

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004361.D
 Acq On : 09 Apr 2021 16:32
 Operator : SY/MD
 Sample : M1967-04
 Misc : 4.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1B

Quant Time: Apr 10 02:04:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

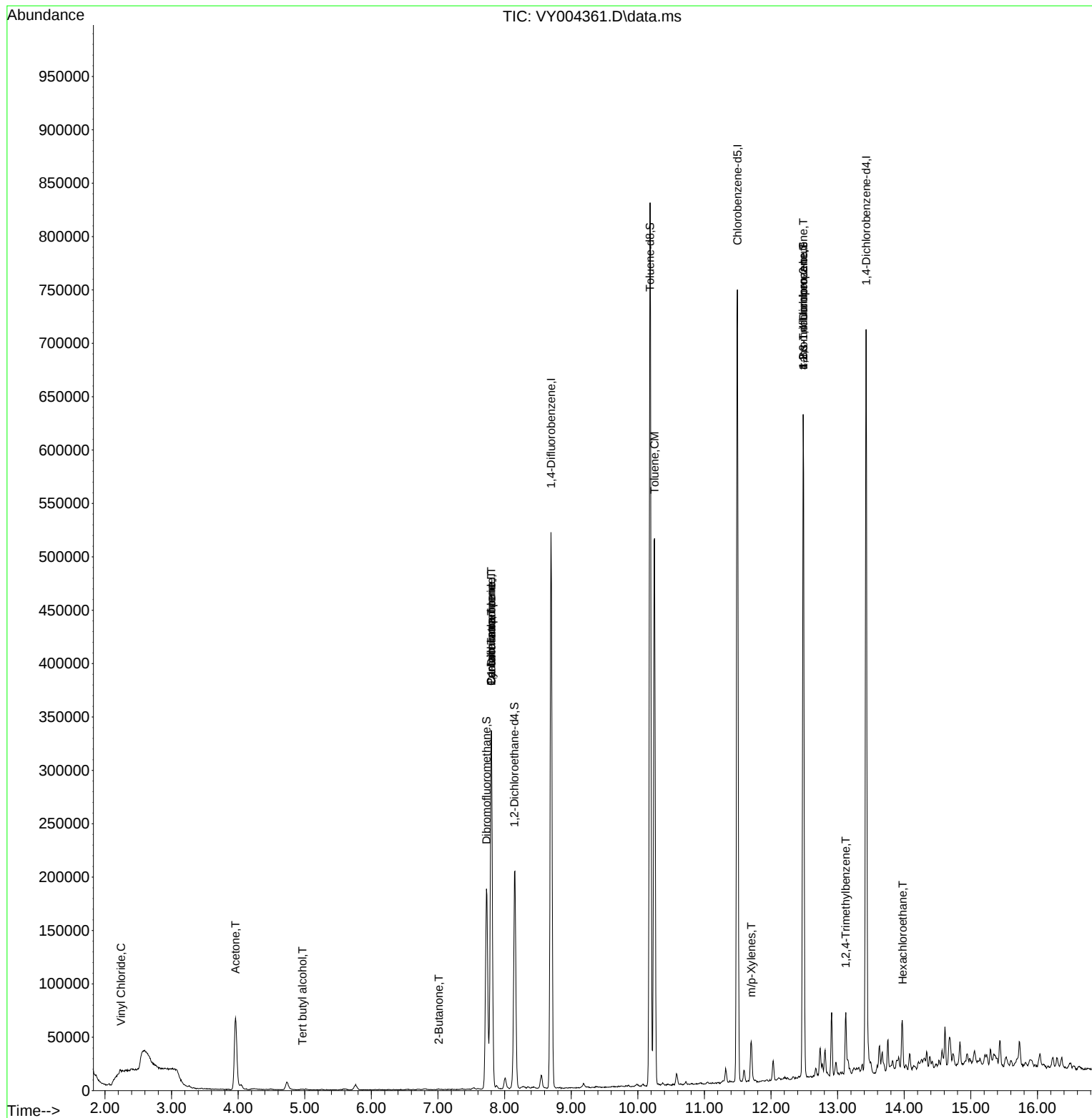
Internal Standards						
1) Pentafluorobenzene	7.801	168	249173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	432973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	395484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	158896	66.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.68%			
35) Dibromofluoromethane	7.728	113	133809	55.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.92%			
50) Toluene-d8	10.184	98	523473	57.69	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.38%			
62) 4-Bromofluorobenzene	12.483	95	182391	58.65	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.30%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.241	62	10308	3.18	ug/l #	49
11) Tert butyl alcohol	4.966	59	1275	6.54	ug/l #	80
13) Acrolein	3.728	56	140	Below Cal	#	1
16) Acetone	3.960	43	120154	240.77	ug/l	95
20) Methylene Chloride	4.728	84	5043	Below Cal	#	88
25) 2-Butanone	7.014	43	1114	1.34	ug/l	92
31) Cyclohexane	7.801	56	7760	1.83	ug/l #	31
36) 1,1-Dichloropropene	7.801	75	19642	4.97	ug/l #	50
38) Carbon Tetrachloride	7.801	117	25249	7.35	ug/l #	16
49) 1,4-Dioxane	9.307	88	31	Below Cal	#	10
52) Toluene	10.252	92	214805	29.82	ug/l	99
68) m/p-Xylenes	11.702	106	10855	1.97	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	96310	62.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	96310	115.19	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.123	105	30106	2.97	ug/l	100
90) Hexachloroethane	13.976	117	1040	8.18	ug/l #	12

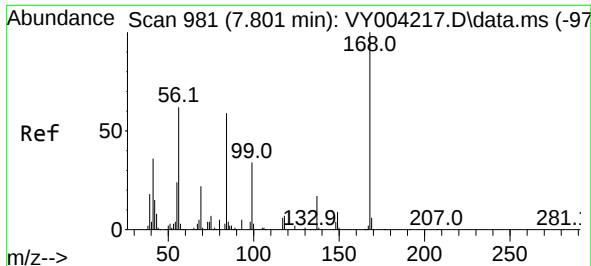
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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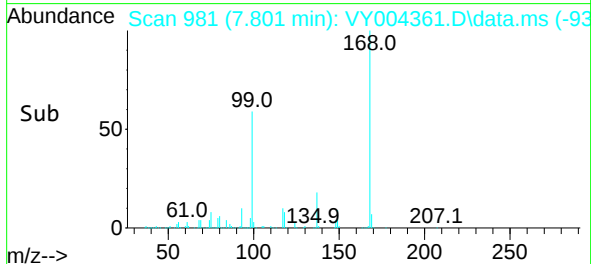
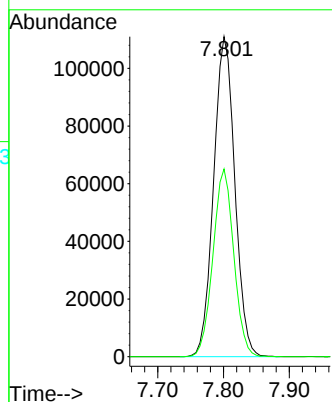
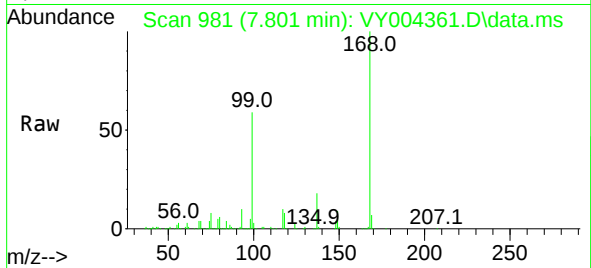




