

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004362.D
 Acq On : 09 Apr 2021 16:55
 Operator : SY/MD
 Sample : M1967-05
 Misc : 3.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1C

Quant Time: Apr 10 02:04:48 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)

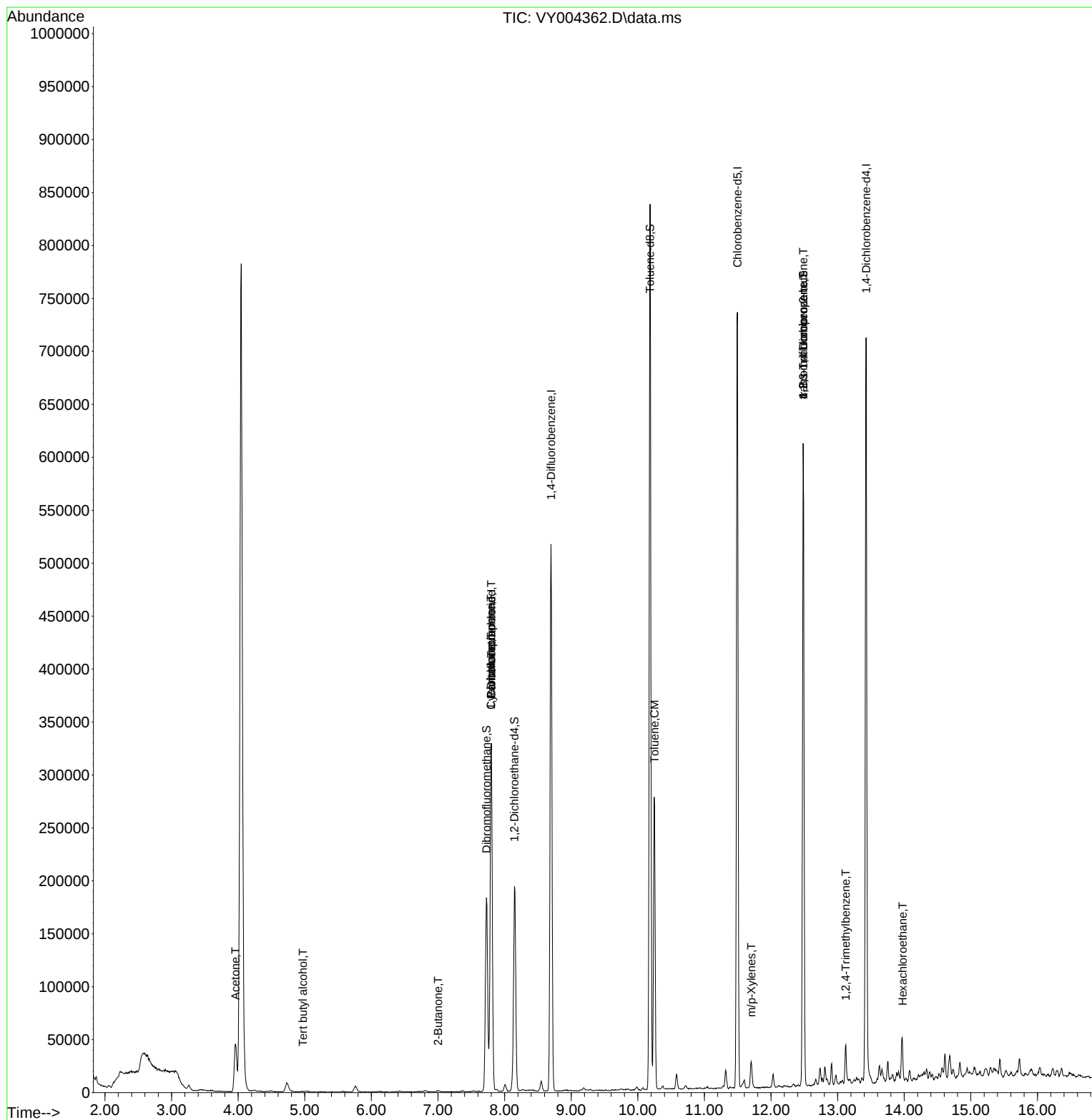
Internal Standards						
1) Pentafluorobenzene	7.801	168	251033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	435153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	396240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	149644	62.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.02%
35) Dibromofluoromethane	7.728	113	130487	53.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.64%
50) Toluene-d8	10.185	98	529827	58.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.20%
62) 4-Bromofluorobenzene	12.483	95	179034	57.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.56%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1176	5.99	ug/l #	71
13) Acrolein	3.741	56	61	Below	Cal #	15
16) Acetone	3.960	43	83273	165.63	ug/l	99
25) 2-Butanone	7.003	43	2292	2.73	ug/l	92
31) Cyclohexane	7.795	56	6993	1.64	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	20294	5.11	ug/l #	49
38) Carbon Tetrachloride	7.801	117	25328	7.33	ug/l #	15
52) Toluene	10.252	92	110515	15.27	ug/l	94
68) m/p-Xylenes	11.703	106	6708	1.22	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	95602	60.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	95602	111.60	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.123	105	19505	1.88	ug/l	98
90) Hexachloroethane	13.977	117	779	7.94	ug/l #	12

