

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083021\
 Data File : VY005896.D
 Acq On : 30 Aug 2021 16:14
 Operator : SY/MD
 Sample : M3574-01RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TPR-12-13-COMP

Quant Time: Aug 31 02:51:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

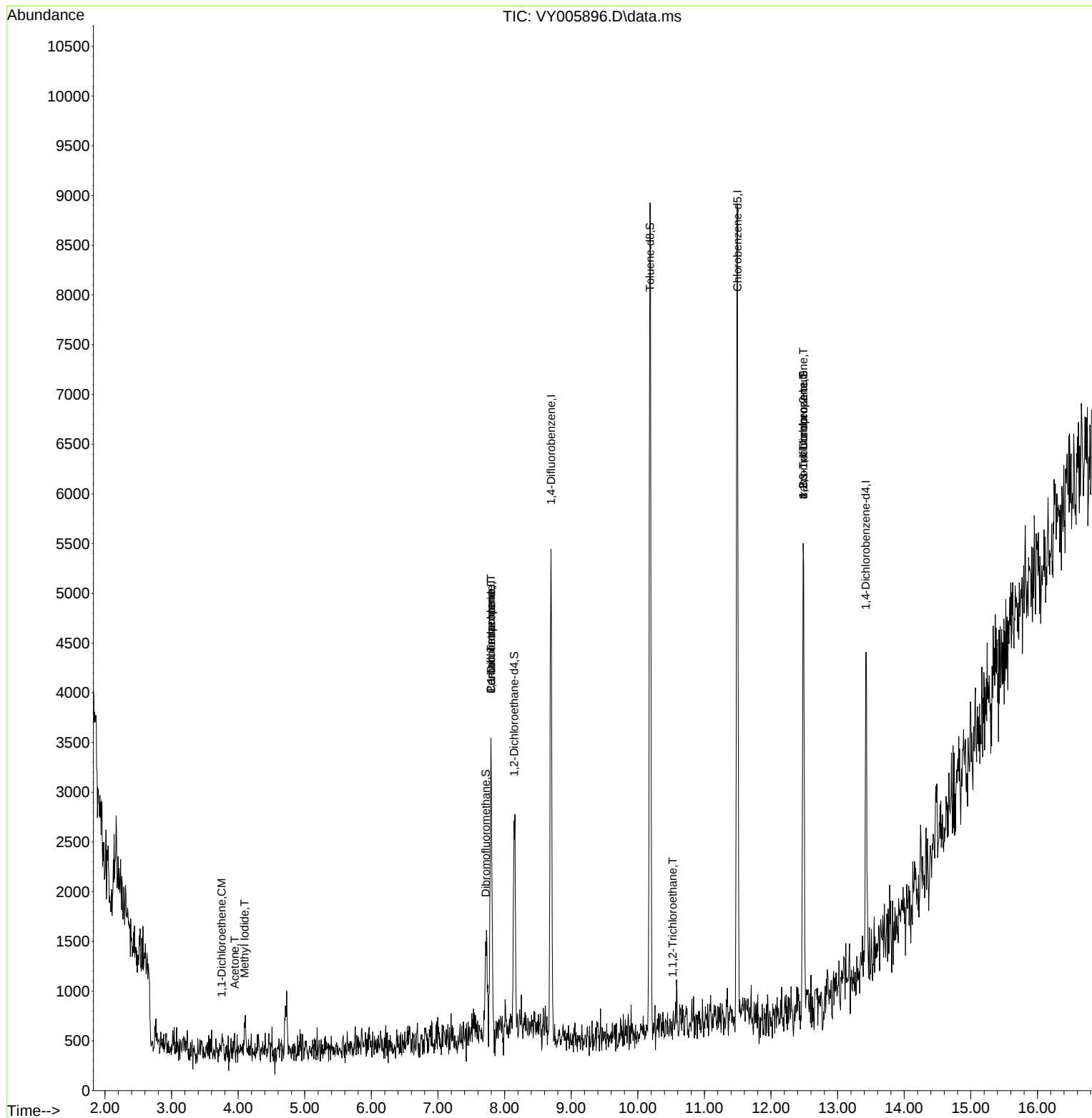
Internal Standards						
1) Pentafluorobenzene	7.795	168	2719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	4821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1882	68.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.760%
35) Dibromofluoromethane	7.716	113	860	34.014	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.020%
50) Toluene-d8	10.185	98	5882	55.470	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.940%
62) 4-Bromofluorobenzene	12.483	95	1522	43.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.680%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	444	15.358	ug/l #	57
12) 1,1-Dichloroethene	3.753	96	29	1.238	ug/l #	1
16) Acetone	3.948	43	107	15.420	ug/l #	45
20) Methylene Chloride	4.716	84	147	Below Cal	#	71
36) 1,1-Dichloropropene	7.795	75	109	2.573	ug/l #	41
38) Carbon Tetrachloride	7.795	117	242	5.257	ug/l #	13
55) 1,1,2-Trichloroethane	10.526	97	65	2.677	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	729	66.806	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	729	134.673	ug/l #	11