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

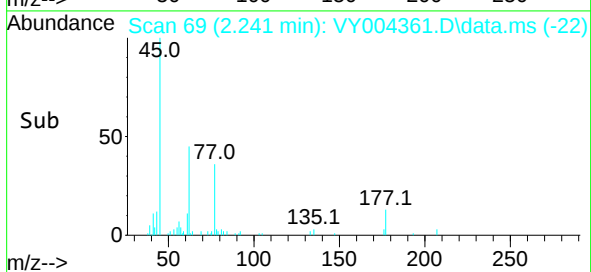
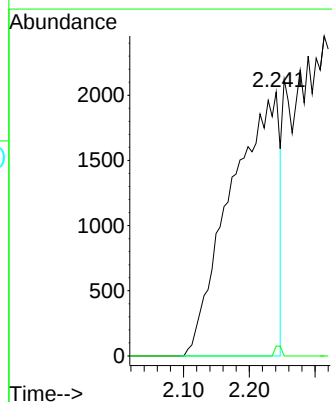
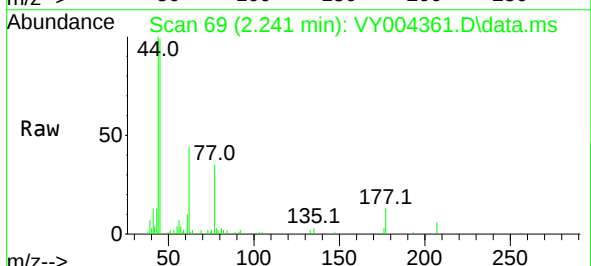
Instrument :
MSVOA_Y
ClientSampleId :
SED-1B

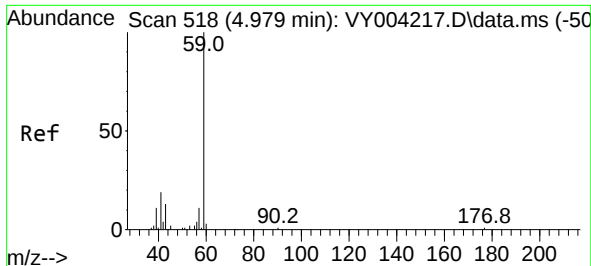
Tgt Ion:168 Resp: 249173
Ion Ratio Lower Upper
168 100
99 58.7 42.6 64.0



#4
Vinyl Chloride
Concen: 3.18 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.013 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

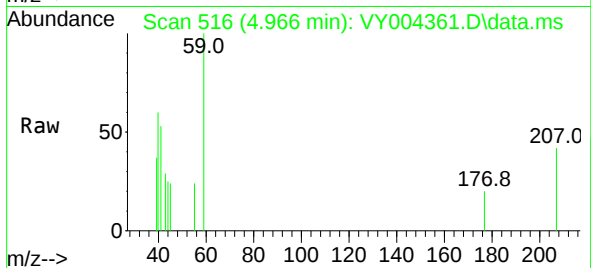
Tgt Ion: 62 Resp: 10308
Ion Ratio Lower Upper
62 100
64 3.8 26.0 39.0#



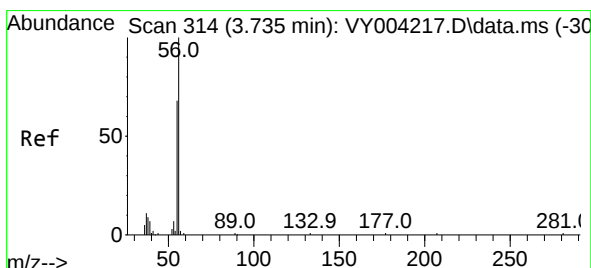
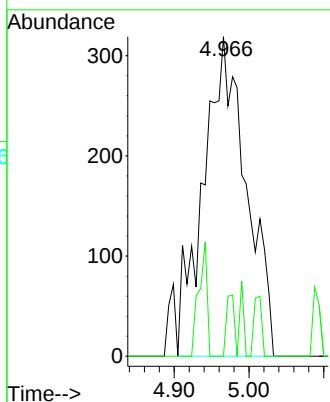
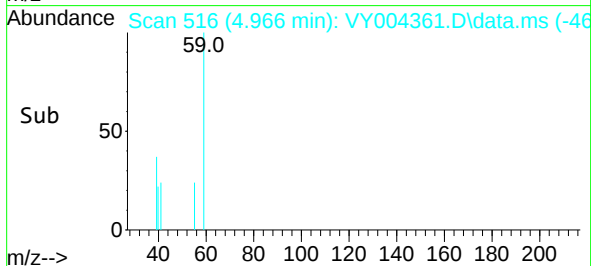


#11
Tert butyl alcohol
Concen: 6.54 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.013 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

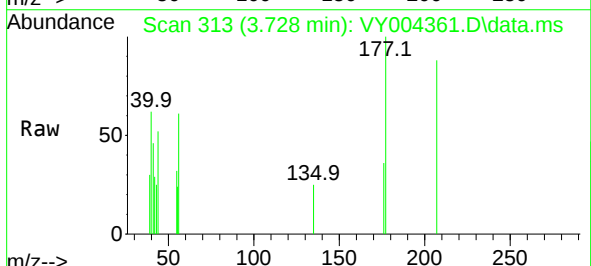
Instrument :
MSVOA_Y
ClientSampleId :
SED-1B



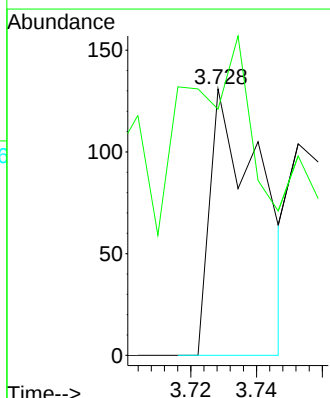
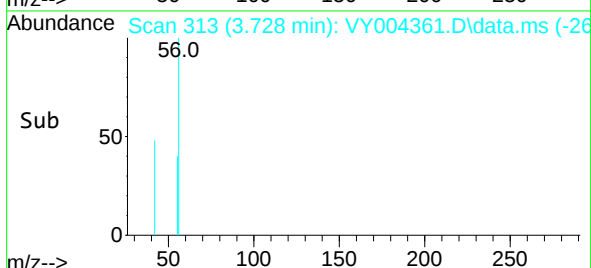
Tgt Ion: 59 Resp: 1275
Ion Ratio Lower Upper
59 100
57 3.5 8.9 13.3#