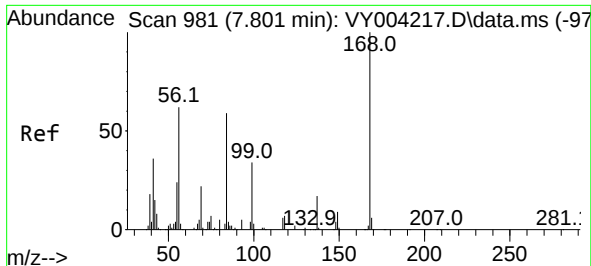
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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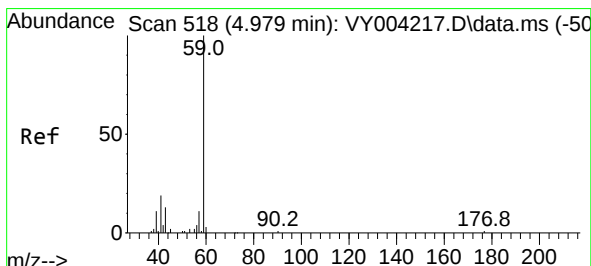
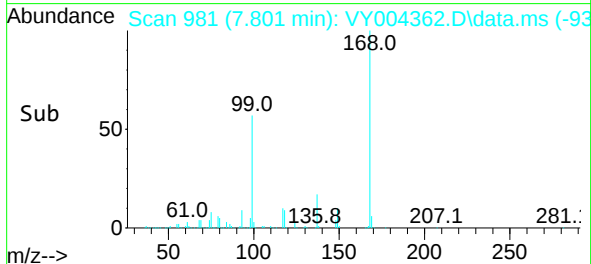
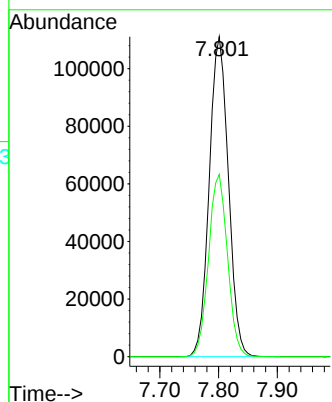
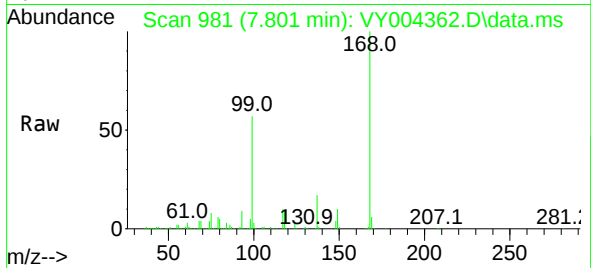




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

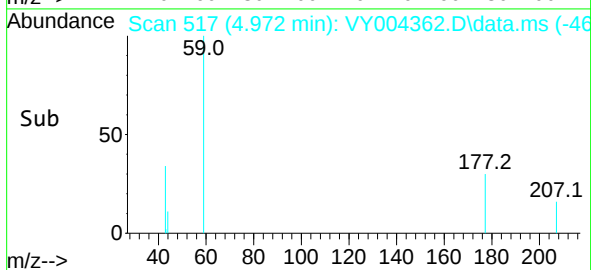
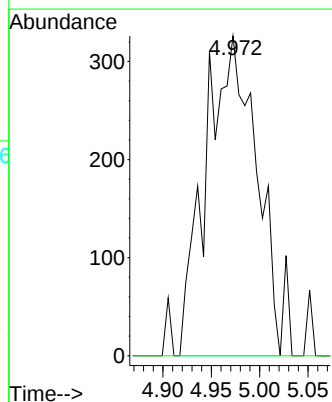
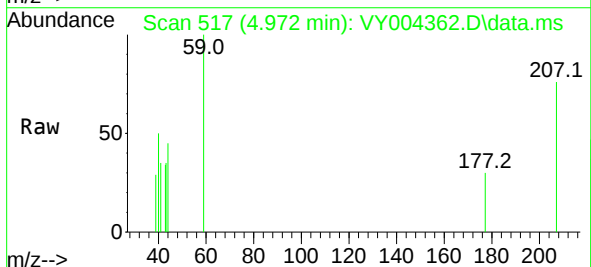
Instrument :
MSVOA_Y
ClientSampleId :
SED-1C

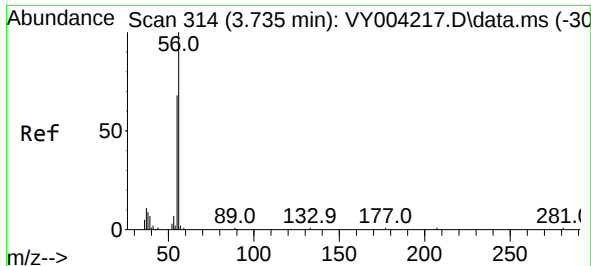
Tgt Ion:168 Resp: 251033
Ion Ratio Lower Upper
168 100
99 56.9 42.6 64.0



#11
Tert butyl alcohol
Concen: 5.99 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

Tgt Ion: 59 Resp: 1176
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

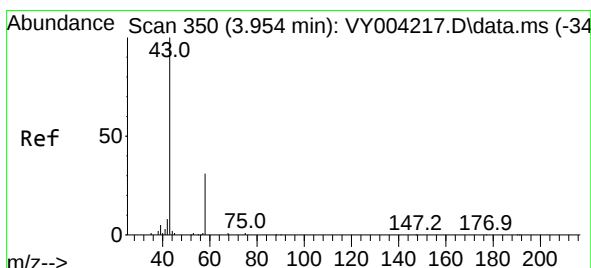
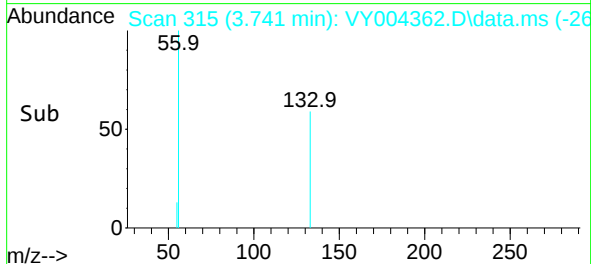
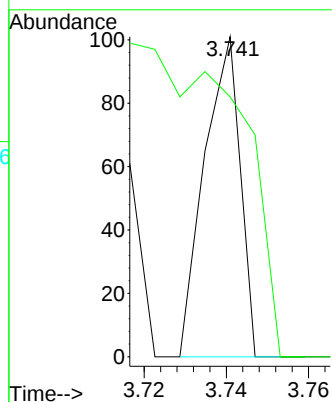
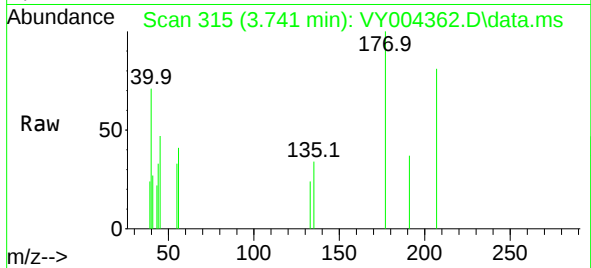