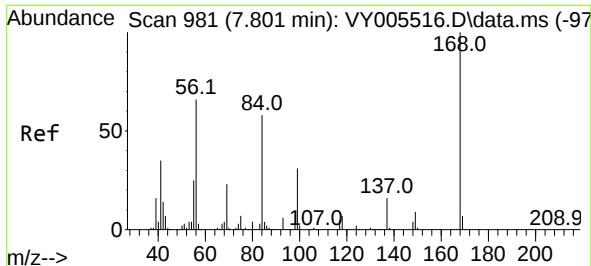
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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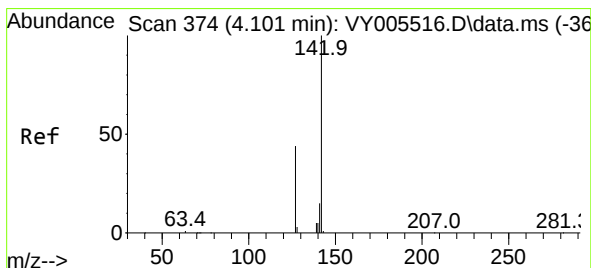
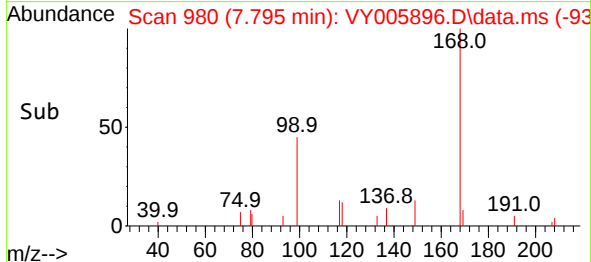
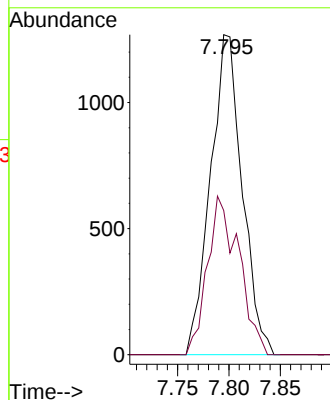
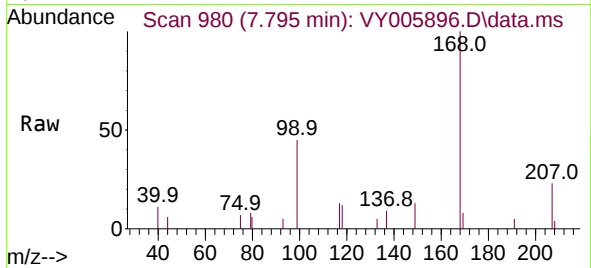




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

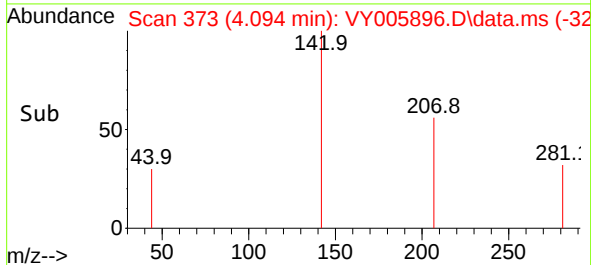
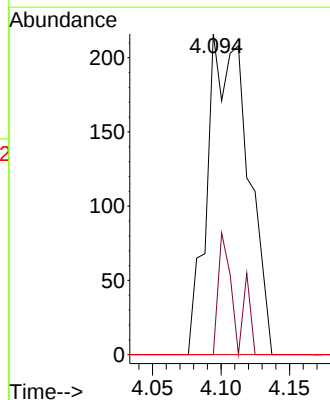
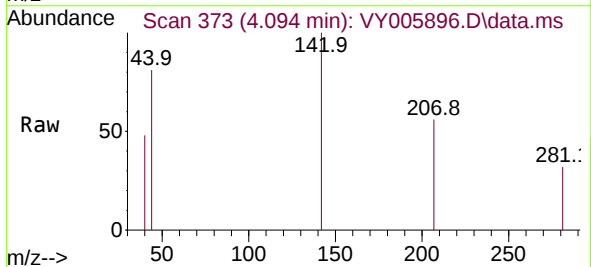
Instrument :
MSVOA_Y
ClientSampleId :
TPR-12-13-COMPRE

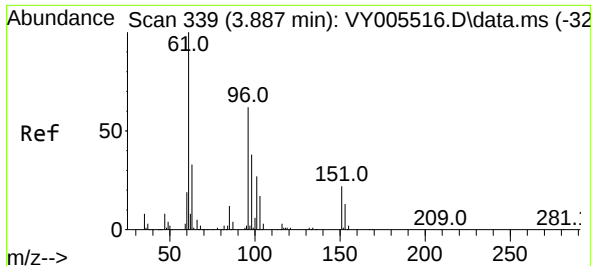
Tgt Ion:168 Resp: 2719
Ion Ratio Lower Upper
168 100
99 45.1 38.9 58.3



#10
Methyl Iodide
Concen: 15.358 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

Tgt Ion:142 Resp: 444
Ion Ratio Lower Upper
142 100
127 15.8 36.6 54.8#
141 0.0 12.2 18.4#





