

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006173.D
 Acq On : 27 Sep 2021 19:03
 Operator : SY/MD
 Sample : M3935-04
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-S

Quant Time: Sep 28 06:23:28 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)

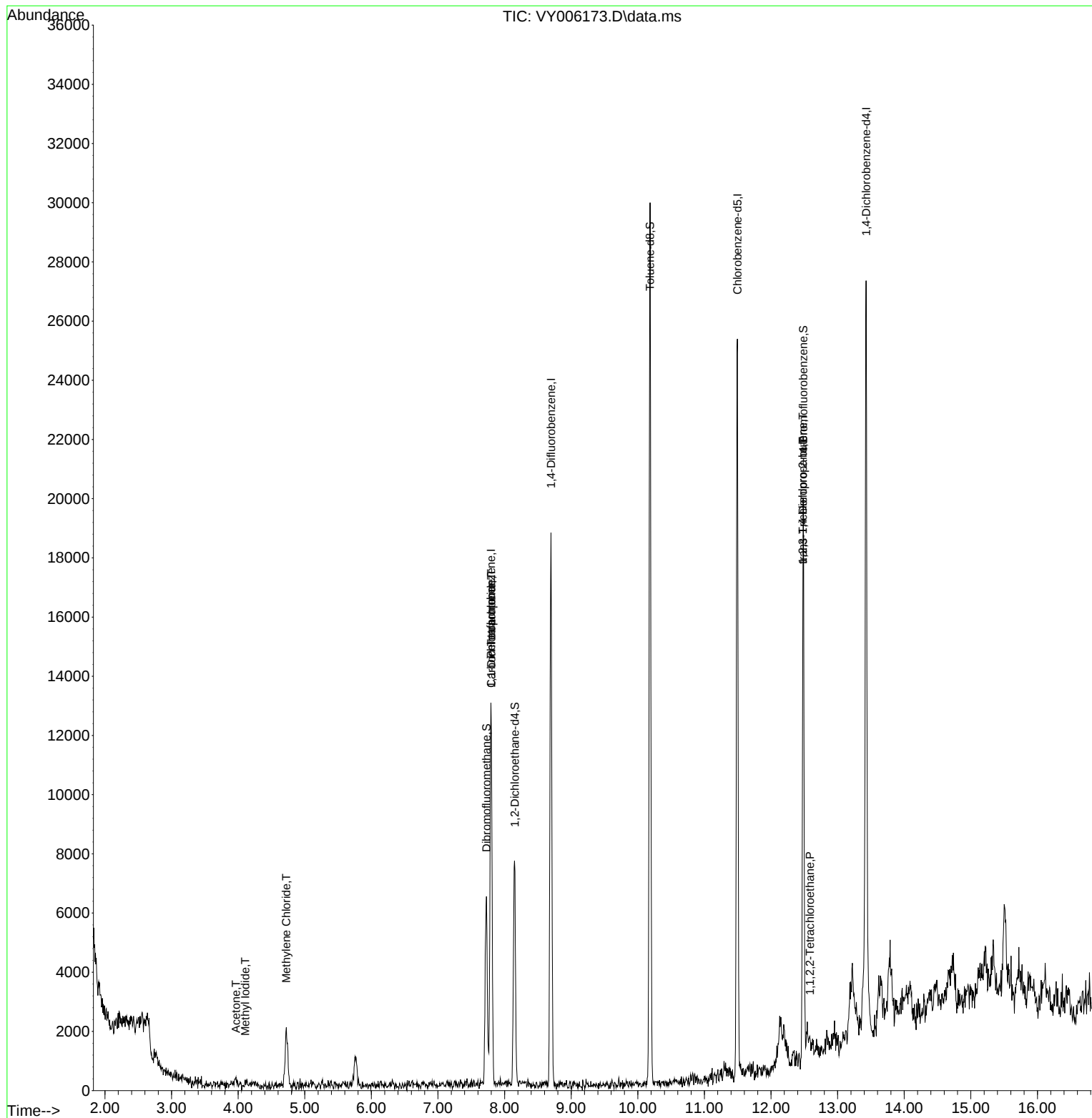
Internal Standards						
1) Pentafluorobenzene	7.795	168	10002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	13604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6356	45.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.500%
35) Dibromofluoromethane	7.728	113	4266	43.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.740%
50) Toluene-d8	10.185	98	19223	45.849	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.700%
62) 4-Bromofluorobenzene	12.483	95	6028	42.347	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.700%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	178	1.741	ug/l #	47
16) Acetone	3.966	43	372	9.762	ug/l	99
20) Methylene Chloride	4.722	84	1399	7.848	ug/l #	91
36) 1,1-Dichloropropene	7.801	75	720	4.212	ug/l #	42
38) Carbon Tetrachloride	7.801	117	916	4.922	ug/l #	11
75) 1,1,2,2-Tetrachloroethane	12.587	83	185	2.323	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	2872	49.290	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2872	90.620	ug/l #	7