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

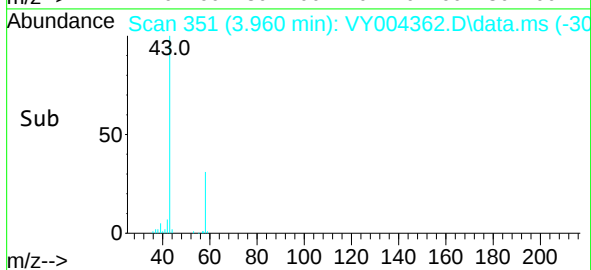
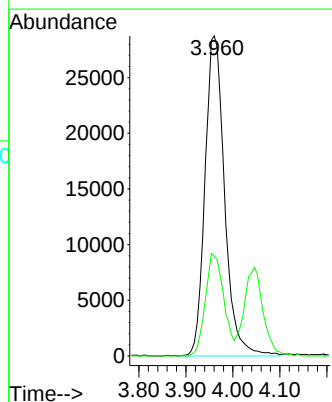
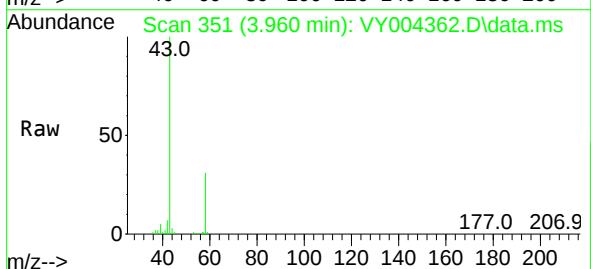
Instrument :
MSVOA_Y
ClientSampleId :
SED-1C

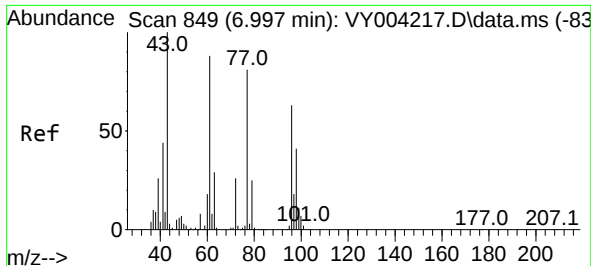
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#



#16
Acetone
Concen: 165.63 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

Tgt Ion: 43 Resp: 83273
Ion Ratio Lower Upper
43 100
58 31.2 24.5 36.7

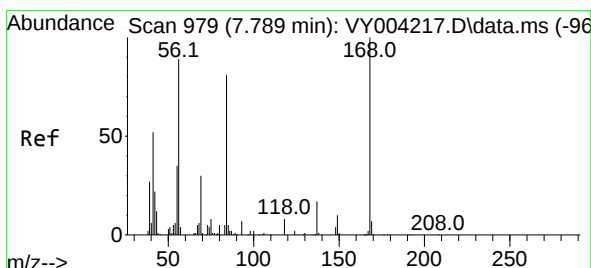
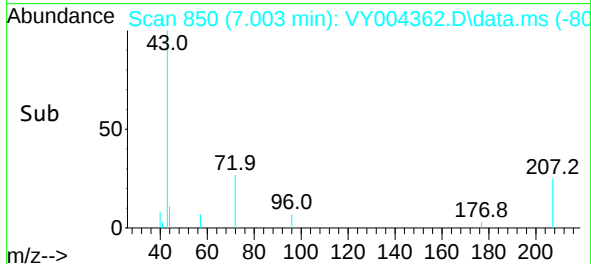
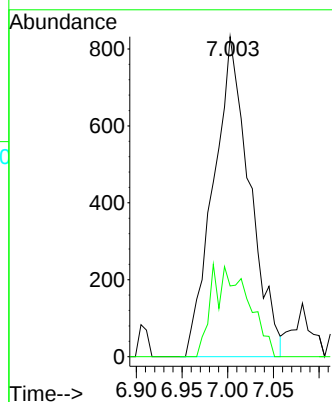
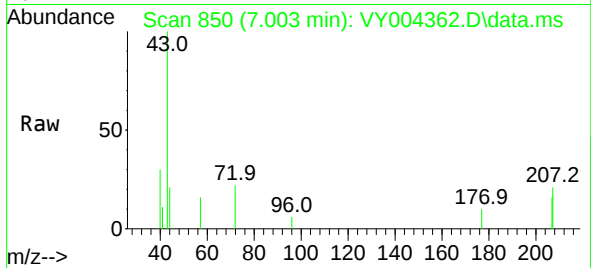




#25
2-Butanone
Concen: 2.73 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

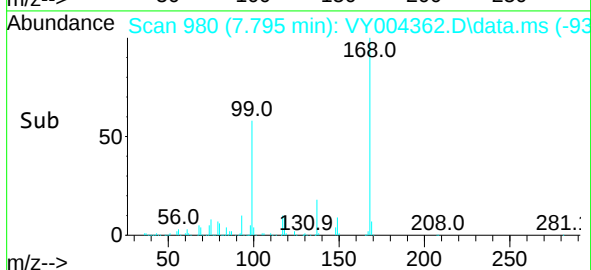
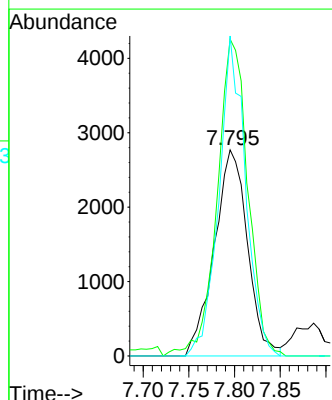
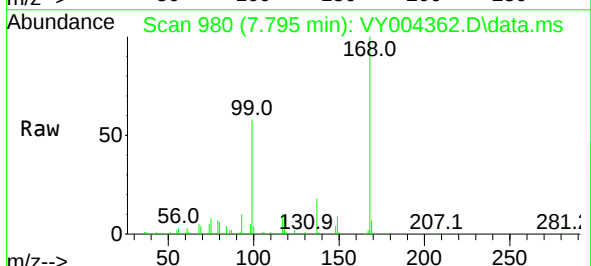
Instrument :
MSVOA_Y
ClientSampled :
SED-1C

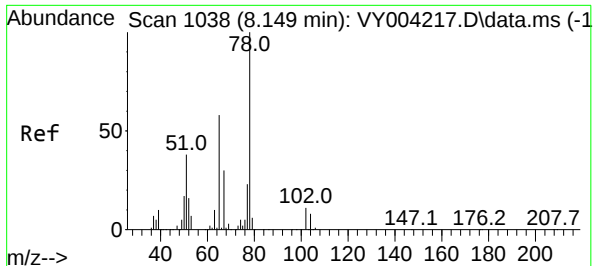
Tgt Ion: 43 Resp: 2292
Ion Ratio Lower Upper
43 100
72 22.1 21.0 31.6



#31
Cyclohexane
Concen: 1.64 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

