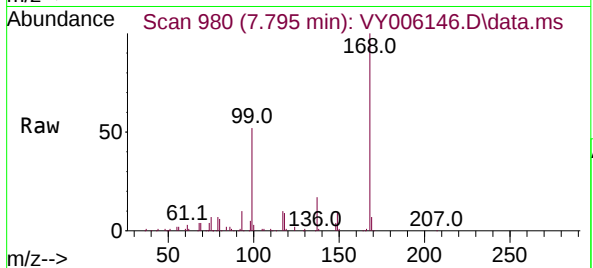




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

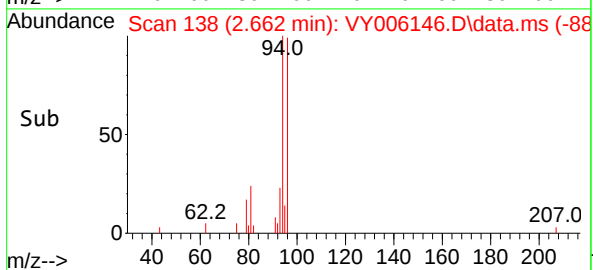
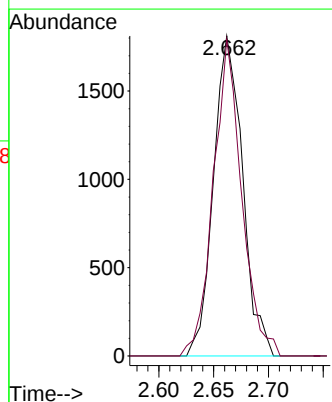
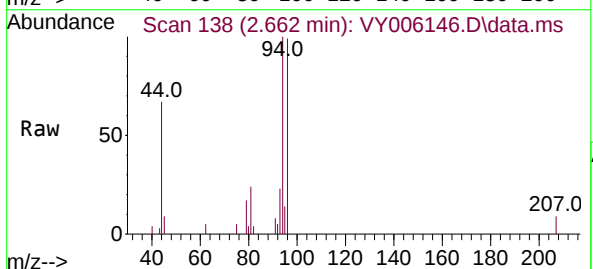
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-03

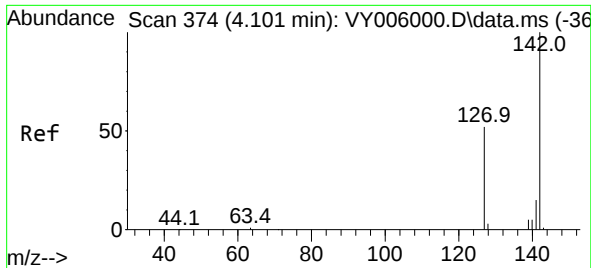
Tgt Ion:168 Resp: 110781
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#5
Bromomethane
Concen: 3.139 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

Tgt Ion: 94 Resp: 3346
Ion Ratio Lower Upper
94 100
96 99.0 73.5 110.3

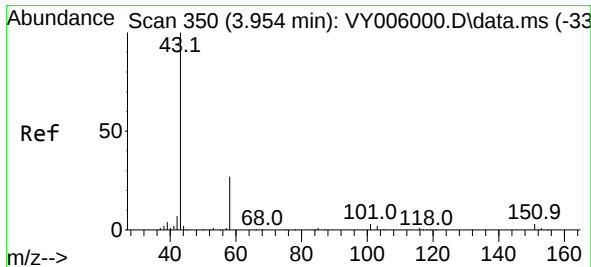
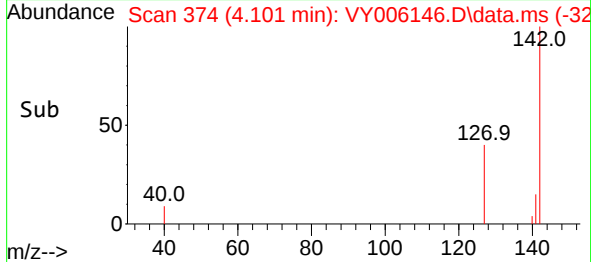
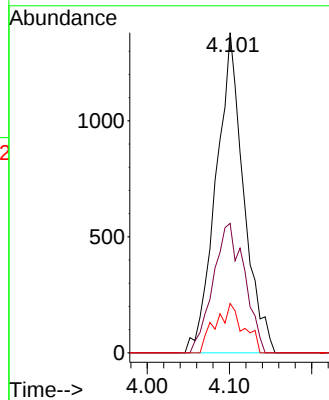
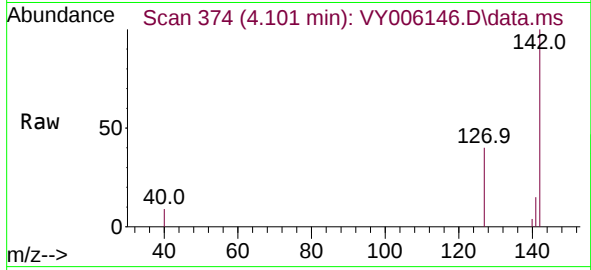