#12

1,1-Dichloroethene

Concen: 1.238 ug/l

RT: 3.753 min Scan# 317

Delta R.T. -0.134 min

Lab File: VY005896.D

Acq: 30 Aug 2021 16:14

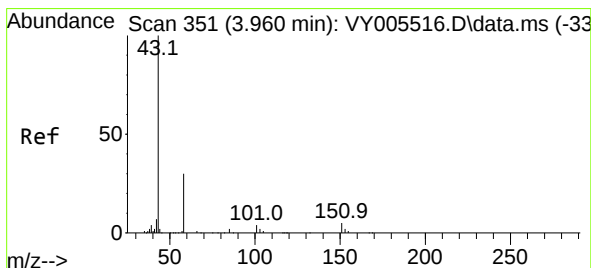
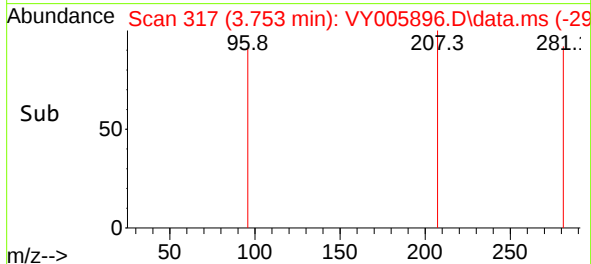
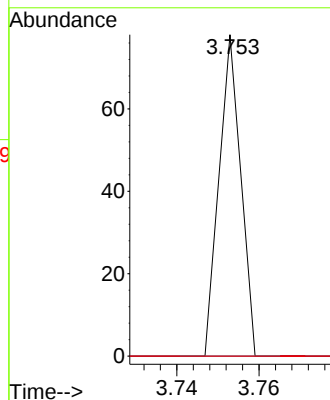
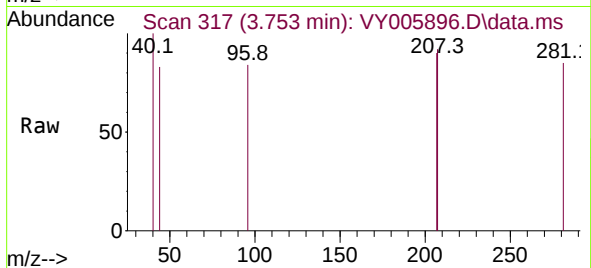
Tgt Ion: 96 Resp: 29

Ion Ratio Lower Upper

96 100

61 0.0 128.6 192.8#

98 0.0 49.2 73.8#



#16

Acetone

Concen: 15.420 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY005896.D

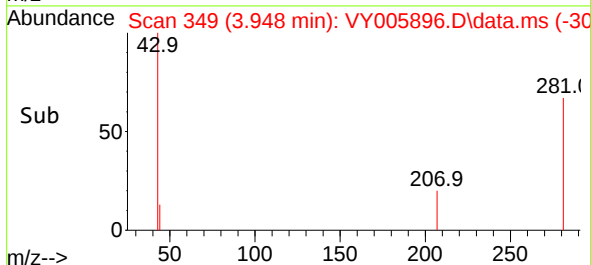
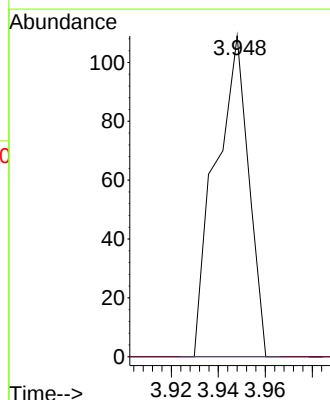
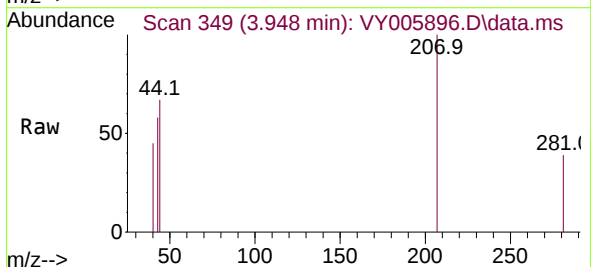
Acq: 30 Aug 2021 16:14