Tgt Ion: 56 Resp: 6993
Ion Ratio Lower Upper
56 100
69 151.6 26.6 40.0#
84 155.2 72.3 108.5#

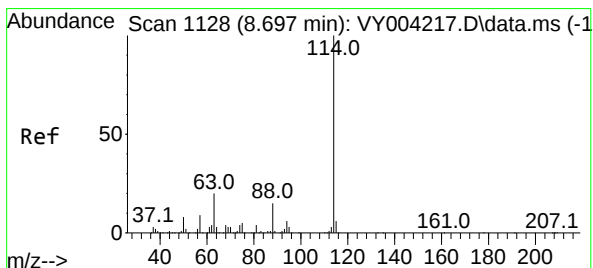
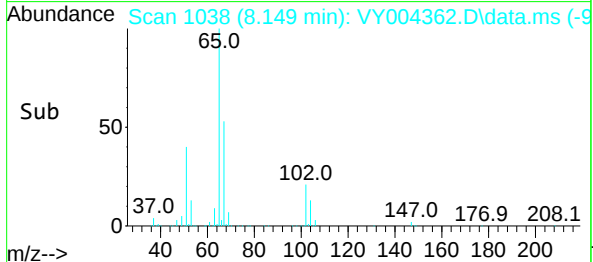
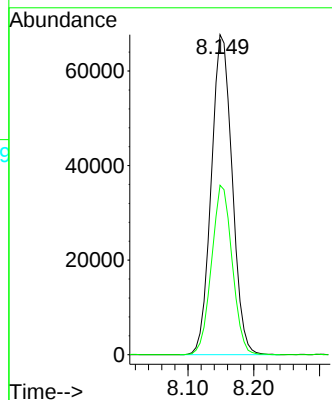
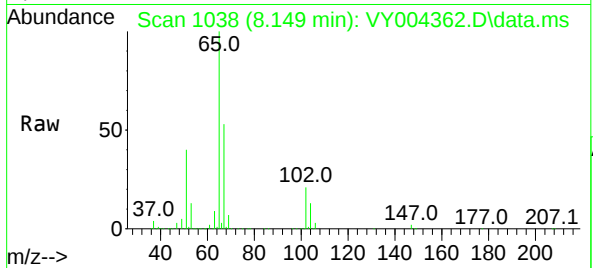




#33
1,2-Dichloroethane-d4
Concen: 62.01 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

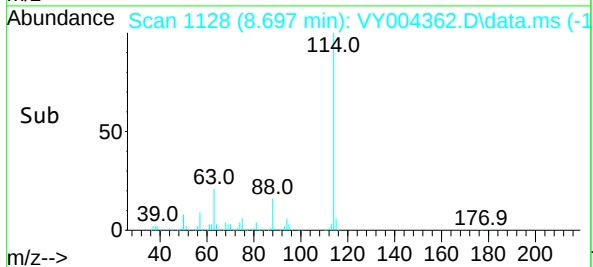
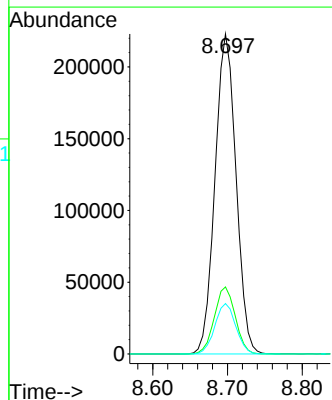
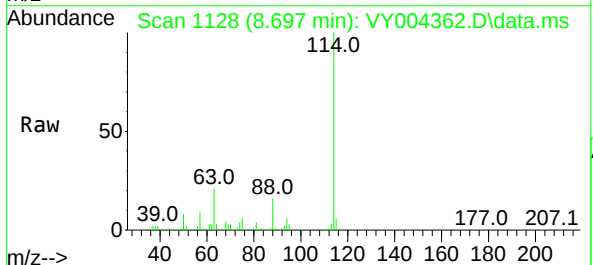
Instrument :
MSVOA_Y
ClientSampleId :
SED-1C

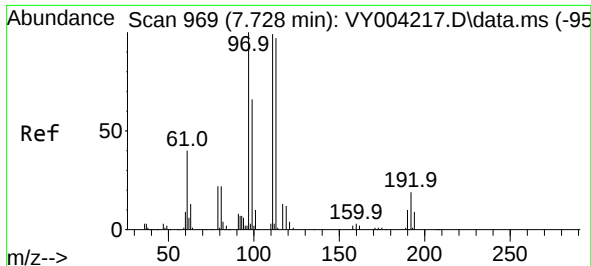
Tgt Ion: 65 Resp: 149644
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

Tgt Ion: 114 Resp: 435153
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 15.8 0.0 30.8

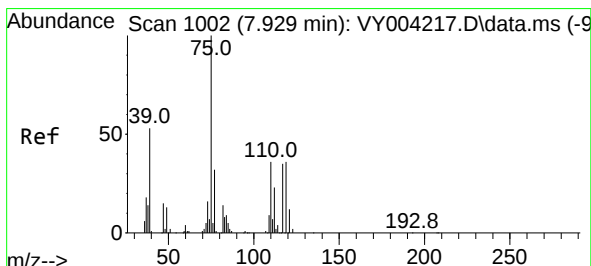
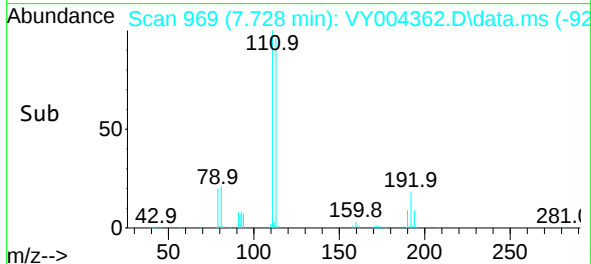
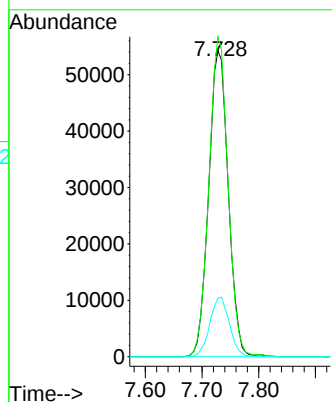
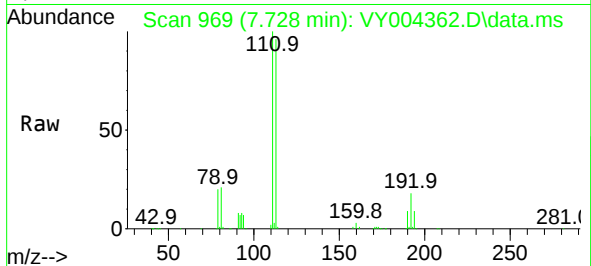




