

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004243.D
 Acq On : 01 Apr 2021 14:07
 Operator : SY/MD
 Sample : M1894-01
 Misc : 5.08g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210155-CP-COMPOSITE

Quant Time: Apr 02 02:09:52 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)

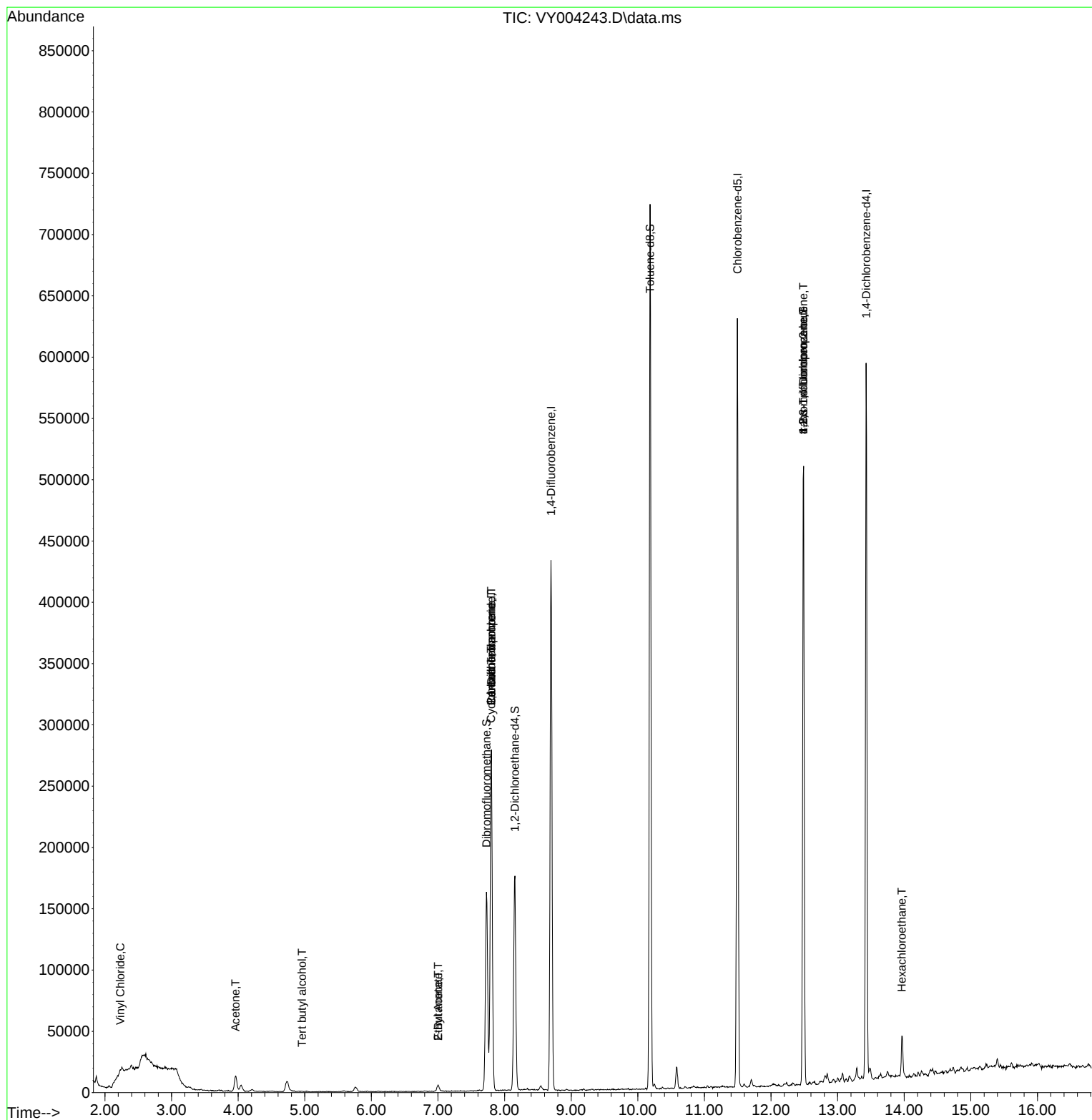
Internal Standards						
1) Pentafluorobenzene	7.801	168	213906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	333599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	133683	65.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.02%			
35) Dibromofluoromethane	7.728	113	113499	55.89	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.78%			
50) Toluene-d8	10.185	98	445018	58.27	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.54%			
62) 4-Bromofluorobenzene	12.483	95	147065	56.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.36%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.229	62	7922	2.84	ug/l #	42
11) Tert butyl alcohol	4.960	59	387	2.31	ug/l #	71
13) Acrolein	3.747	56	804	Below Cal	#	15
16) Acetone	3.960	43	22469	52.45	ug/l	96
25) 2-Butanone	7.002	43	8958	12.52	ug/l	98
31) Cyclohexane	7.795	56	4986	1.37	ug/l #	18
36) 1,1-Dichloropropene	7.801	75	16604	4.99	ug/l #	49
37) Ethyl Acetate	7.002	43	8958	4.59	ug/l #	70
38) Carbon Tetrachloride	7.801	117	20712	7.16	ug/l #	15
49) 1,4-Dioxane	9.313	88	301	Below Cal	#	31
76) 1,2,3-Trichloropropane	12.483	75	80150	61.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80150	113.12	ug/l #	10
90) Hexachloroethane	13.964	117	170	7.46	ug/l #	12