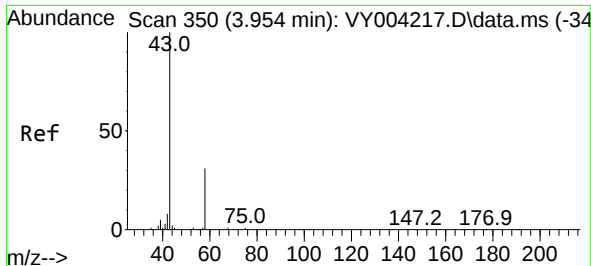


#13
Acrolein
Concen: Below Cal
RT: 3.728 min Scan# 313
Delta R.T. -0.007 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32



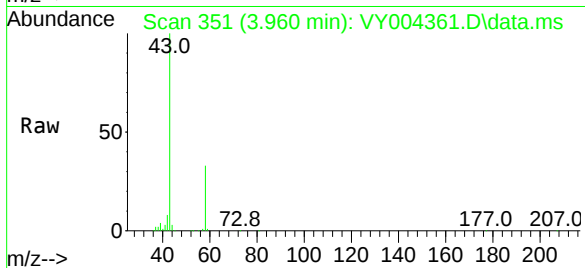
Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 227.9 55.0 82.4#



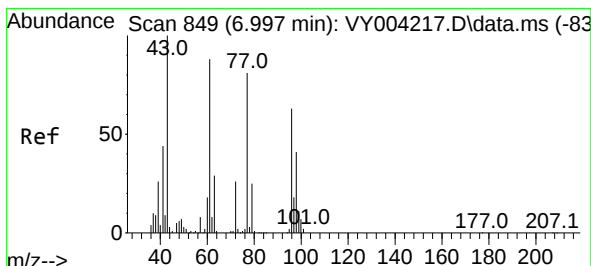
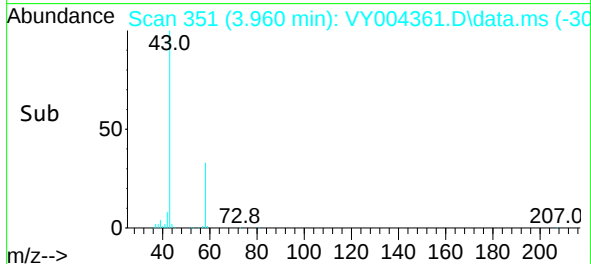
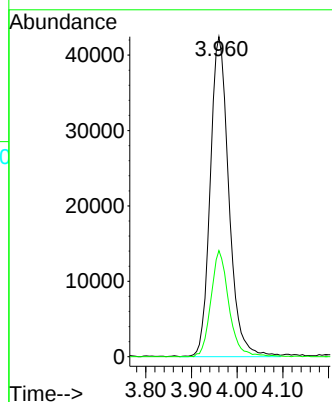


#16
Acetone
Concen: 240.77 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Instrument :
MSVOA_Y
ClientSampleId :
SED-1B

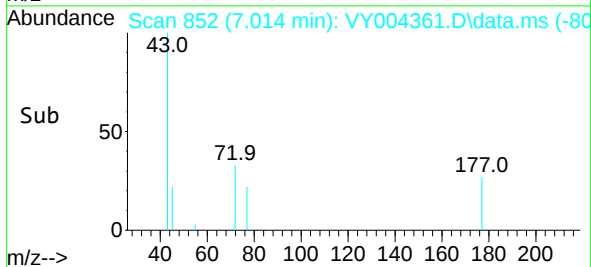
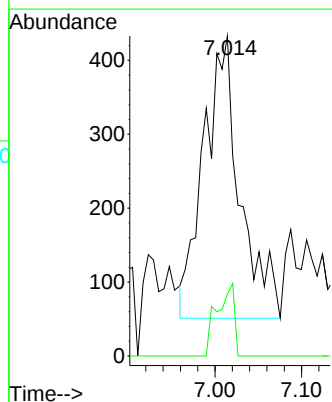
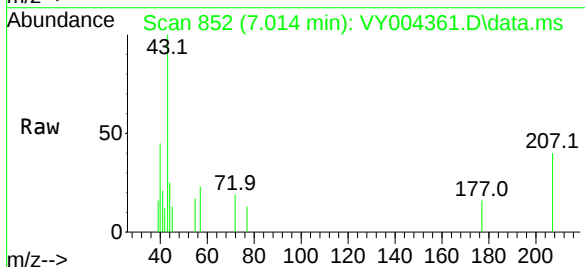


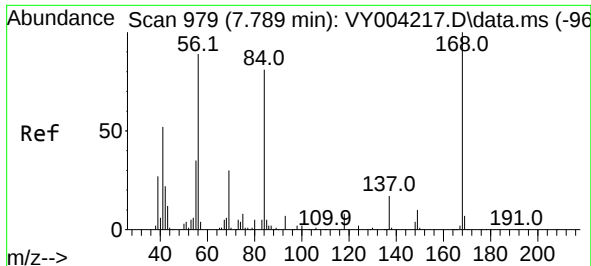
Tgt Ion: 43 Resp: 120154
Ion Ratio Lower Upper
43 100
58 33.2 24.5 36.7



#25
2-Butanone
Concen: 1.34 ug/l
RT: 7.014 min Scan# 852
Delta R.T. 0.018 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

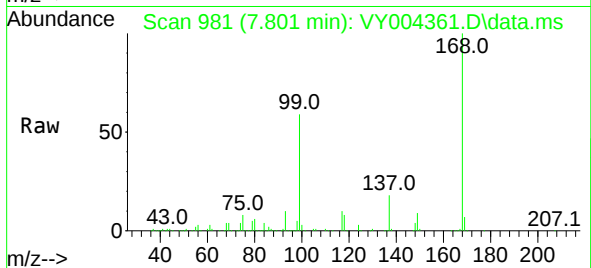
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
72 22.0 21.0 31.6