#35
Dibromofluoromethane
Concen: 53.82 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

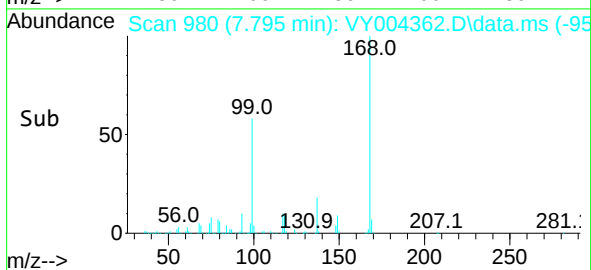
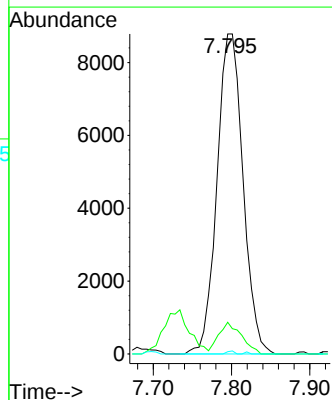
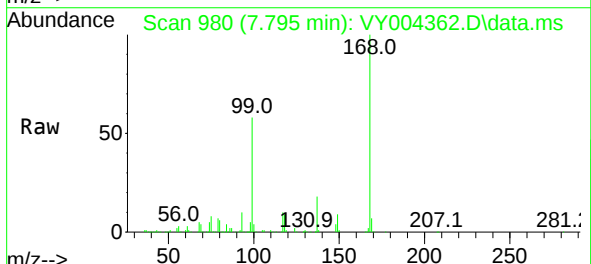
Instrument :
MSVOA_Y
ClientSampleId :
SED-1C

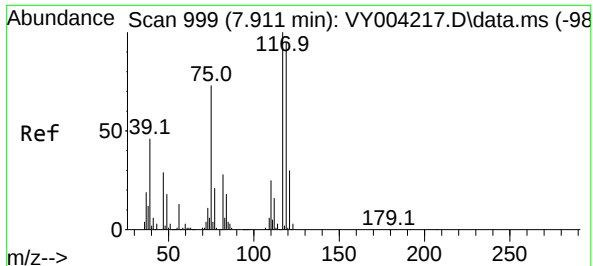
Tgt Ion:113 Resp: 130487
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.4 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

Tgt Ion: 75 Resp: 20294
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.3 25.1 37.7#

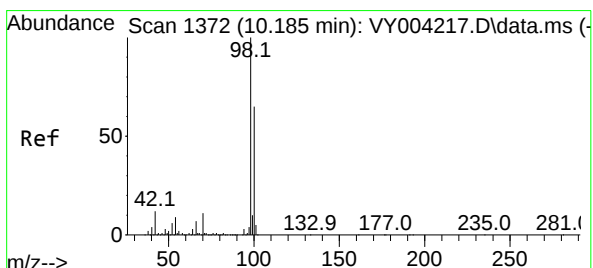
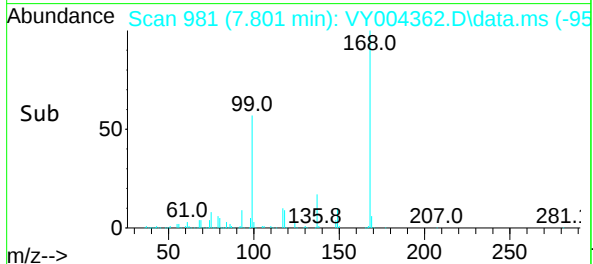
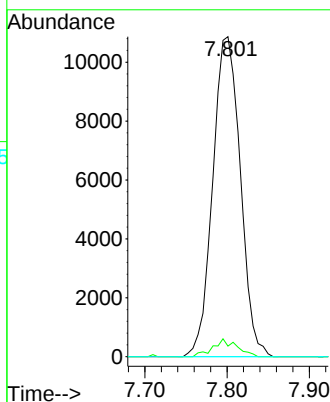
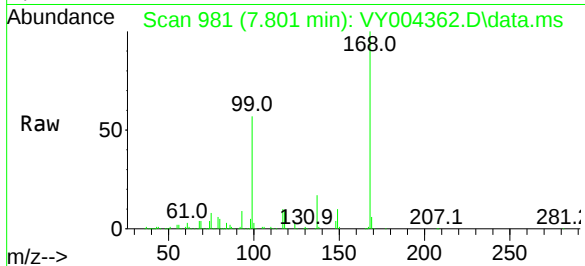




#38
Carbon Tetrachloride
Concen: 7.33 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

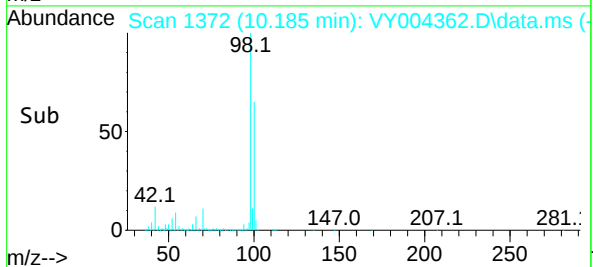
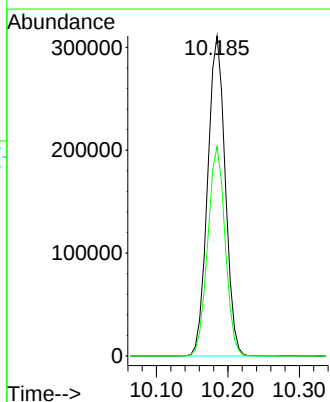
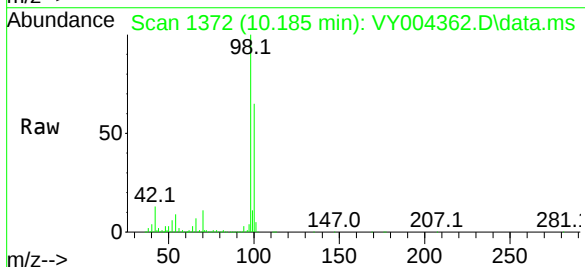
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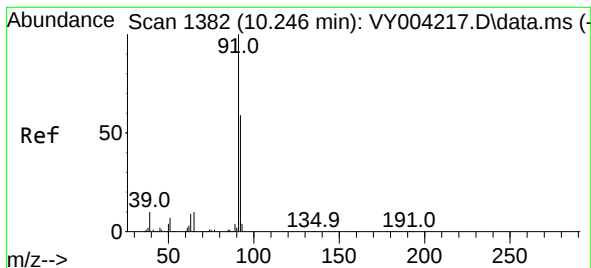
Tgt Ion:117 Resp: 25328
Ion Ratio Lower Upper
117 100
119 3.3 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