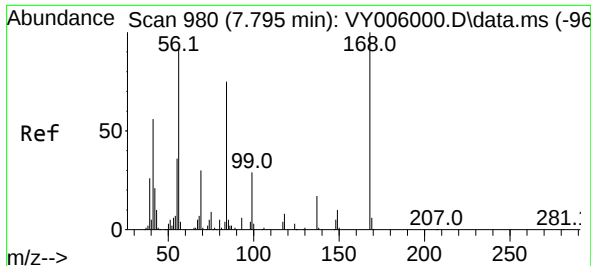
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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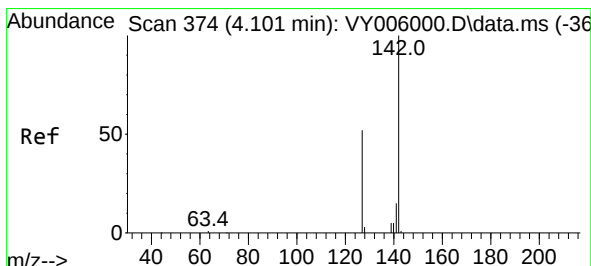
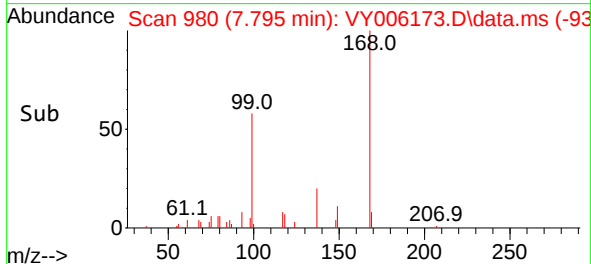
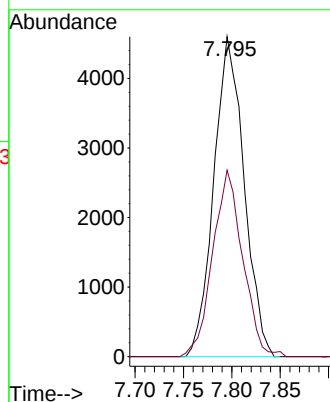
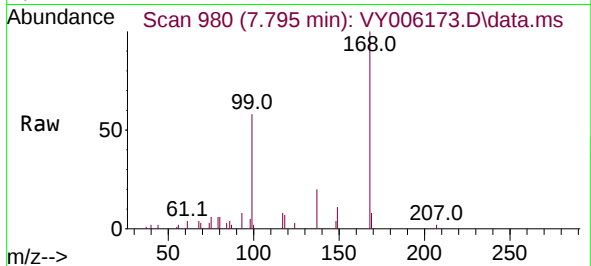




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

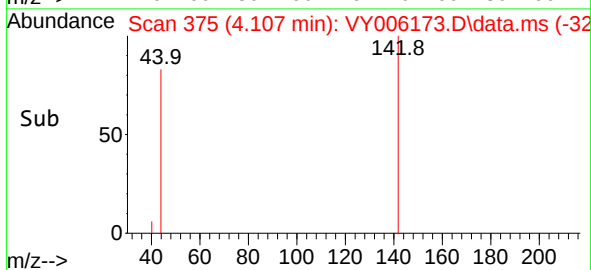
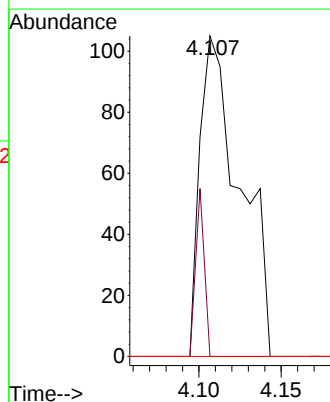
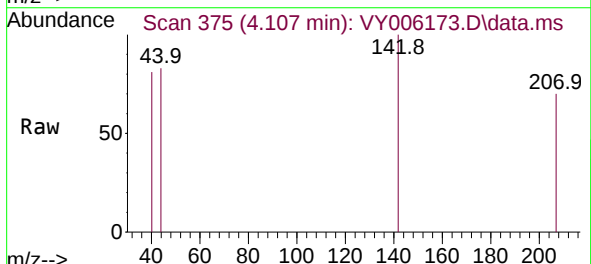
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-S

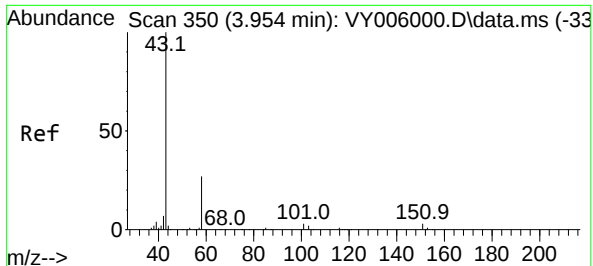
Tgt Ion:168 Resp: 10002
Ion Ratio Lower Upper
168 100
99 58.2 46.9 70.3