#10
Methyl Iodide
Concen: 2.846 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

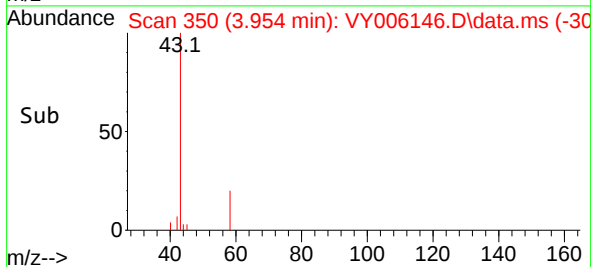
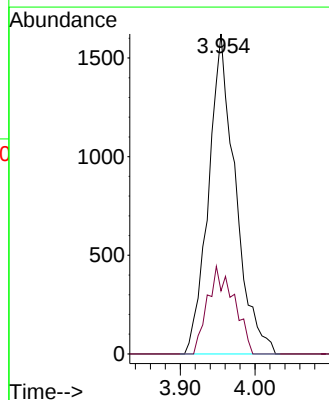
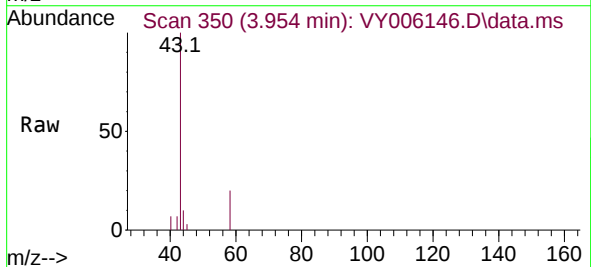
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-03

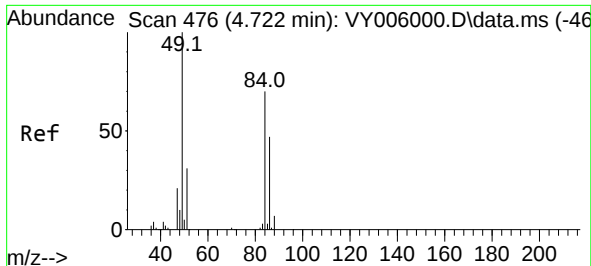
Tgt Ion:142	Resp:	3222
Ion Ratio	Lower	Upper
142	100	
127	46.0	41.5 62.3
141	15.6	11.9 17.9