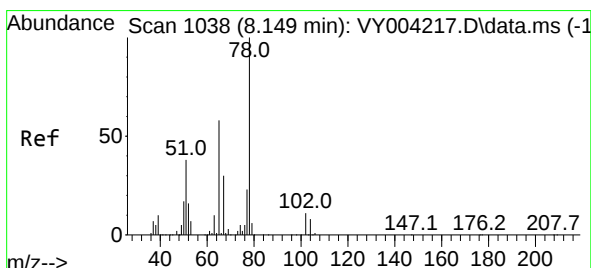
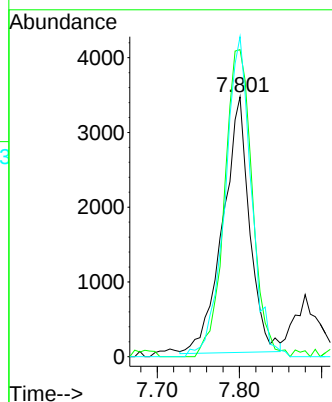
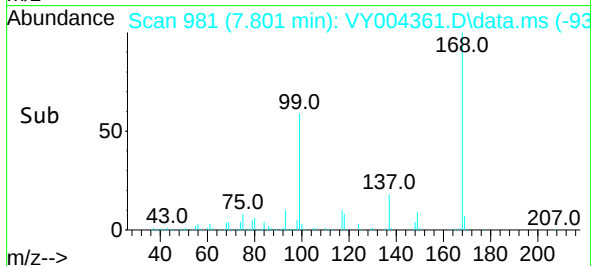


#31
Cyclohexane
Concen: 1.83 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

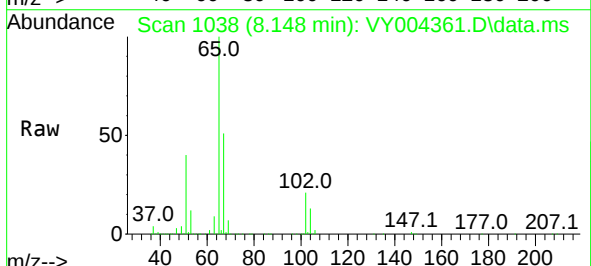
Instrument :
MSVOA_Y
ClientSampleId :
SED-1B



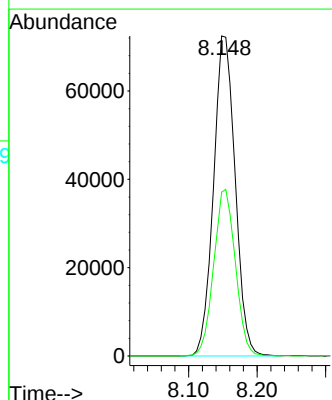
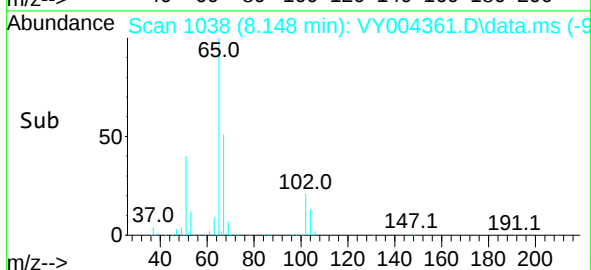
Tgt Ion: 56 Resp: 7760
Ion Ratio Lower Upper
56 100
69 120.6 26.6 40.0#
84 125.7 72.3 108.5#

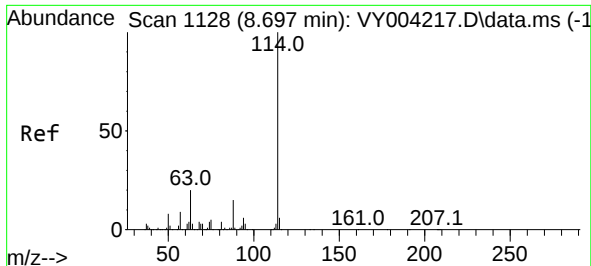


#33
1,2-Dichloroethane-d4
Concen: 66.34 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32



Tgt Ion: 65 Resp: 158896
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2

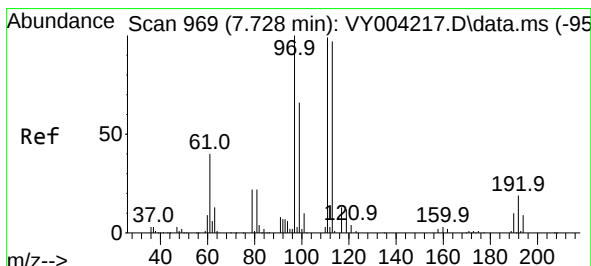
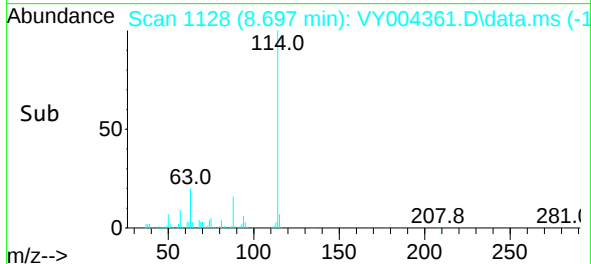
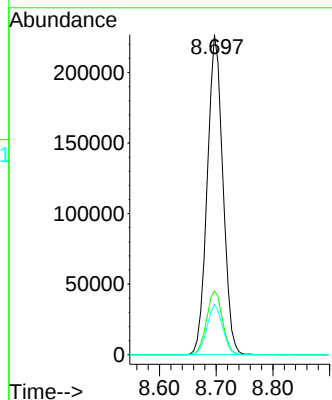
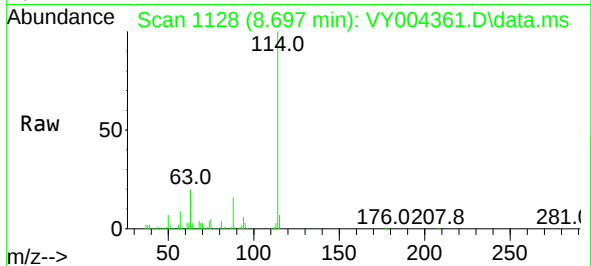




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

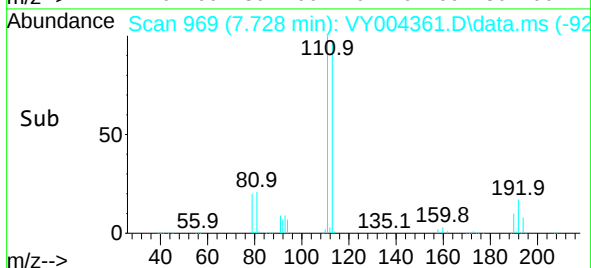
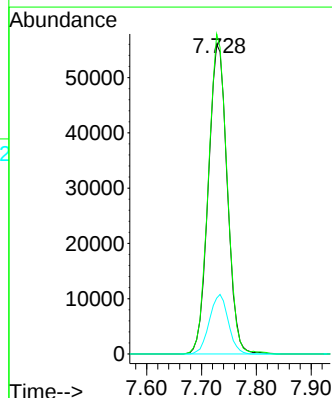
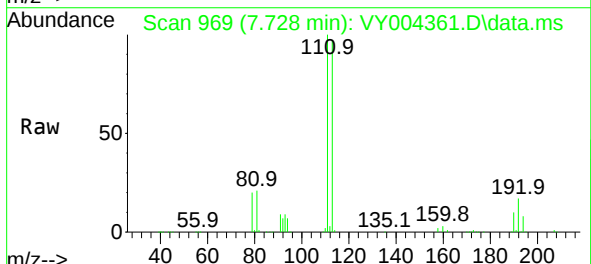
Instrument :
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ClientSampleId :
SED-1B