#10
Methyl Iodide
Concen: 1.741 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

Tgt Ion:142 Resp: 178
Ion Ratio Lower Upper
142 100
127 11.2 41.5 62.3#
141 0.0 11.9 17.9#

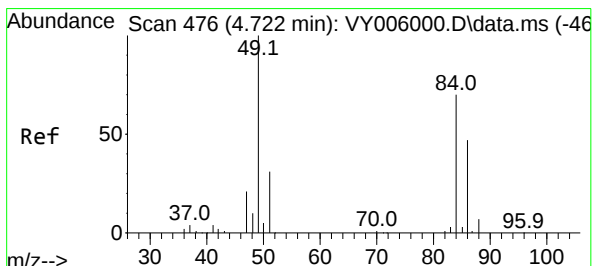
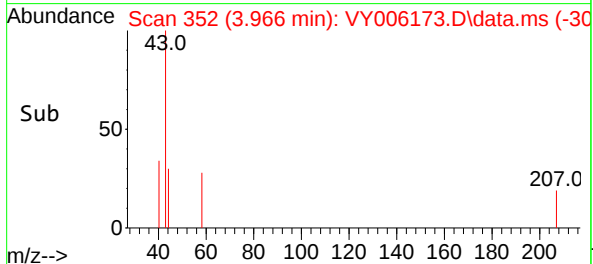
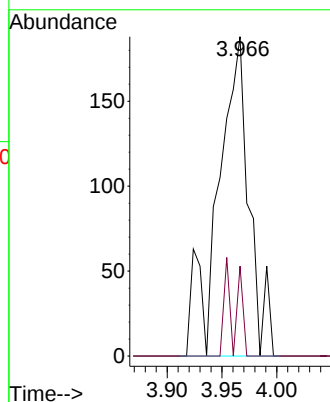
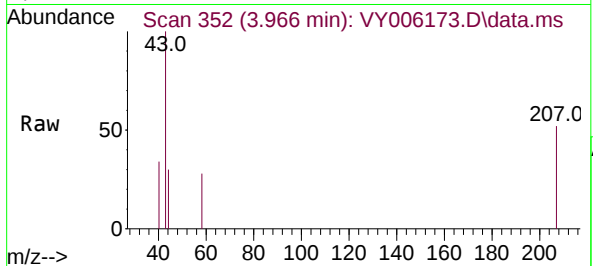




#16
Acetone
Concen: 9.762 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

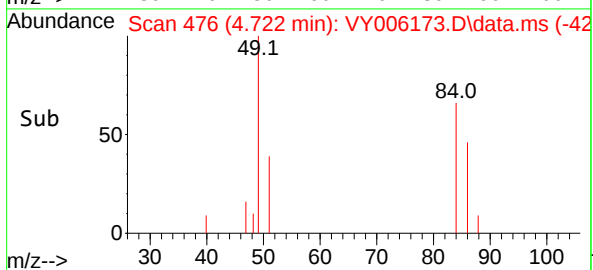
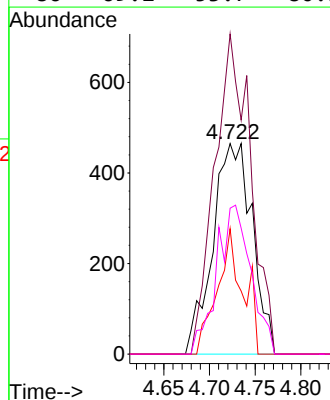
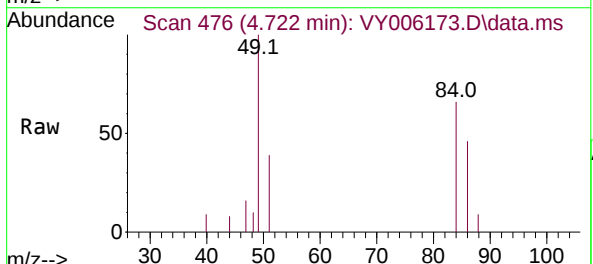
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-S

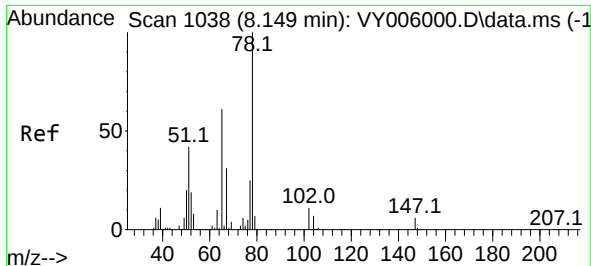
Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0



#20
Methylene Chloride
Concen: 7.848 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

Tgt Ion: 84 Resp: 1399
Ion Ratio Lower Upper
84 100
49 152.0 114.4 171.6
51 59.6 35.3 52.9#
86 69.2 53.7 80.5