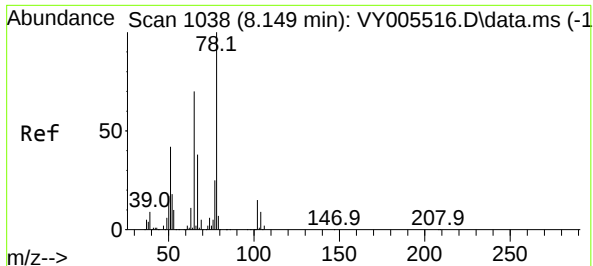
Tgt Ion: 43 Resp: 107

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#

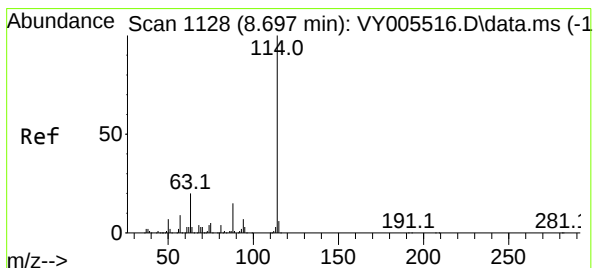
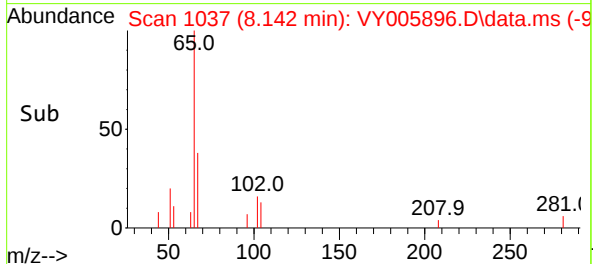
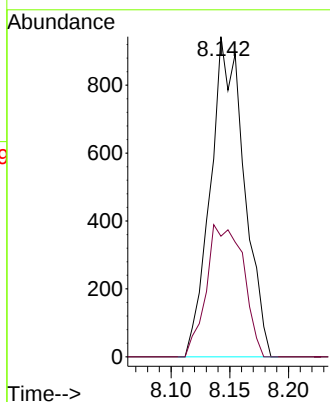
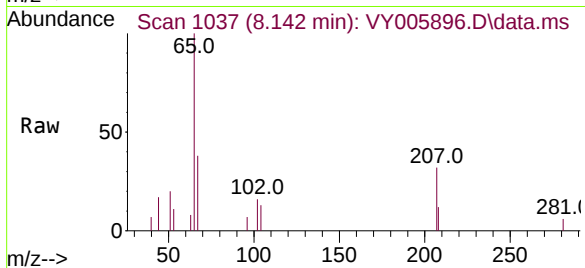




#33
1,2-Dichloroethane-d4
Concen: 68.379 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

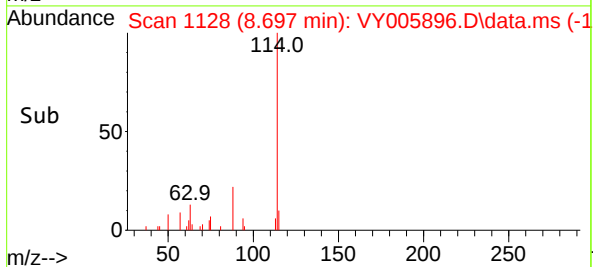
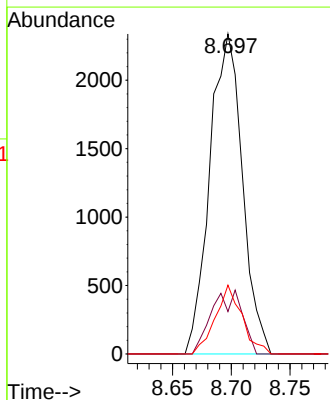
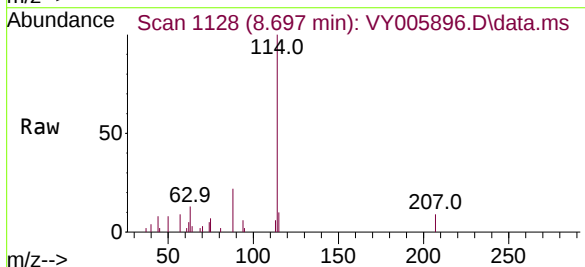
Instrument :
MSVOA_Y
ClientSampleId :
TPR-12-13-COMP

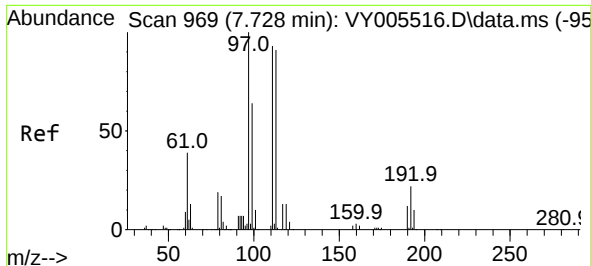
Tgt Ion: 65 Resp: 1882
Ion Ratio Lower Upper
65 100
67 45.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

Tgt Ion: 114 Resp: 4516
Ion Ratio Lower Upper
114 100
63 13.3 0.0 39.2
88 21.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 34.014 ug/l