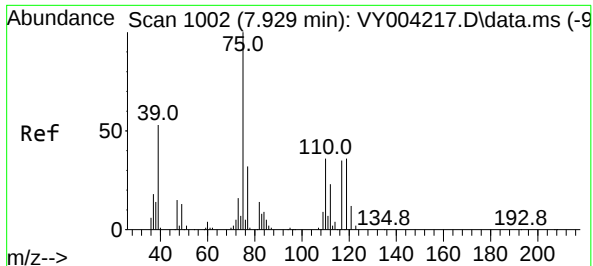
Tgt Ion:	114	Resp:	432973
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.4
88	15.6	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.46 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Tgt Ion:	113	Resp:	133809
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	19.1	16.4	24.6





#36

1,1-Dichloropropene

Concen: 4.97 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.129 min

Lab File: VY004361.D

Acq: 09 Apr 2021 16:32

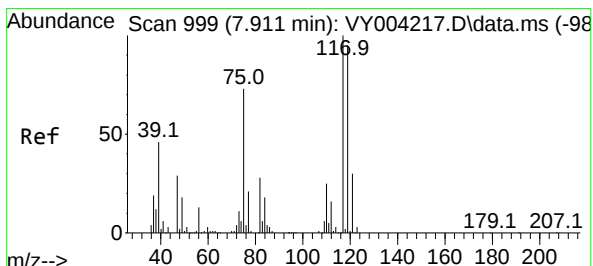
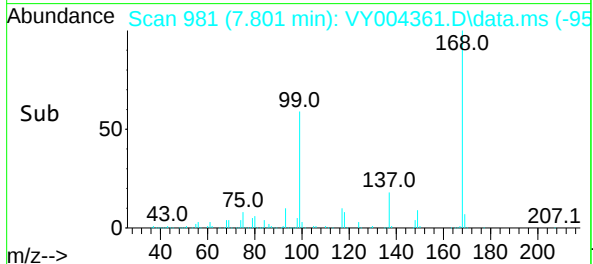
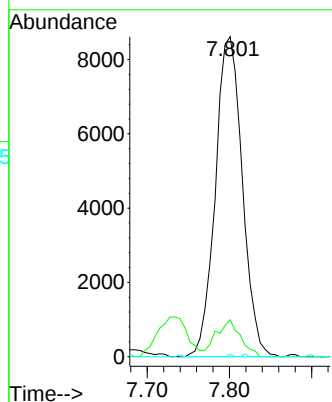
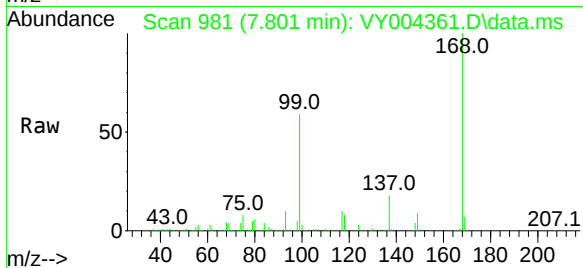
Instrument :

MSVOA_Y

ClientSampleId :

SED-1B

Tgt Ion: 75	Resp: 19642
Ion Ratio	Lower Upper
75 100	
110 10.5	18.1 54.3#
77 0.1	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.35 ug/l

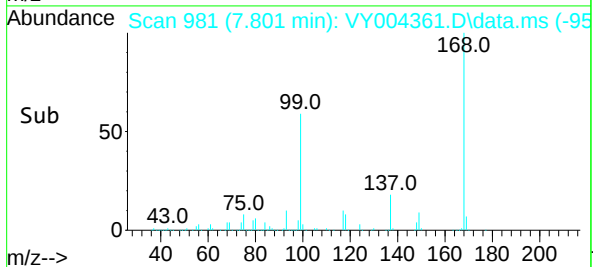
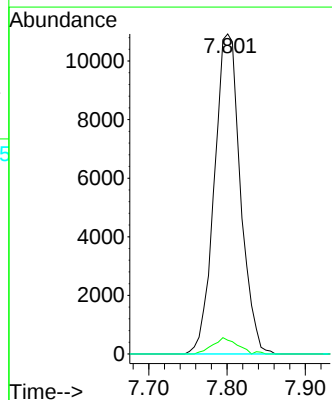
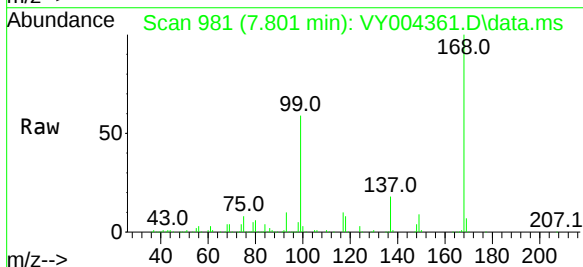
RT: 7.801 min Scan# 981

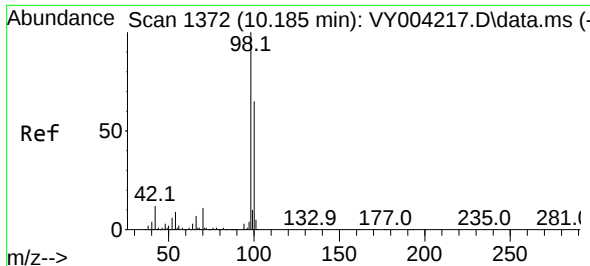
Delta R.T. -0.110 min

Lab File: VY004361.D

Acq: 09 Apr 2021 16:32

Tgt Ion: 117	Resp: 25249
Ion Ratio	Lower Upper
117 100	
119 4.3	75.6 113.4#
121 0.0	24.3 36.5#