#16
Acetone
Concen: 9.598 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

Tgt Ion: 43	Resp:	4051
Ion Ratio	Lower	Upper
43	100	
58	19.7	22.0 33.0#

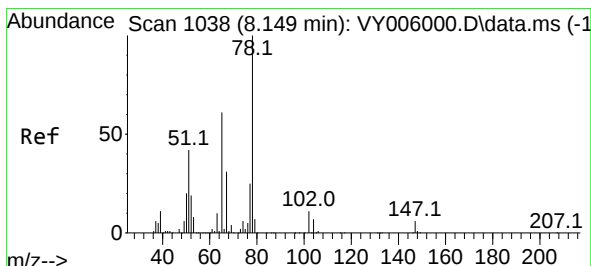
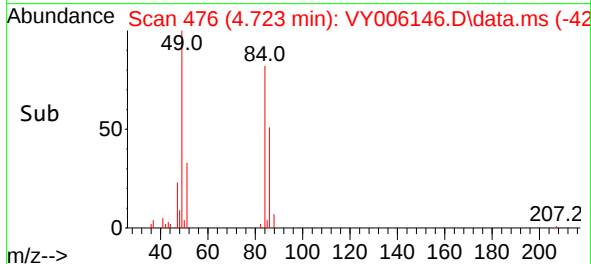
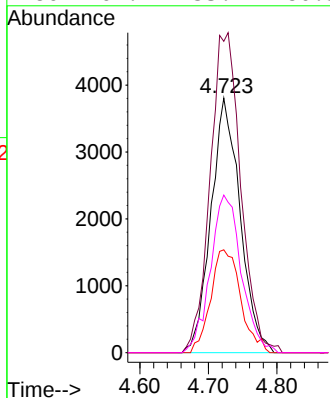
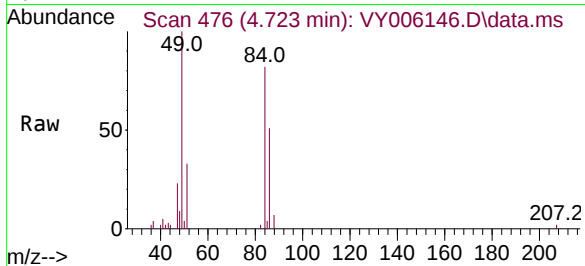




#20
Methylene Chloride
Concen: 4.269 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

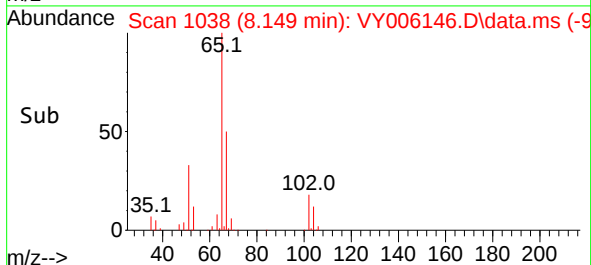
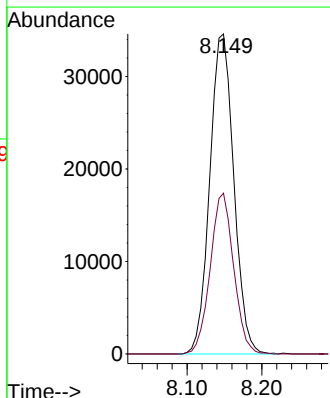
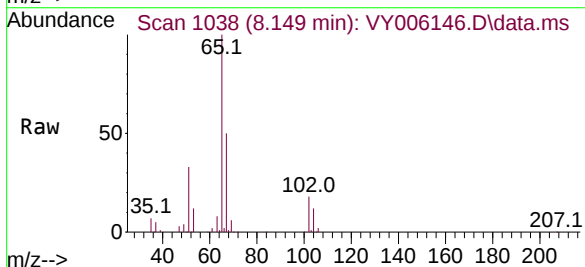
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-03

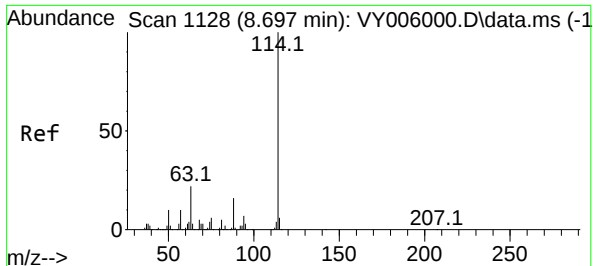
Tgt Ion:	84	Resp:	11220
Ion	Ratio	Lower	Upper
84	100		
49	122.3	114.4	171.6
51	40.4	35.3	52.9
86	61.9	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 50.224 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

Tgt Ion:	65	Resp:	77285
Ion	Ratio	Lower	Upper
65	100		
67	49.1	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: VY006146.D