RT: 7.716 min Scan# 967

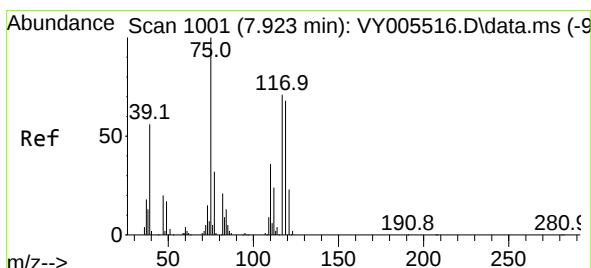
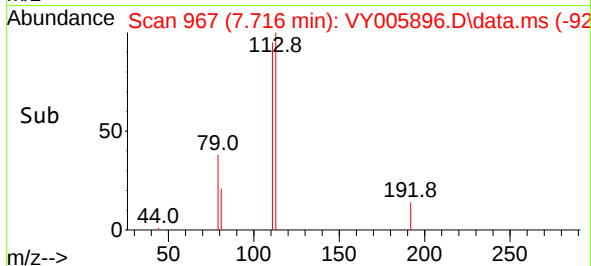
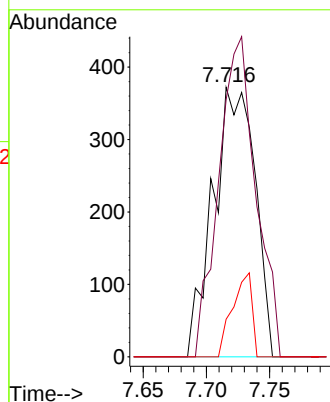
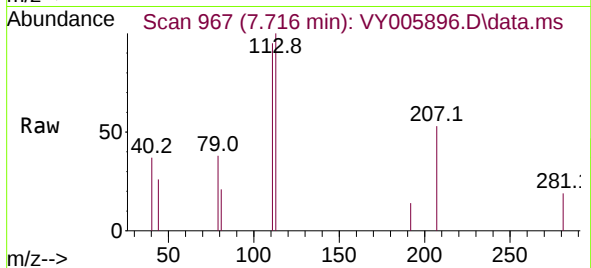
Delta R.T. -0.012 min

Lab File: VY005896.D

Acq: 30 Aug 2021 16:14

Tgt Ion:	113	Resp:	860
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.9	122.9
192	14.4	19.2	28.8#

Instrument :
MSVOA_Y
ClientSampleId :
TPR-12-13-COMP



#36

1,1-Dichloropropene

Concen: 2.573 ug/l

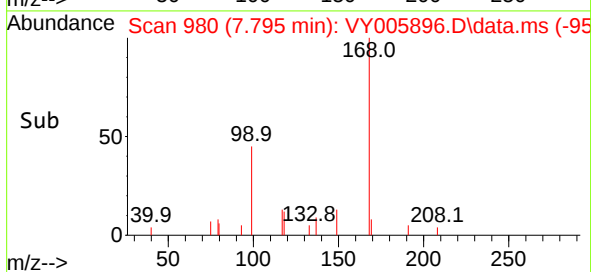
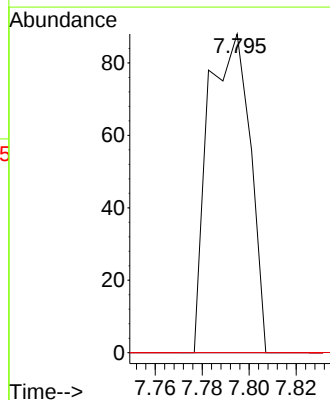
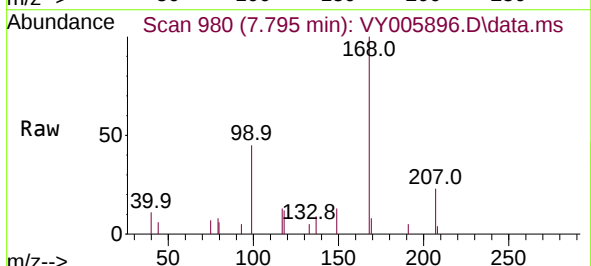
RT: 7.795 min Scan# 980