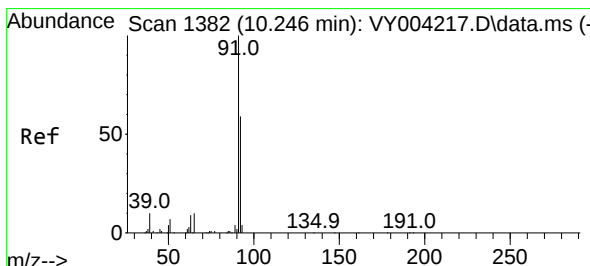
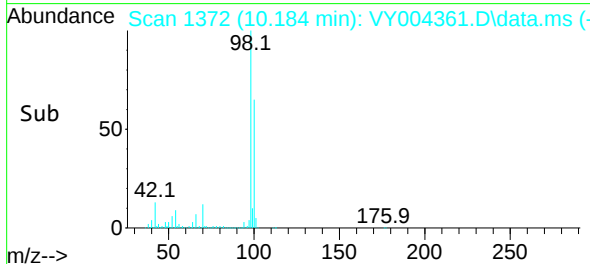
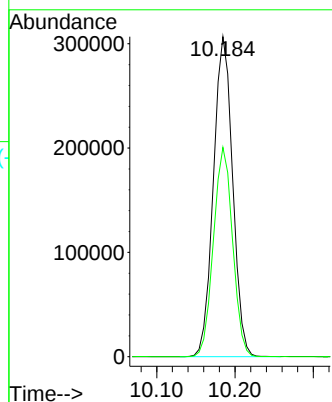
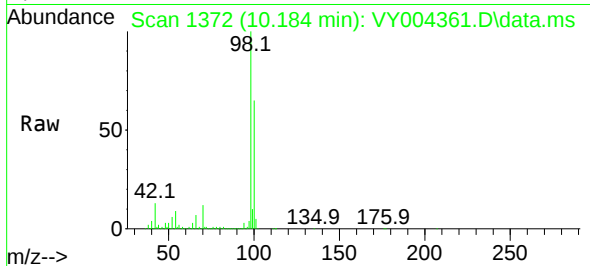




#50
Toluene-d8
Concen: 57.69 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

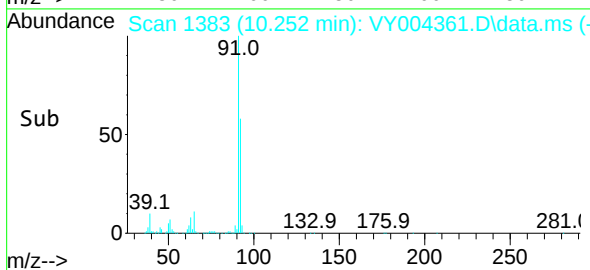
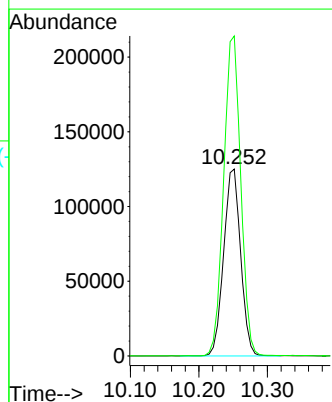
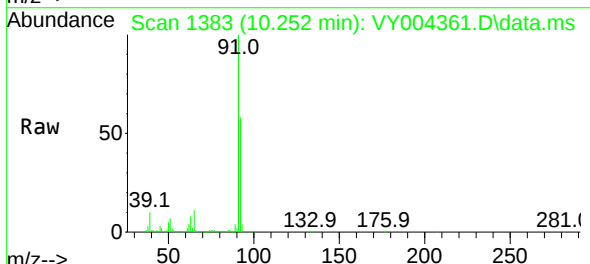
Instrument :
MSVOA_Y
ClientSampled :
SED-1B

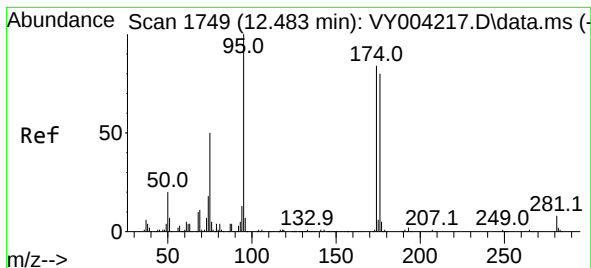
Tgt Ion: 98 Resp: 523473
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#52
Toluene
Concen: 29.82 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Tgt Ion: 92 Resp: 214805
Ion Ratio Lower Upper
92 100
91 171.9 136.0 204.0

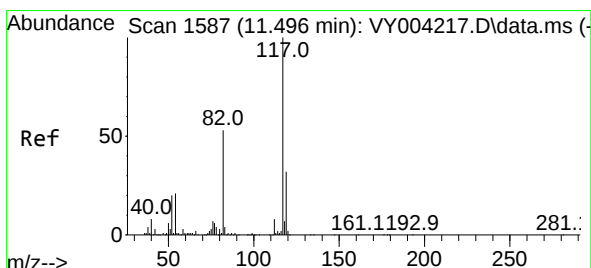
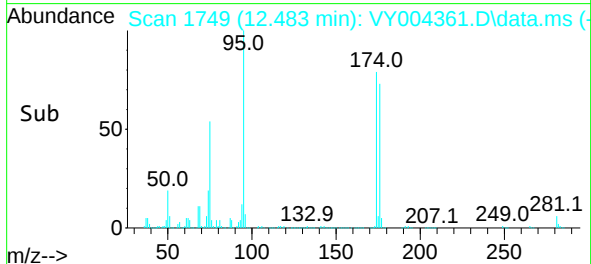
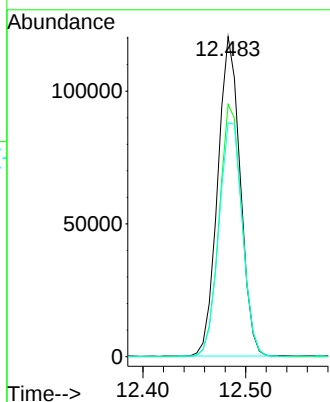
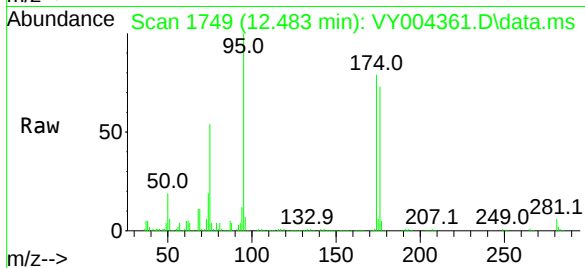




#62
4-Bromofluorobenzene
Concen: 58.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