Acq: 24 Sep 2021 18:15

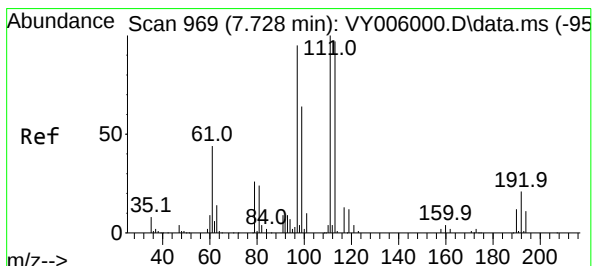
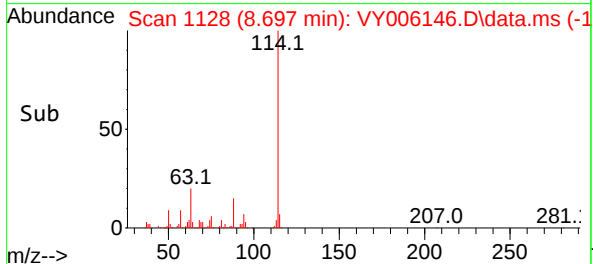
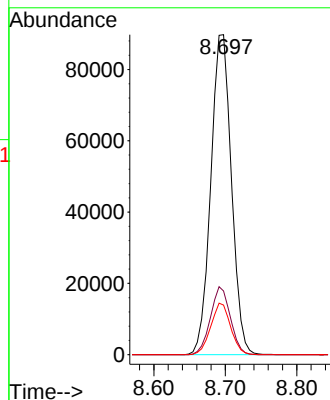
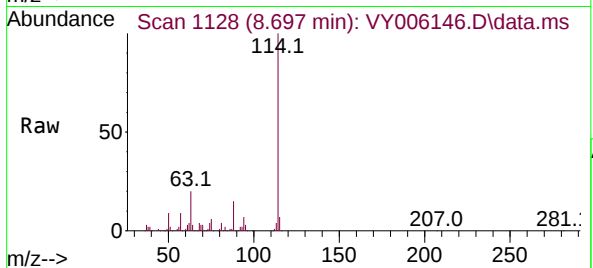
Tgt Ion:114 Resp: 179604

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.347 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006146.D

Acq: 24 Sep 2021 18:15

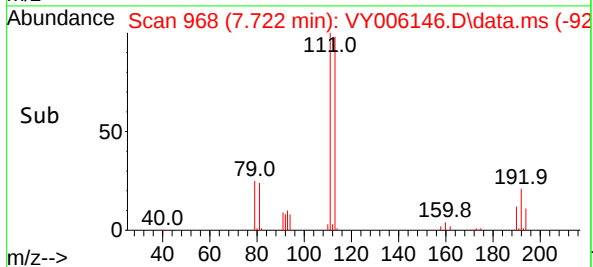
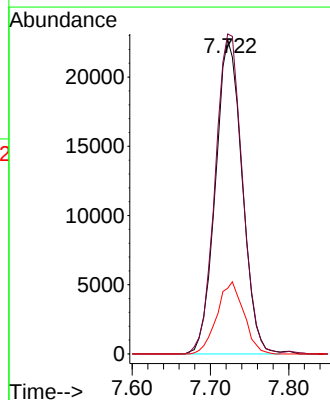
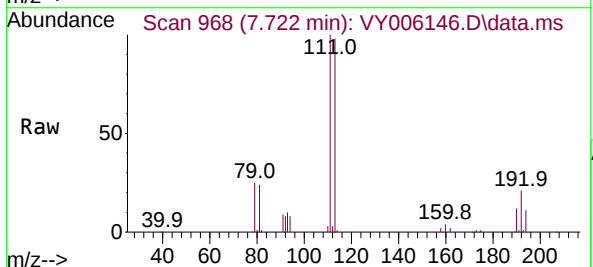
Tgt Ion:113 Resp: 53934