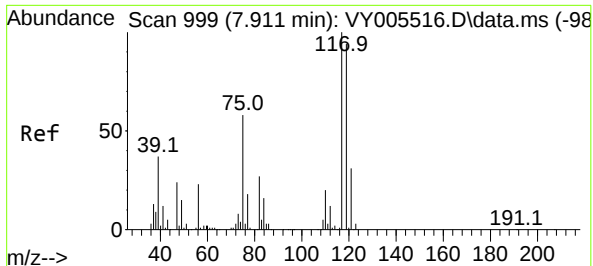
Delta R.T. -0.128 min

Lab File: VY005896.D

Acq: 30 Aug 2021 16:14

Tgt Ion:	75	Resp:	109
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#

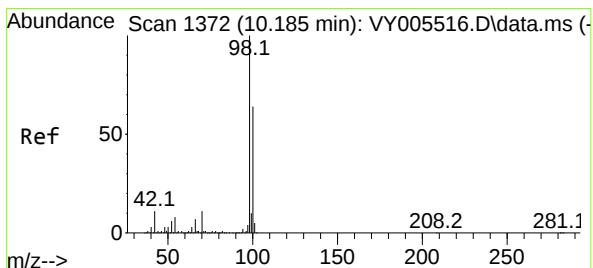
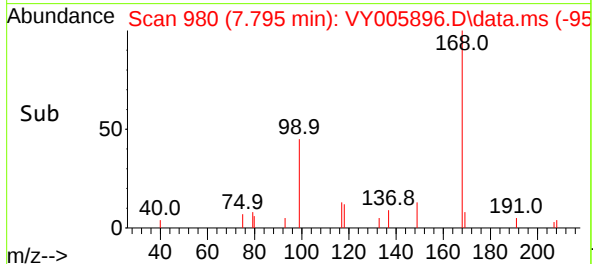
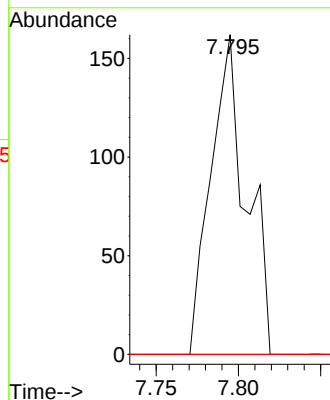
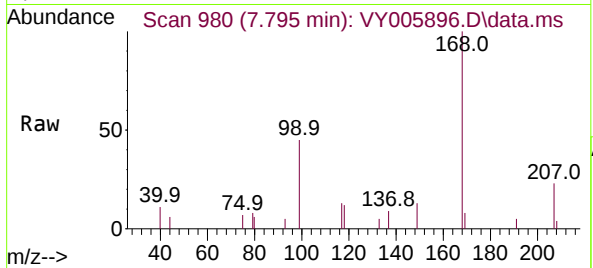




#38
Carbon Tetrachloride
Concen: 5.257 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

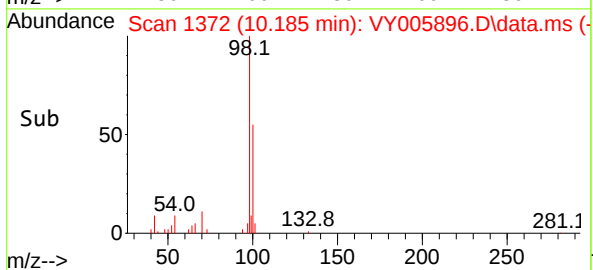
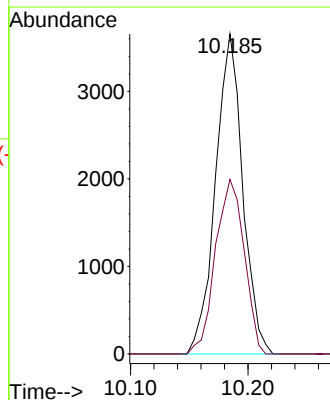
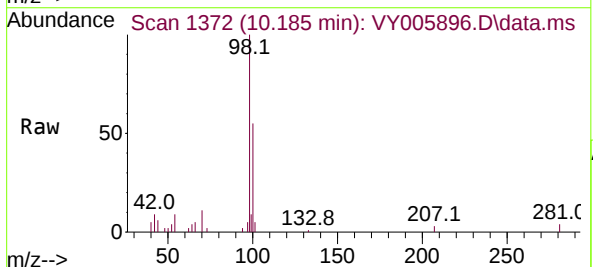
Instrument :
MSVOA_Y
ClientSampleId :
TPR-12-13-COMP

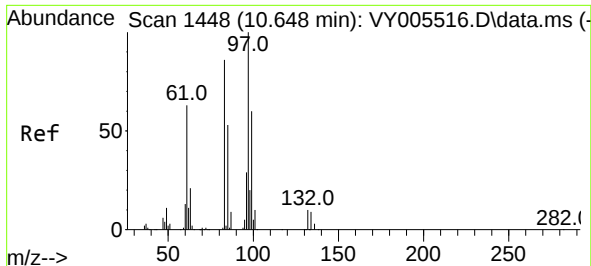
Tgt Ion:117 Resp: 242
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.470 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

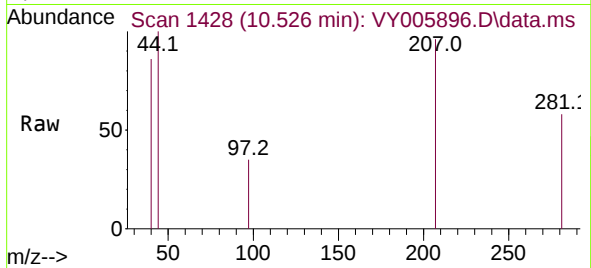
Tgt Ion: 98 Resp: 5882
Ion Ratio Lower Upper
98 100
100 57.6 51.3 76.9





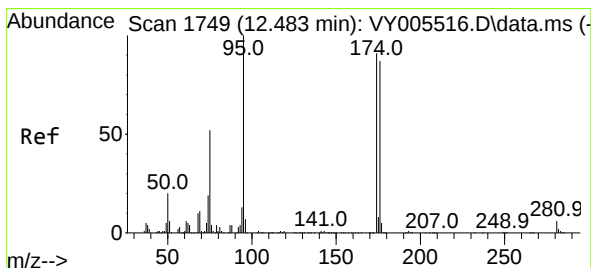
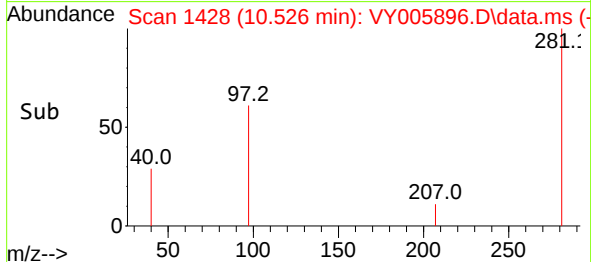
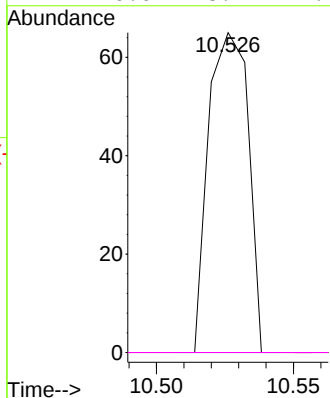
#55
1,1,2-Trichloroethane
Concen: 2.677 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. -0.122 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