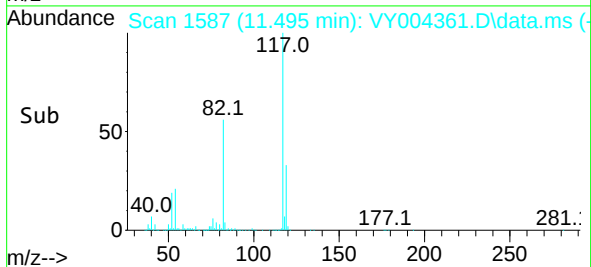
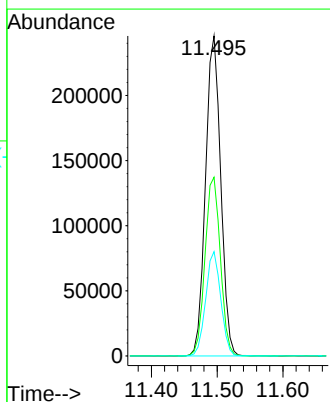
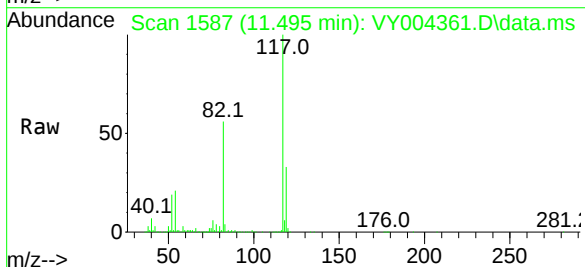
Instrument :
MSVOA_Y
ClientSampleId :
SED-1B

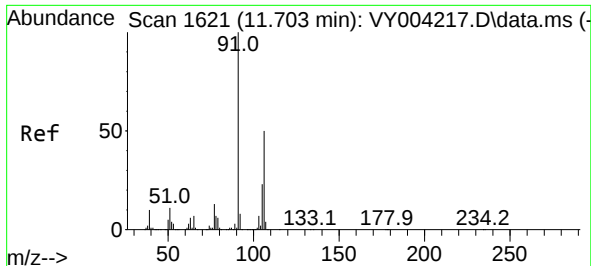
Tgt Ion: 95 Resp: 182391
Ion Ratio Lower Upper
95 100
174 79.9 0.0 171.4
176 76.5 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Tgt Ion: 117 Resp: 395484
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 32.6 25.7 38.5

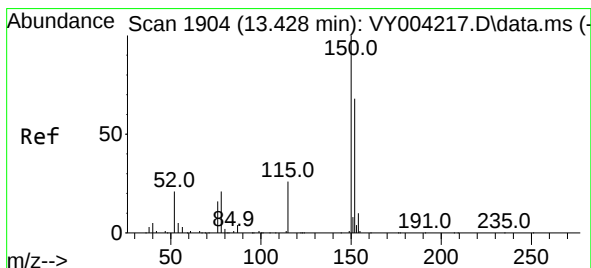
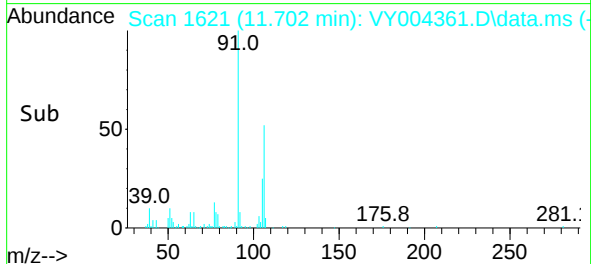
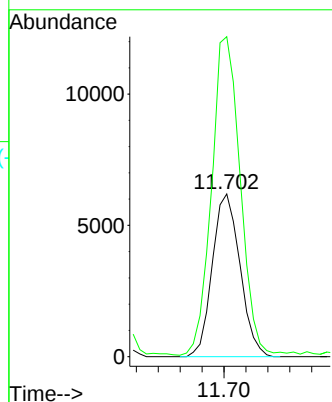
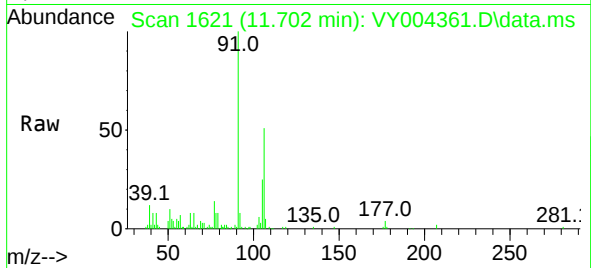




#68
m/p-Xylenes
Concen: 1.97 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

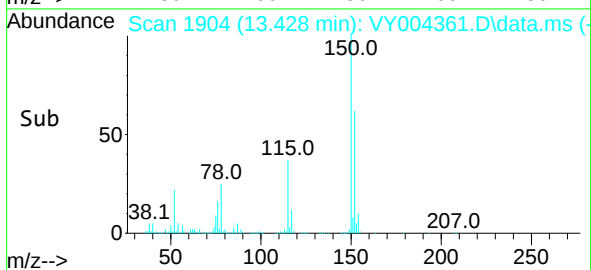
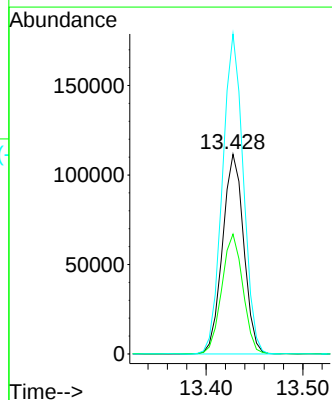
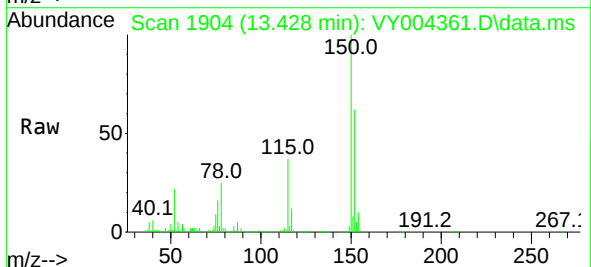
Instrument :
MSVOA_Y
ClientSampleId :
SED-1B

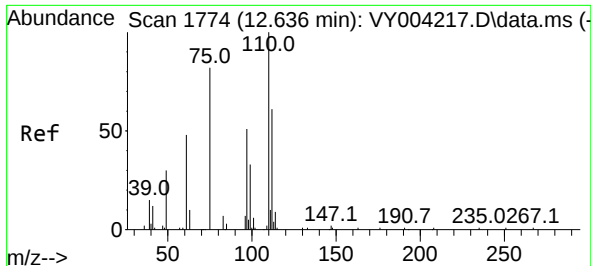
Tgt Ion:106 Resp: 10855
Ion Ratio Lower Upper
106 100
91 202.6 159.8 239.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.001 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Tgt Ion:152 Resp: 169703
Ion Ratio Lower Upper
152 100
115 59.7 29.0 87.1
150 157.6 0.0 347.4