Tgt Ion: 98 Resp: 529827
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#52

Toluene

Concen: 15.27 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY004362.D

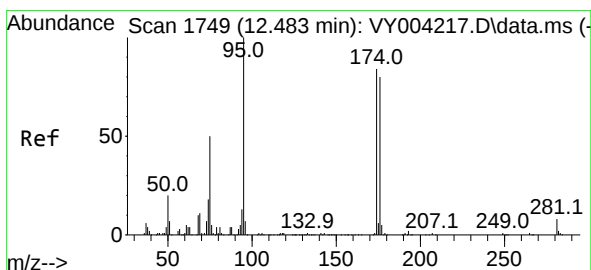
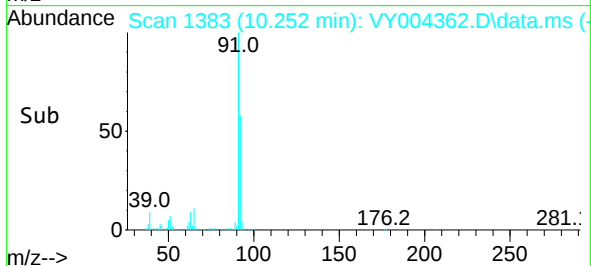
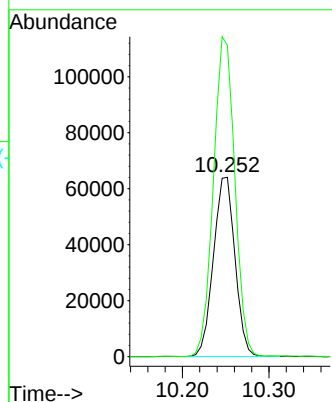
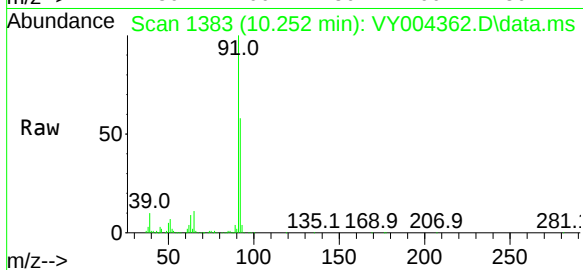
Acq: 09 Apr 2021 16:55

Tgt Ion: 92 Resp: 110515

Ion Ratio Lower Upper

92 100

91 177.8 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 57.28 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY004362.D

Acq: 09 Apr 2021 16:55

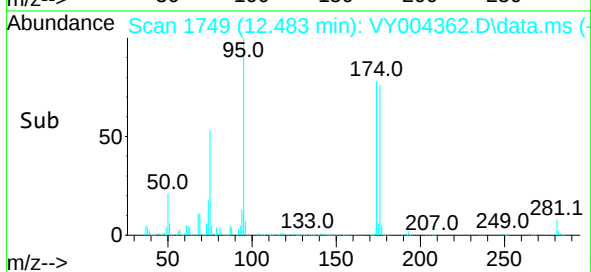
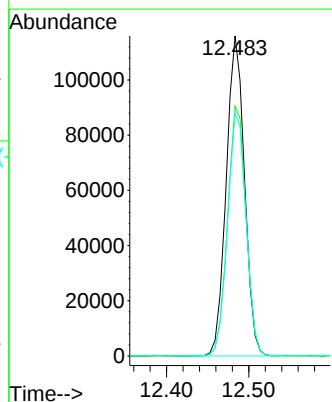
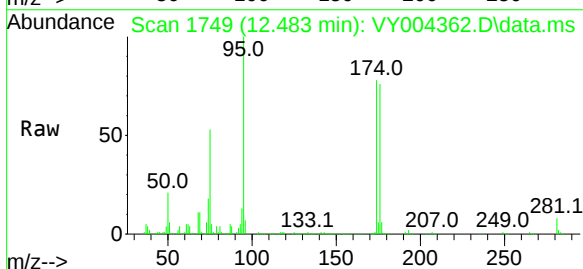
Tgt Ion: 95 Resp: 179034

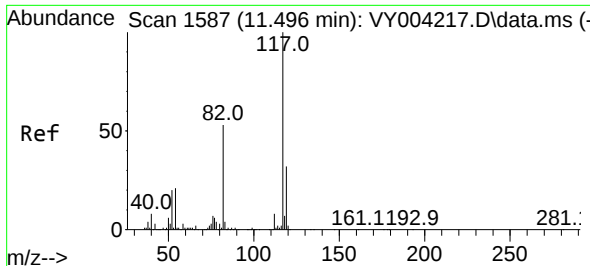
Ion Ratio Lower Upper

95 100

174 79.2 0.0 171.4

176 76.7 0.0 165.6

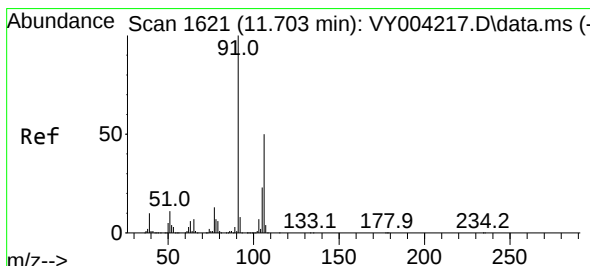
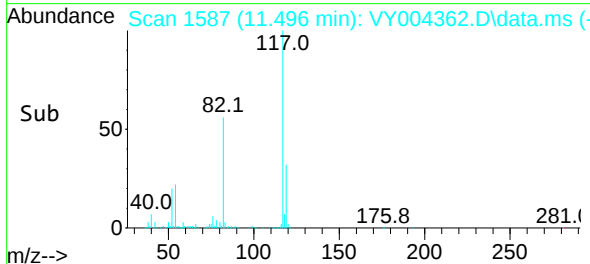
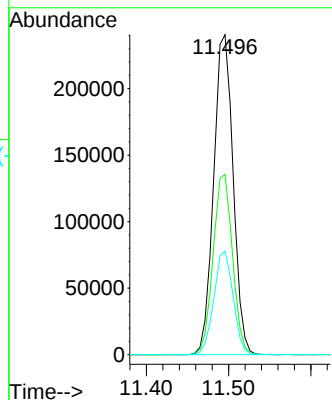
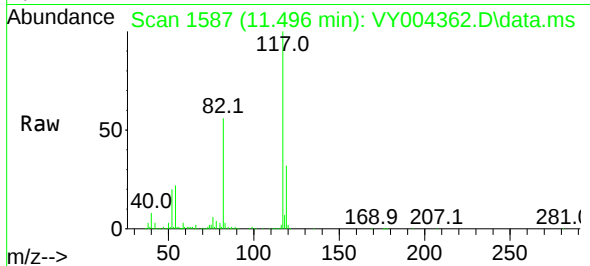