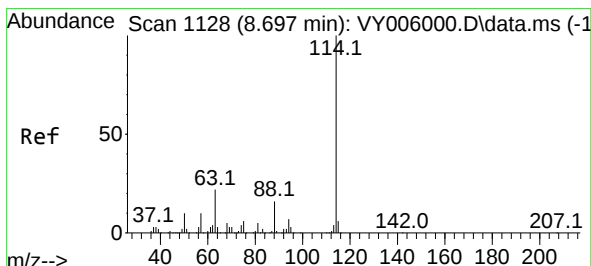
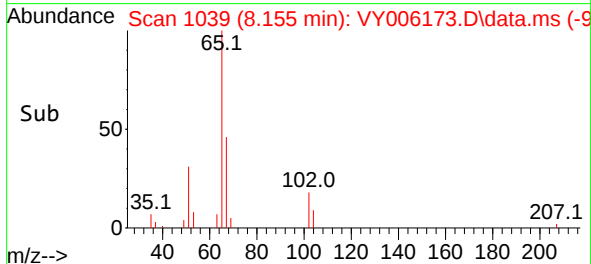
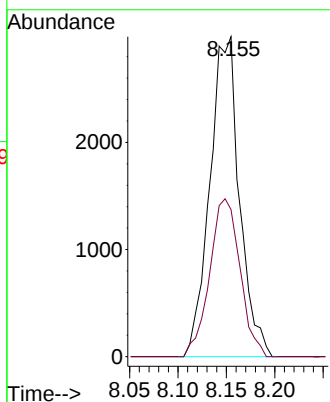
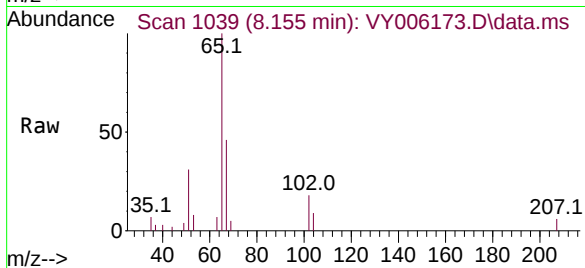




#33
1,2-Dichloroethane-d4
Concen: 45.748 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

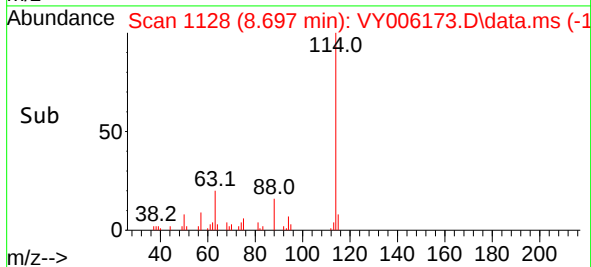
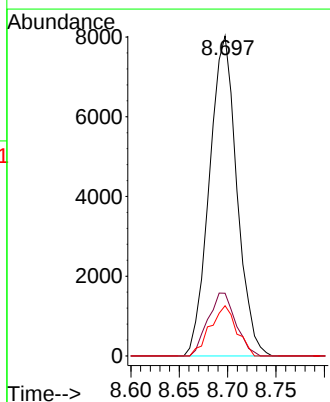
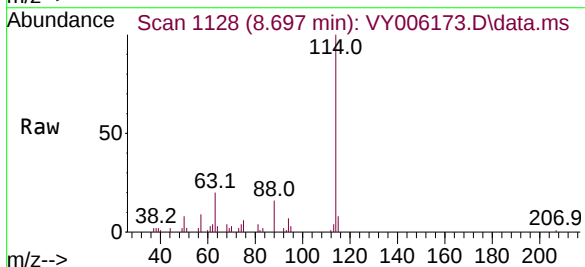
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-S

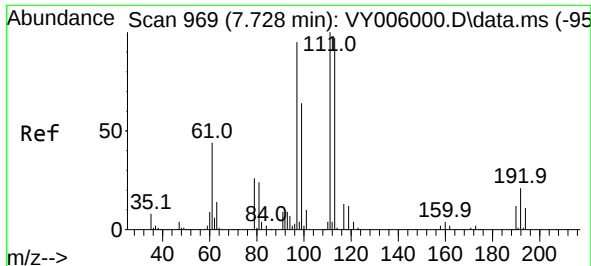
Tgt Ion: 65 Resp: 6356
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

Tgt Ion:114 Resp: 15838
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.7 0.0 31.8