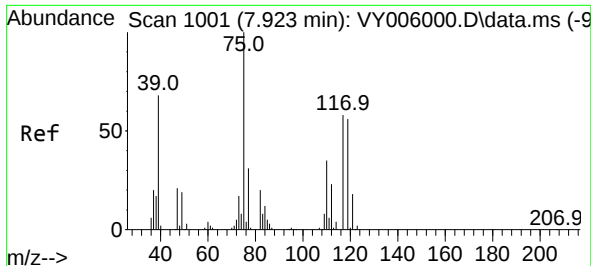
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 23.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.238 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY006146.D

Acq: 24 Sep 2021 18:15

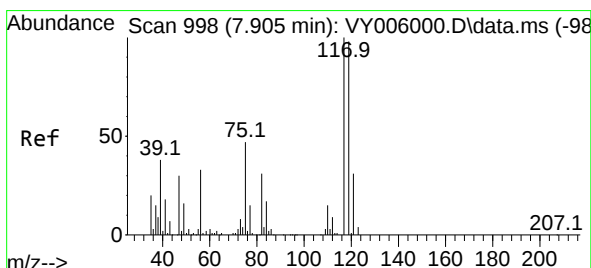
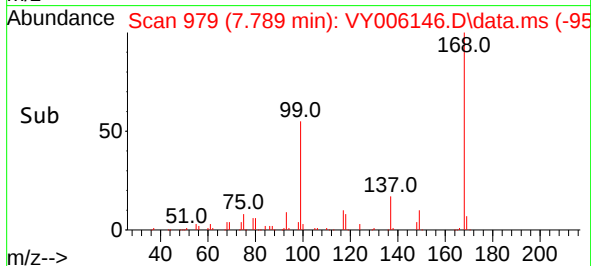
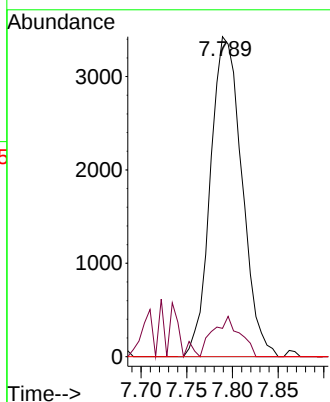
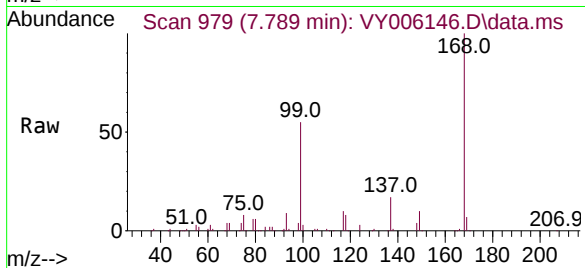
Instrument :

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ClientSampleId :

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Tgt Ion:	75	Resp:	8216
Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.123 ug/l

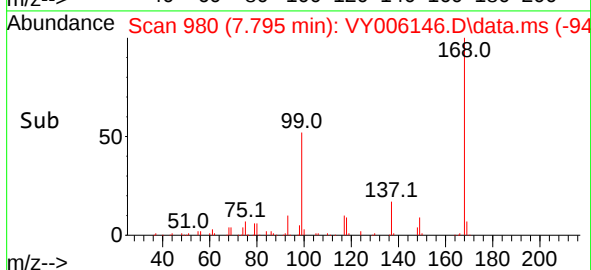
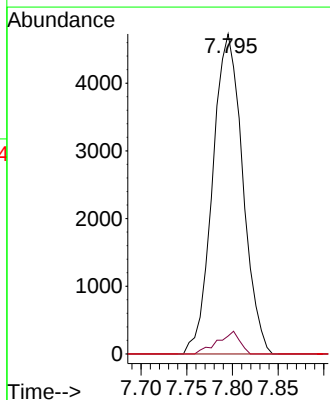
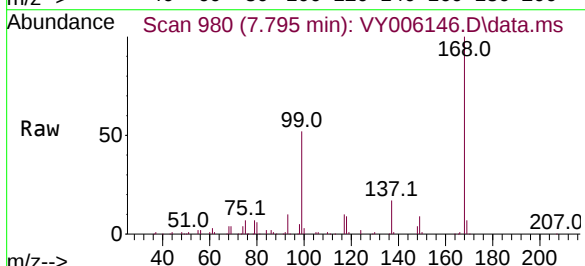
RT: 7.795 min Scan# 980