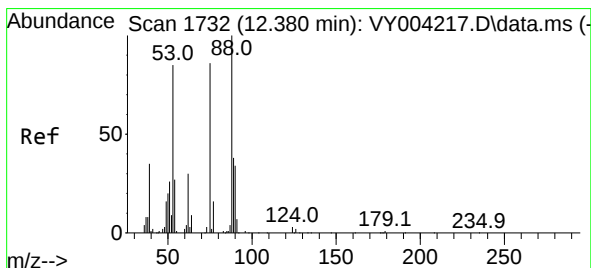
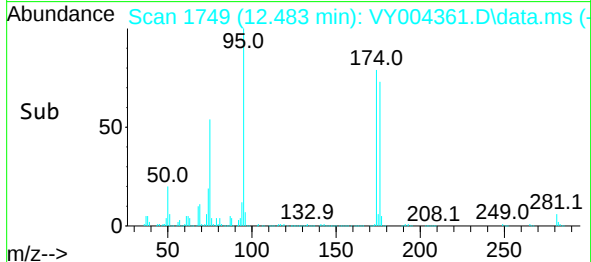
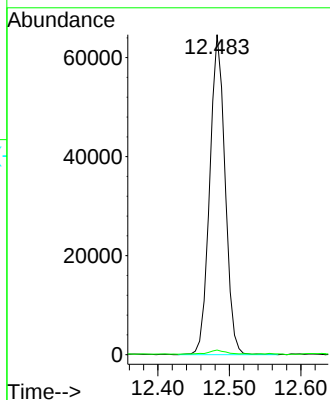
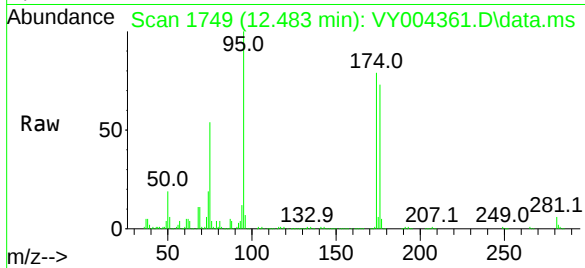




#76
1,2,3-Trichloropropane
Concen: 62.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

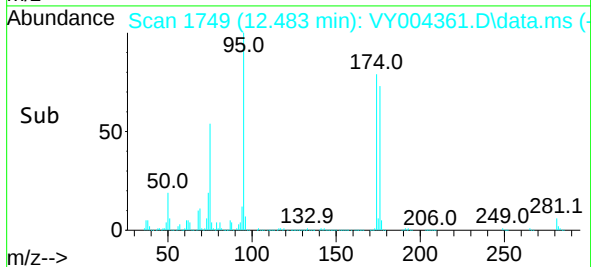
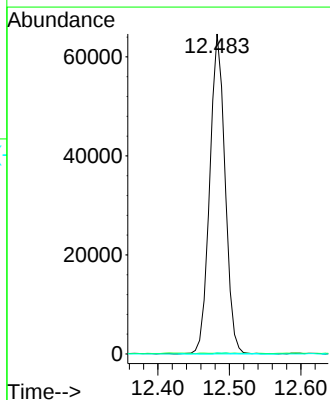
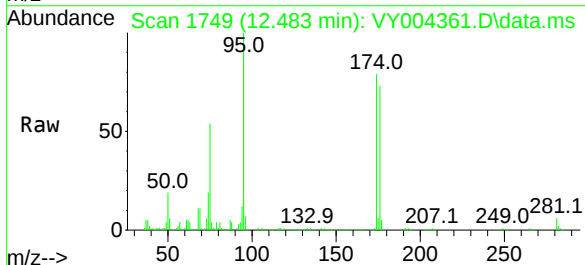
Instrument :
MSVOA_Y
ClientSampleId :
SED-1B

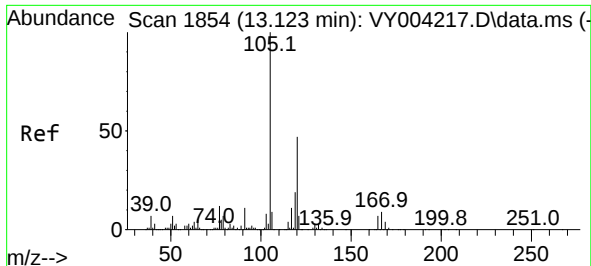
Tgt Ion: 75 Resp: 96310
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Tgt Ion: 75 Resp: 96310
Ion Ratio Lower Upper
75 100
53 0.2 79.3 118.9#
89 0.4 39.4 59.2#

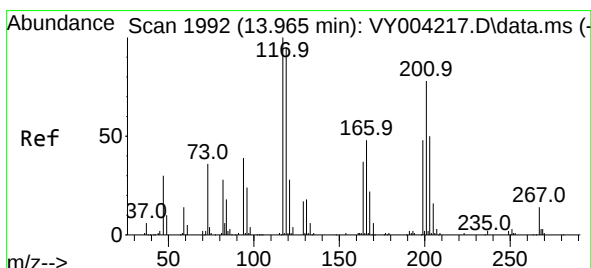
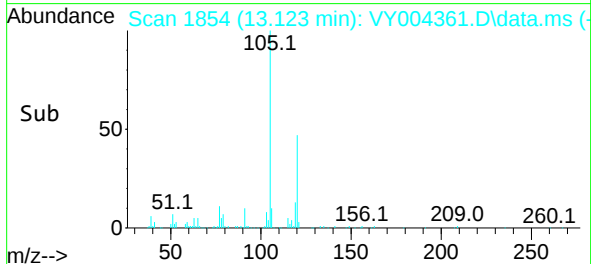
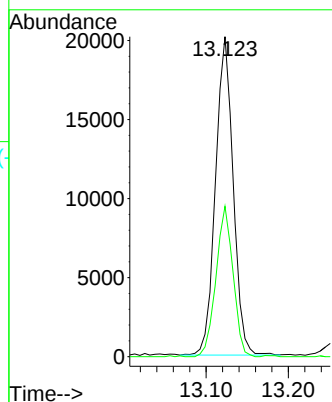
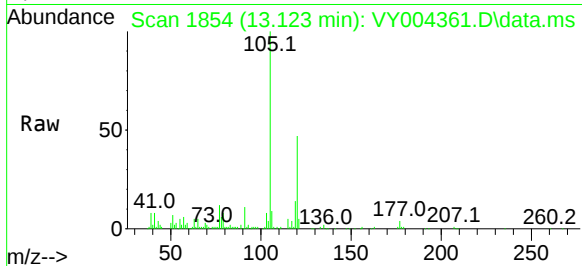




#84
1,2,4-Trimethylbenzene
Concen: 2.97 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Instrument :
MSVOA_Y
ClientSampleId :
SED-1B

Tgt Ion:105 Resp: 30106
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7



#90
Hexachloroethane
Concen: 8.18 ug/l
RT: 13.976 min Scan# 1994
Delta R.T. 0.011 min
Lab File: VY004361.D
Acq: 09 Apr 2021 16:32

Tgt Ion:117 Resp: 1040
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