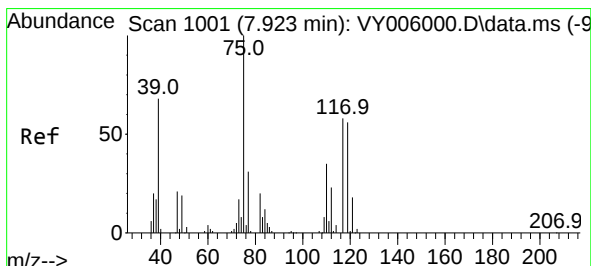
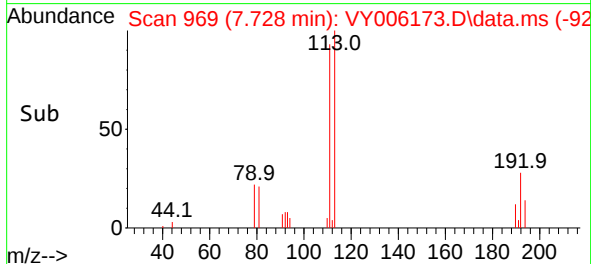
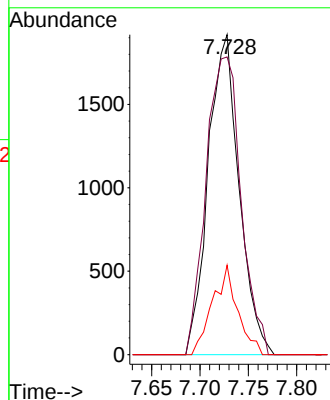
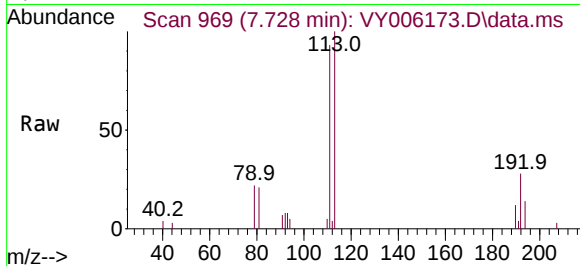




#35
Dibromofluoromethane
Concen: 43.366 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

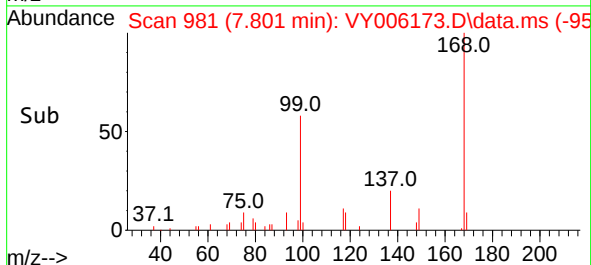
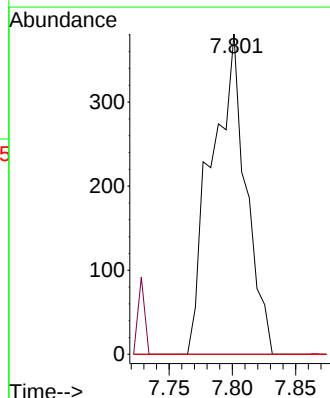
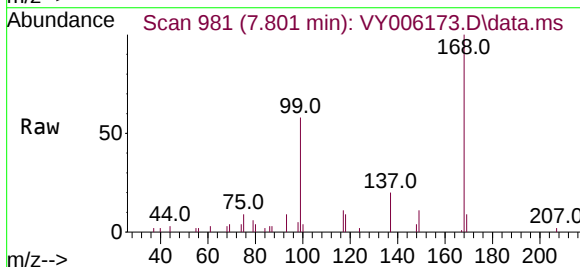
Instrument :
MSVOA_Y
ClientSampled :
TP-1-S

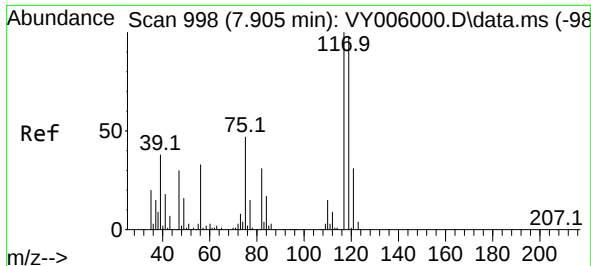
Tgt Ion:	113	Resp:	4266
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.6	124.0
192	22.7	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.212 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

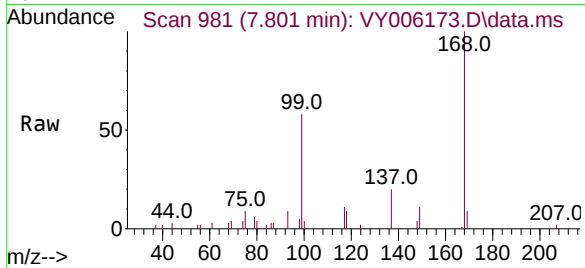
Tgt Ion:	75	Resp:	720
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#