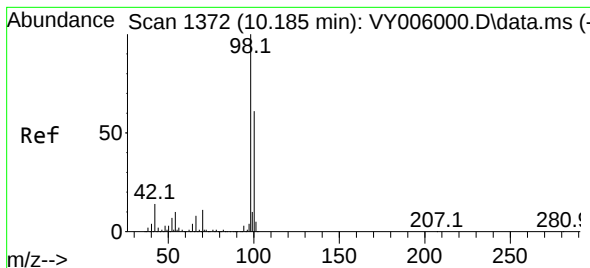
Delta R.T. -0.110 min

Lab File: VY006146.D

Acq: 24 Sep 2021 18:15

Tgt Ion:	117	Resp:	10812
Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.9	116.9#
121	0.0	24.8	37.2#

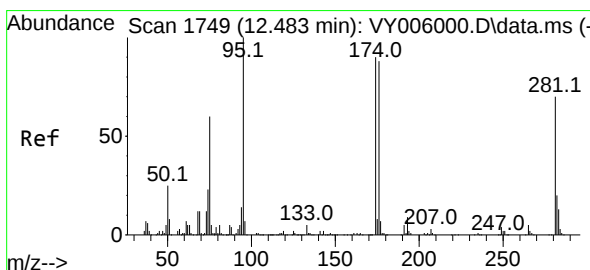
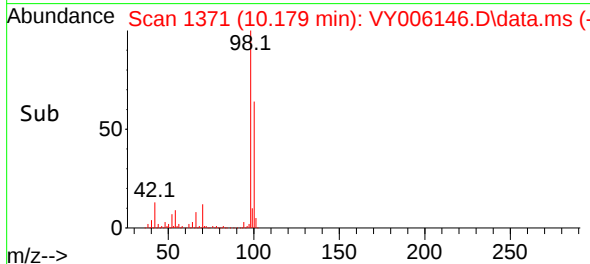
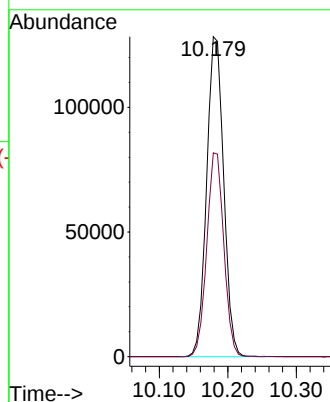
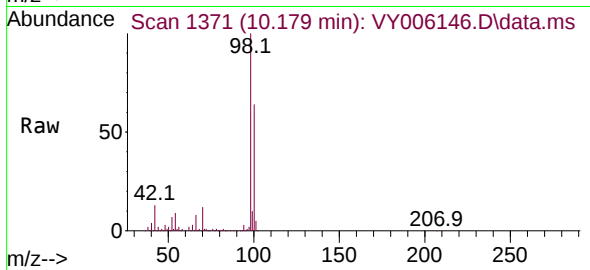




#50
Toluene-d8
Concen: 46.716 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