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

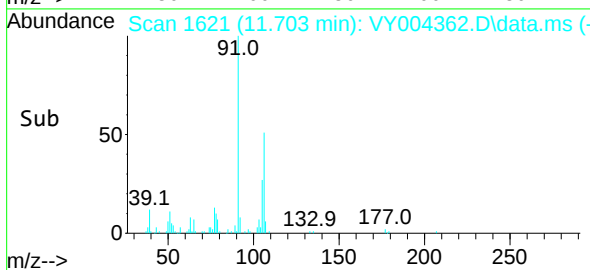
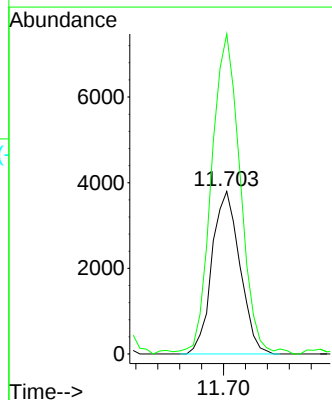
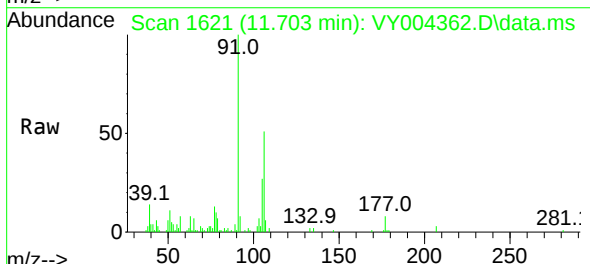
Instrument :
MSVOA_Y
ClientSampleId :
SED-1C

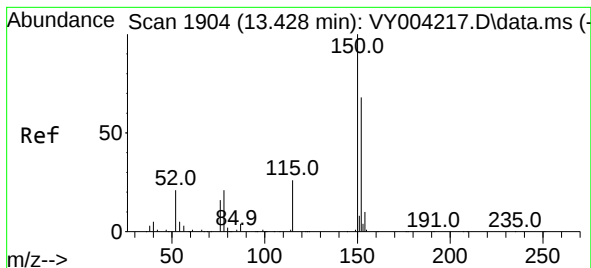
Tgt Ion:117 Resp: 396240
Ion Ratio Lower Upper
117 100
82 56.3 42.7 64.1
119 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 1.22 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

Tgt Ion:106 Resp: 6708
Ion Ratio Lower Upper
106 100
91 202.2 159.8 239.6

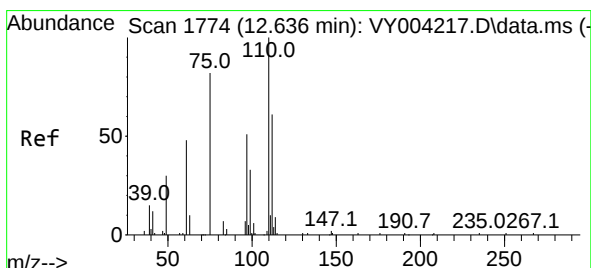
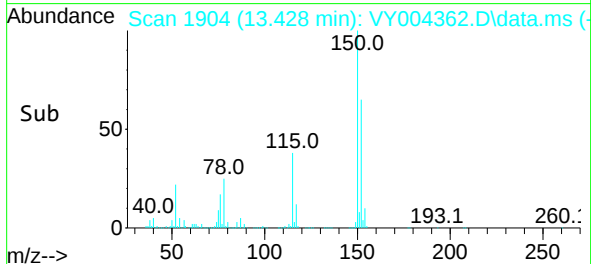
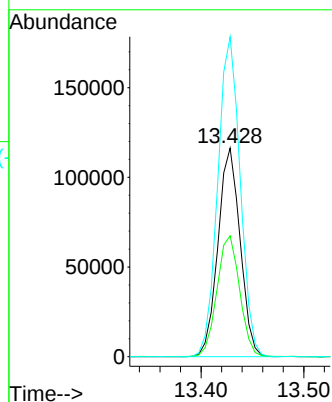
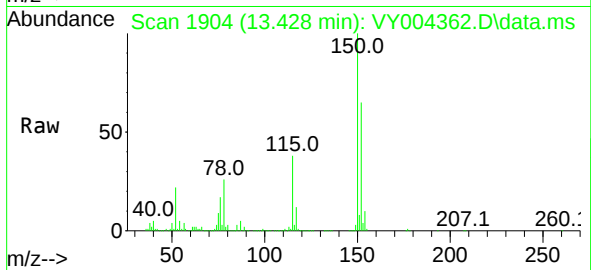




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004362.D
 Acq: 09 Apr 2021 16:55

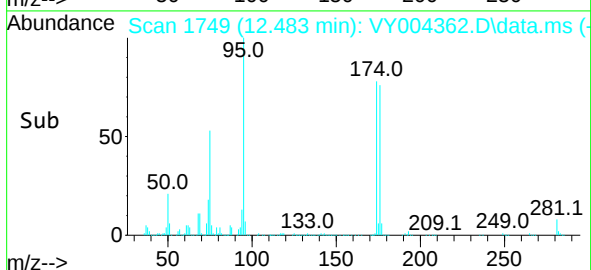
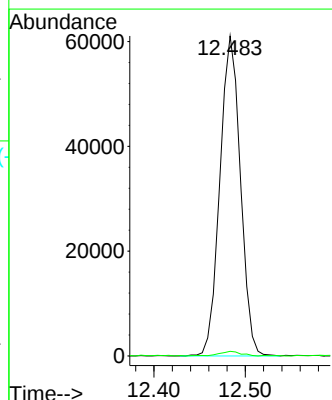
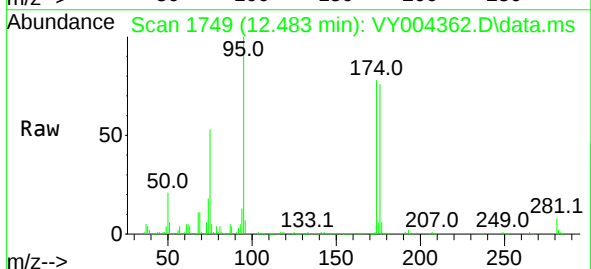
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1C