Instrument :
MSVOA_Y
ClientSampleId :
TPR-12-13-COMP



Tgt Ion: 97 Resp: 65

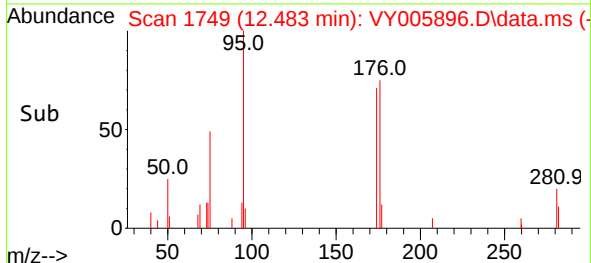
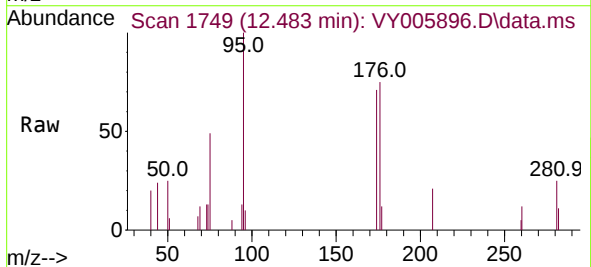
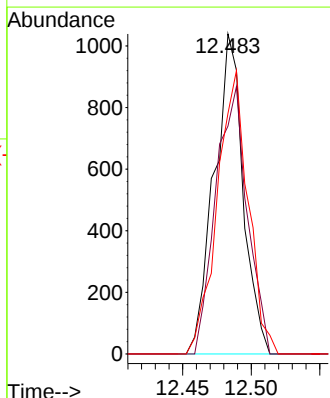
Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.7	103.1#
85	0.0	42.4	63.6#
99	0.0	48.2	72.2#

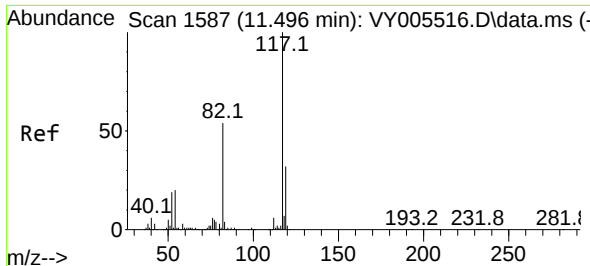


#62
4-Bromofluorobenzene
Concen: 43.343 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

Tgt Ion: 95 Resp: 1522

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	191.4
176	94.8	0.0	183.6

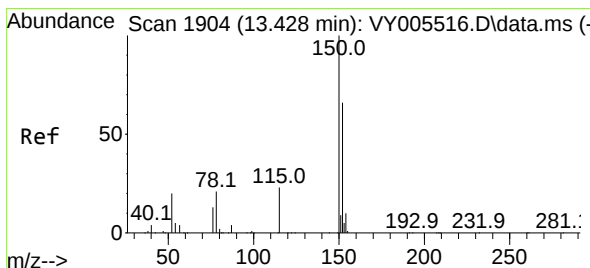
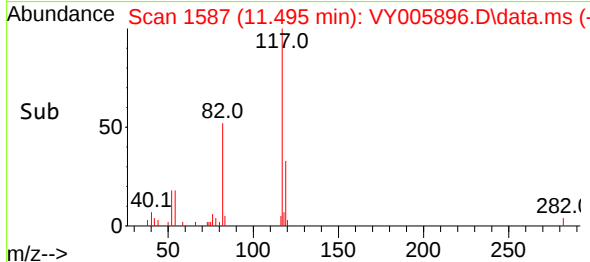
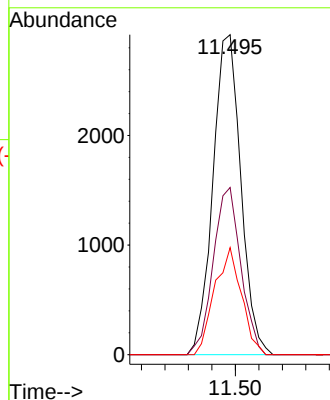
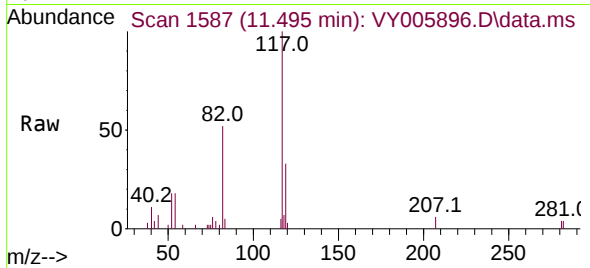