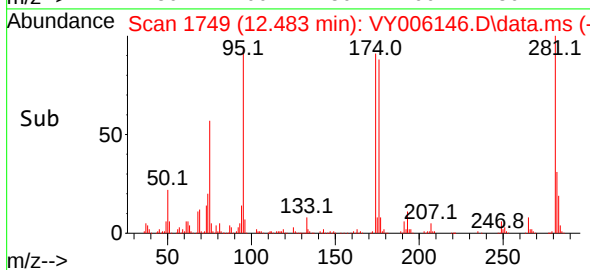
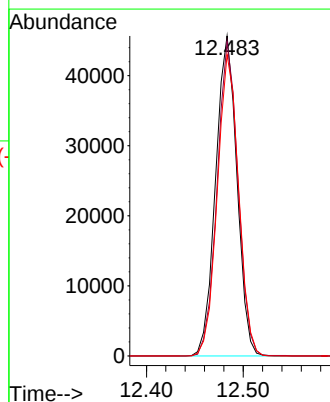
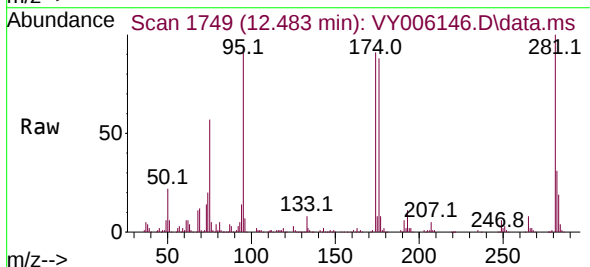
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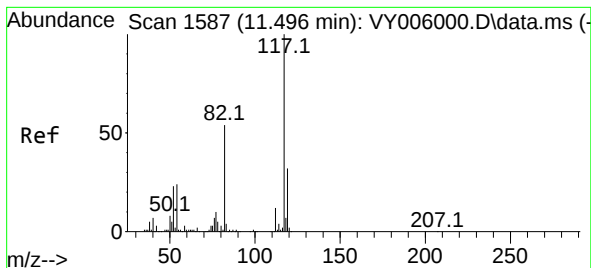
Tgt Ion: 98 Resp: 222111
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

Tgt Ion: 95 Resp: 69761
Ion Ratio Lower Upper
95 100
174 96.4 0.0 177.0
176 93.8 0.0 175.8

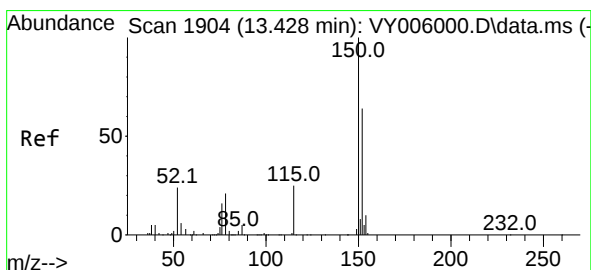
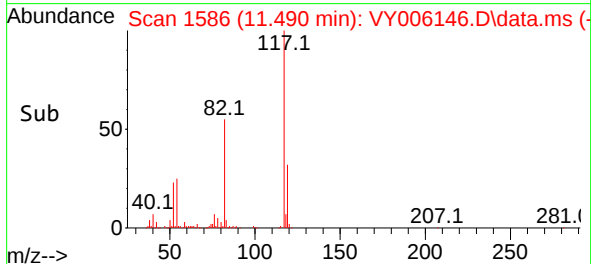
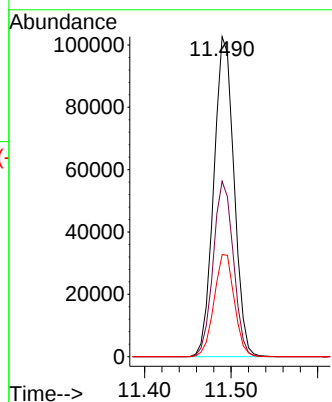
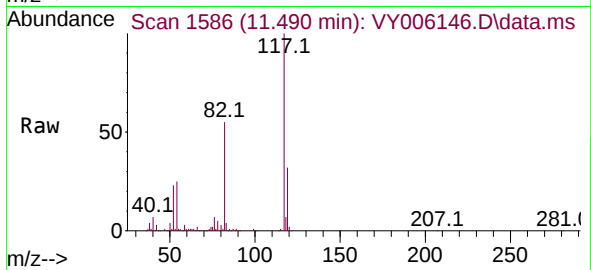