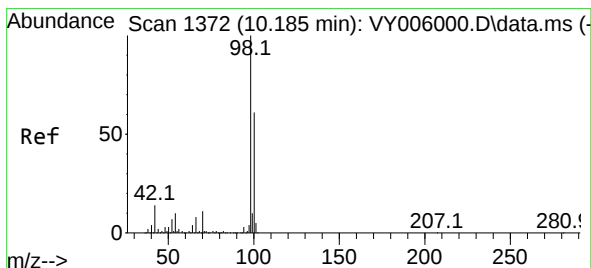
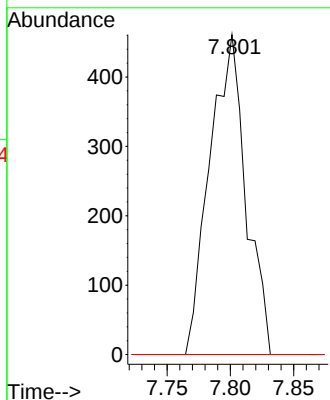
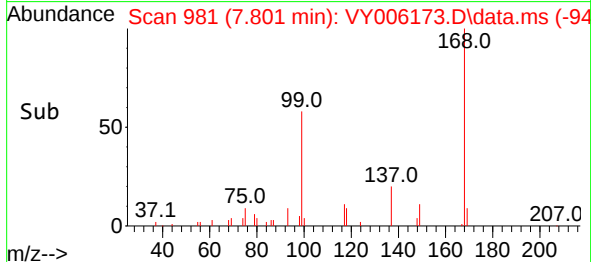


#38
Carbon Tetrachloride
Concen: 4.922 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

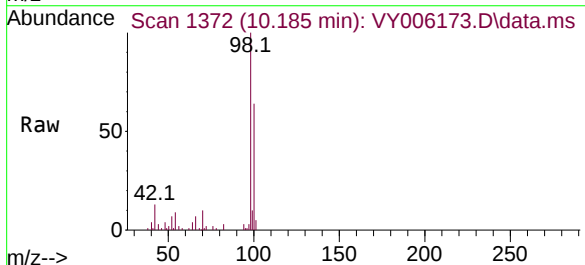
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-S



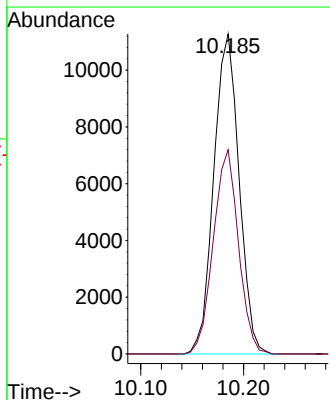
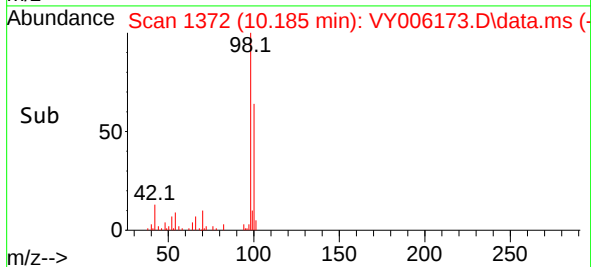
Tgt Ion: 117 Resp: 916
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

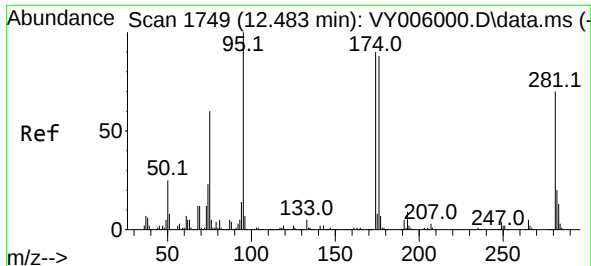


#50
Toluene-d8
Concen: 45.849 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03



Tgt Ion: 98 Resp: 19223
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

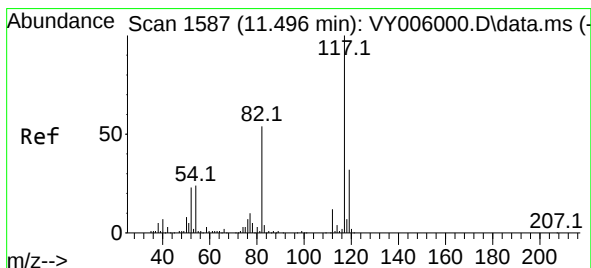
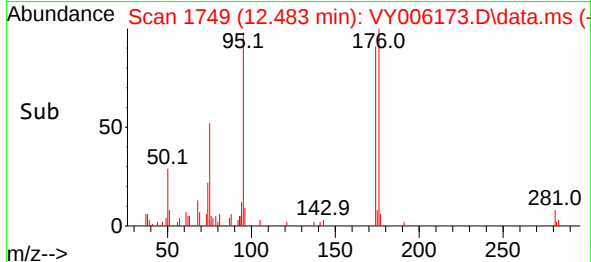
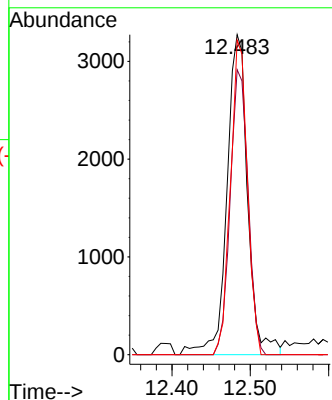
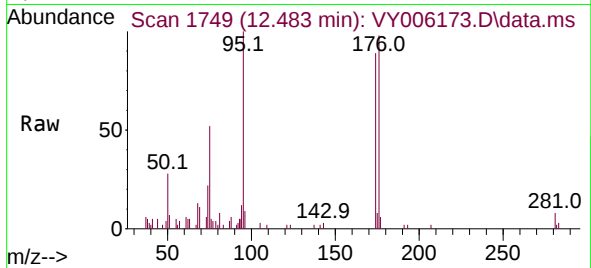