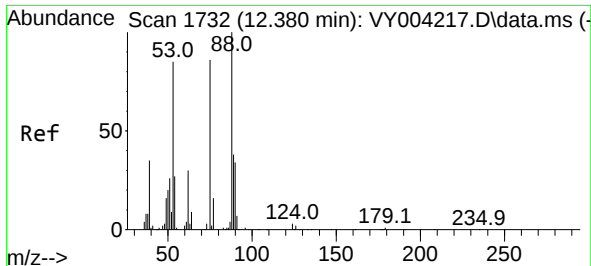
Tgt Ion:152 Resp: 173874
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.0 87.1
 150 154.8 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 60.55 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004362.D
 Acq: 09 Apr 2021 16:55

Tgt Ion: 75 Resp: 95602
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

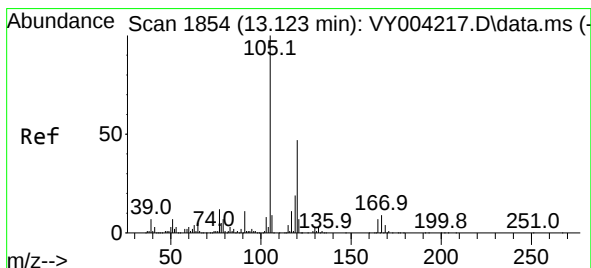
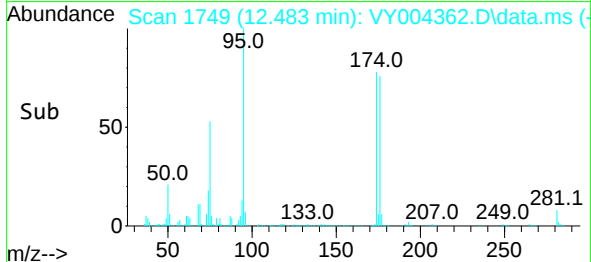
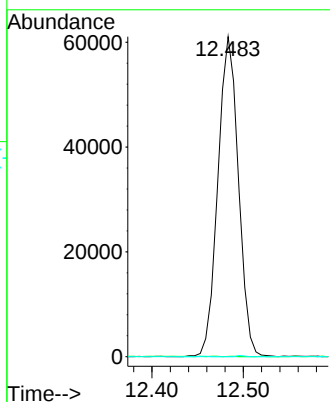
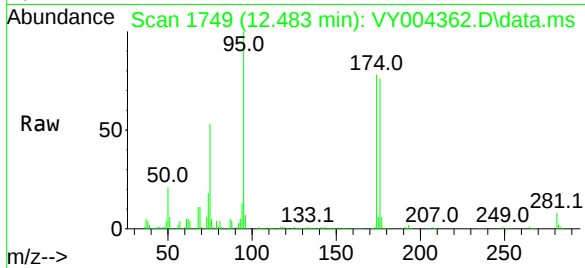




#81
trans-1,4-Dichloro-2-butene
Concen: 111.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

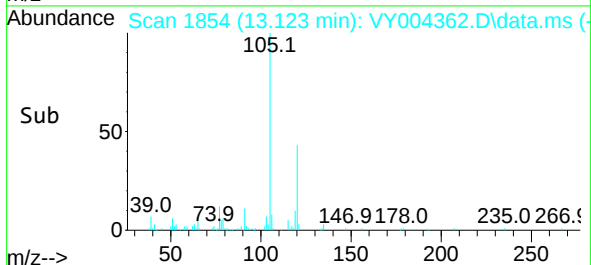
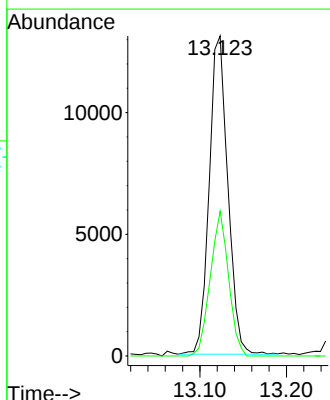
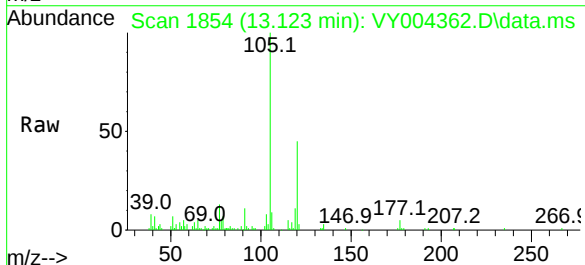
Instrument :
MSVOA_Y
ClientSampleId :
SED-1C

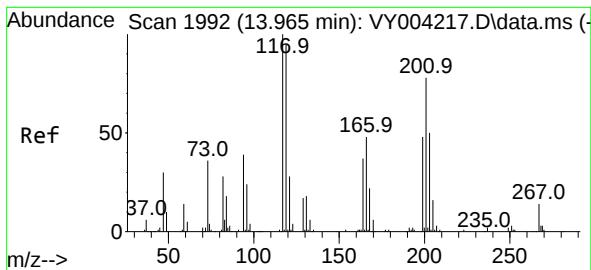
Tgt Ion: 75 Resp: 95602
Ion Ratio Lower Upper
75 100
53 0.1 79.3 118.9#
89 0.1 39.4 59.2#



#84
1,2,4-Trimethylbenzene
Concen: 1.88 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004362.D
Acq: 09 Apr 2021 16:55

Tgt Ion: 105 Resp: 19505
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.7





#90
 Hexachloroethane
 Concen: 7.94 ug/l
 RT: 13.977 min Scan# 1994
 Delta R.T. 0.012 min
 Lab File: VY004362.D
 Acq: 09 Apr 2021 16:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1C

Tgt Ion:117 Resp: 779
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