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

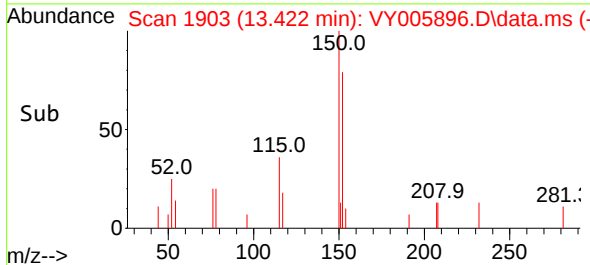
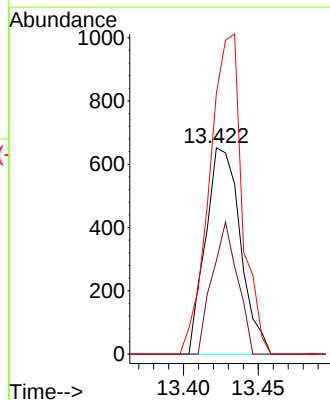
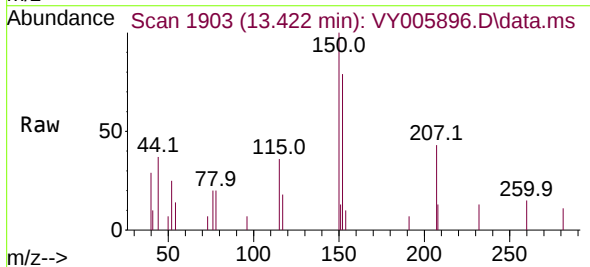
Instrument :
MSVOA_Y
ClientSampleId :
TPR-12-13-COMPRE

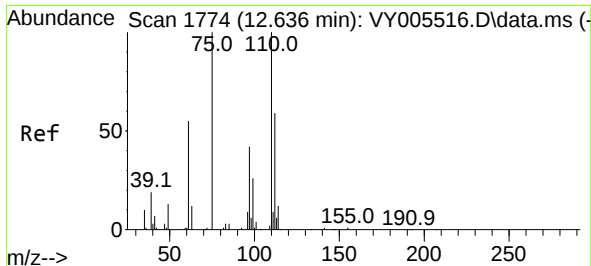
Tgt Ion:	117	Resp:	4821
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.5	65.3
119	33.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

Tgt Ion:	152	Resp:	1053
Ion	Ratio	Lower	Upper
152	100		
115	46.6	27.3	81.9
150	146.1	0.0	350.2

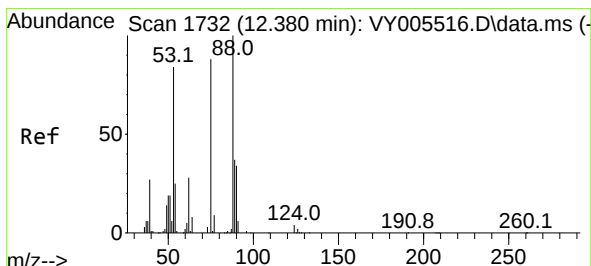
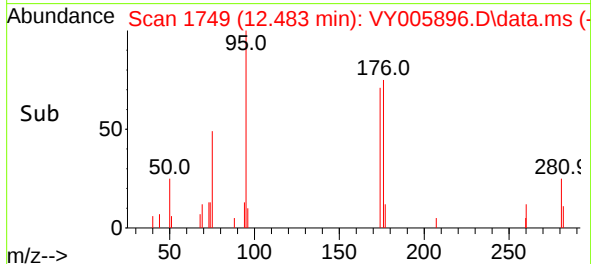
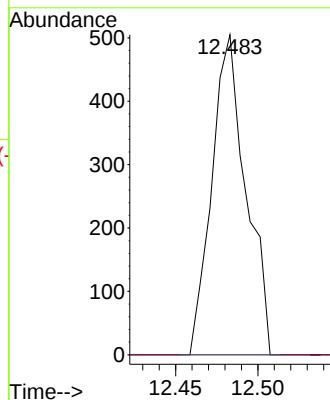
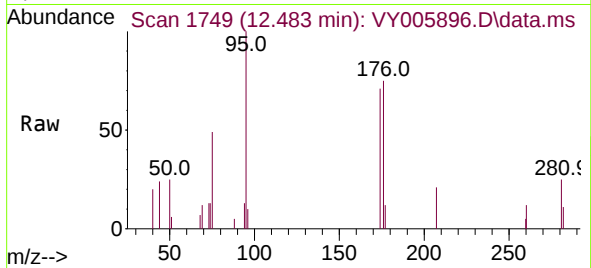




#76
1,2,3-Trichloropropane
Concen: 66.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

Instrument :
MSVOA_Y
ClientSampleId :
TPR-12-13-COMP

Tgt Ion: 75 Resp: 729
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 134.673 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005896.D
Acq: 30 Aug 2021 16:14

Tgt Ion: 75 Resp: 729
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