#62
4-Bromofluorobenzene
Concen: 42.347 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

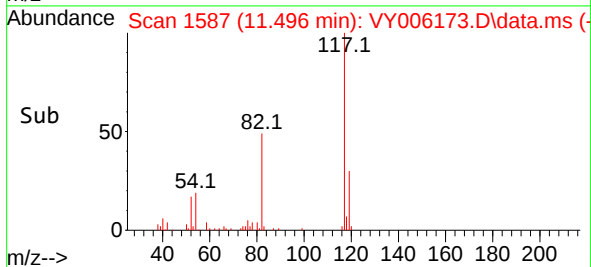
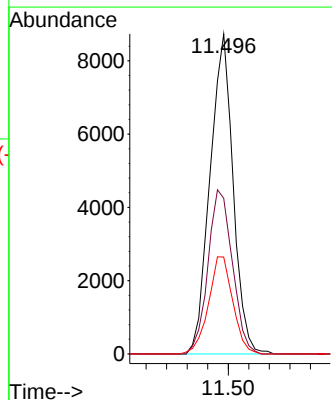
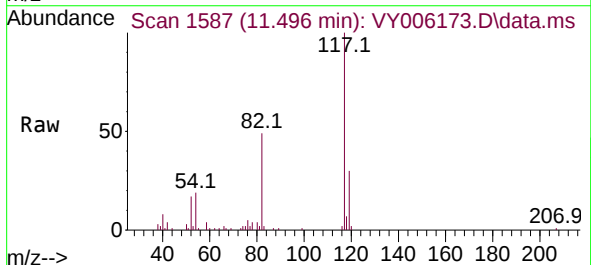
Instrument :
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TP-1-S

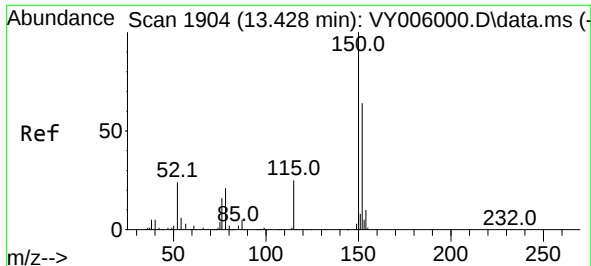
Tgt Ion: 95 Resp: 6028
Ion Ratio Lower Upper
95 100
174 76.7 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

Tgt Ion: 117 Resp: 13604
Ion Ratio Lower Upper
117 100
82 48.7 43.0 64.4
119 30.3 25.4 38.0

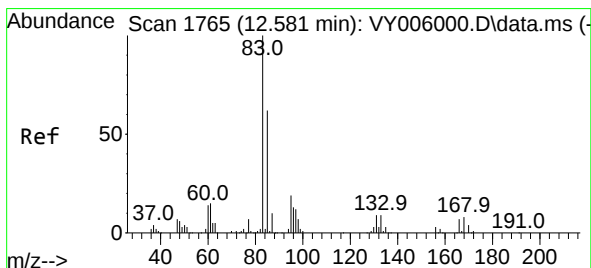
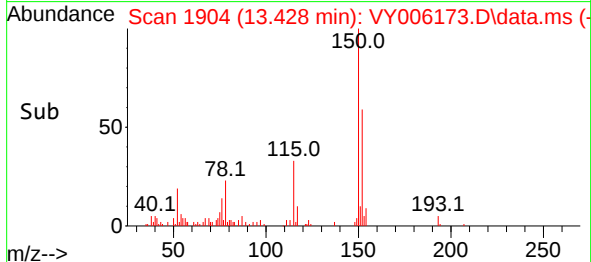
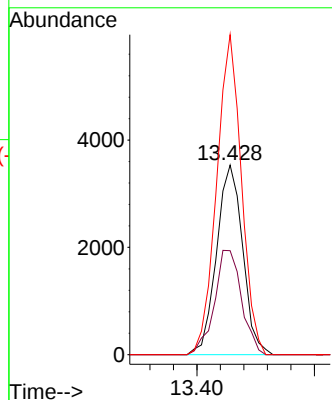
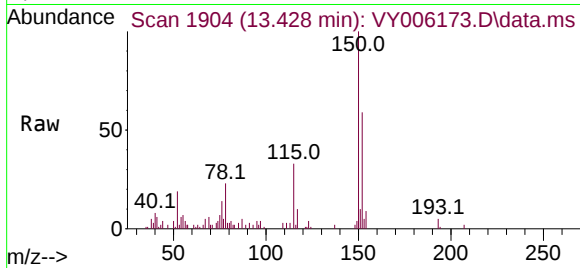