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

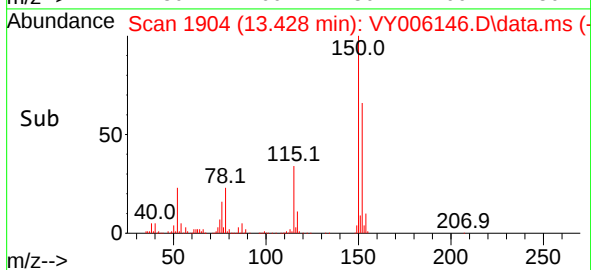
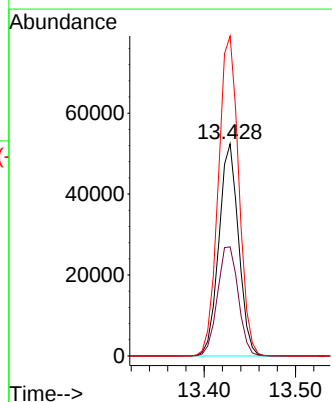
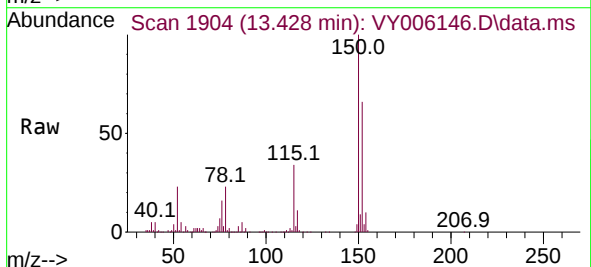
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-03

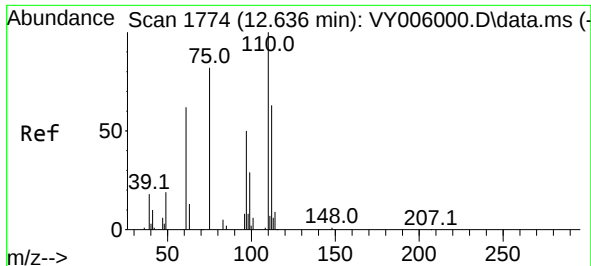
Tgt Ion:117 Resp: 166699
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

Tgt Ion:152 Resp: 78436
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.5 0.0 347.6

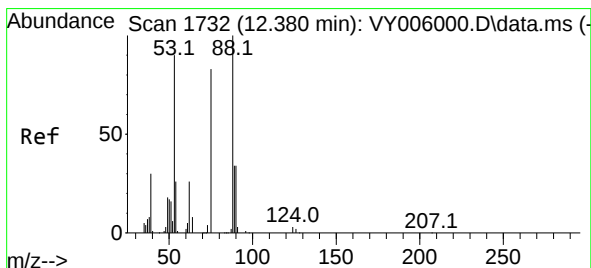
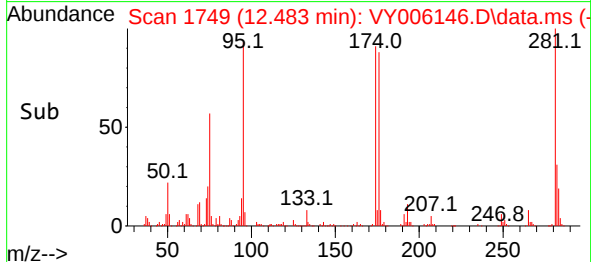
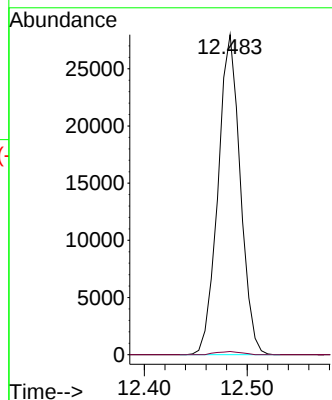
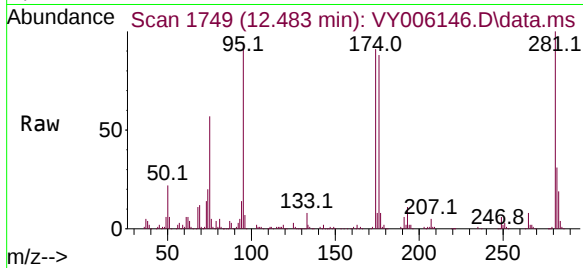




#76
1,2,3-Trichloropropane
Concen: 50.323 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-03

Tgt Ion: 75 Resp: 42084
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.520 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006146.D
Acq: 24 Sep 2021 18:15

Tgt Ion: 75 Resp: 42084
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.0 37.0 55.4#