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006173.D
 Acq: 27 Sep 2021 19:03

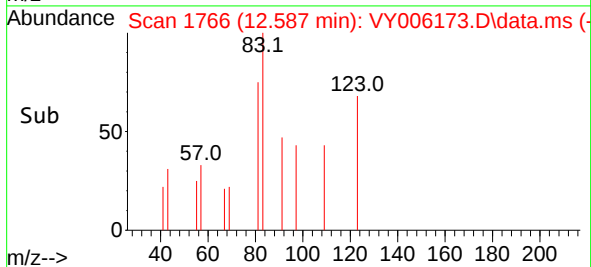
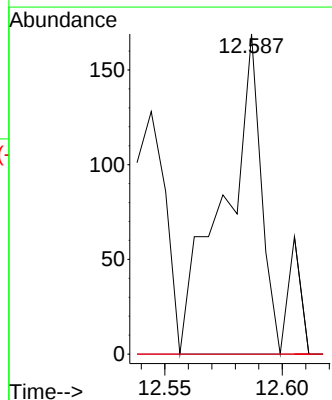
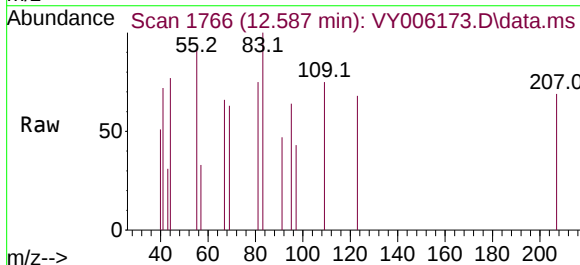
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-1-S

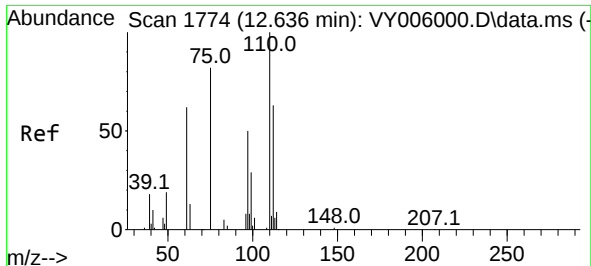
Tgt Ion:152 Resp: 5465
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 159.7 0.0 347.6



#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.323 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.006 min
 Lab File: VY006173.D
 Acq: 27 Sep 2021 19:03

Tgt Ion: 83 Resp: 185
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 0.0 32.3 96.8#

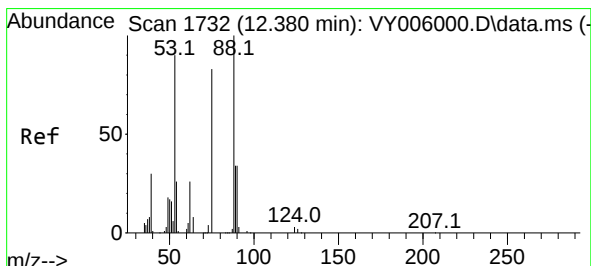
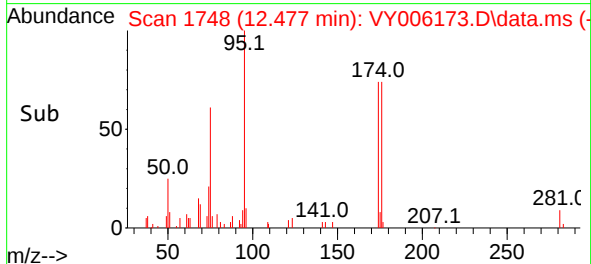
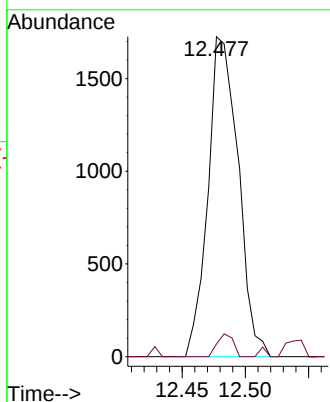
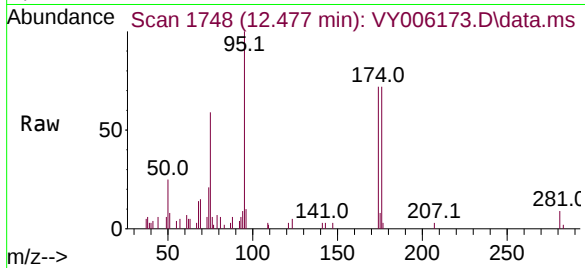




#76
1,2,3-Trichloropropane
Concen: 49.290 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-S

Tgt Ion: 75 Resp: 2872
Ion Ratio Lower Upper
75 100
77 3.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.620 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY006173.D
Acq: 27 Sep 2021 19:03

Tgt Ion: 75 Resp: 2872
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