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

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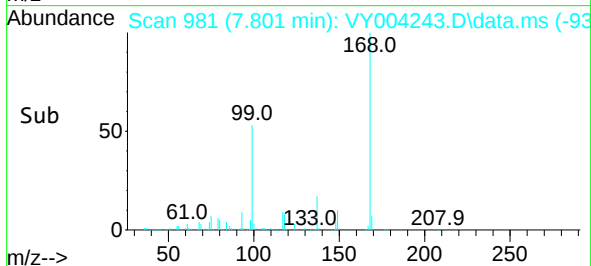
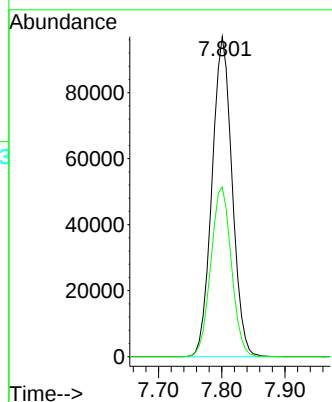
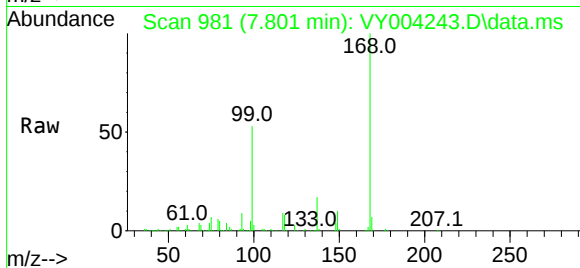




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

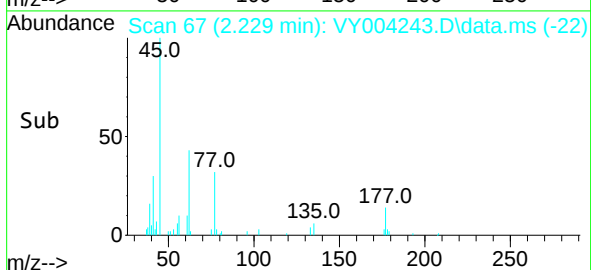
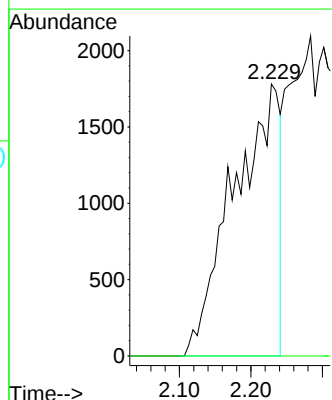
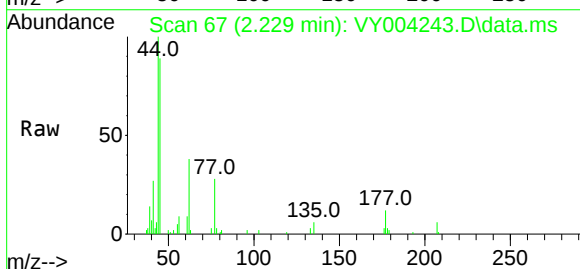
Instrument :
MSVOA_Y
ClientSampleId :
20210155-CP-COMPOSITE

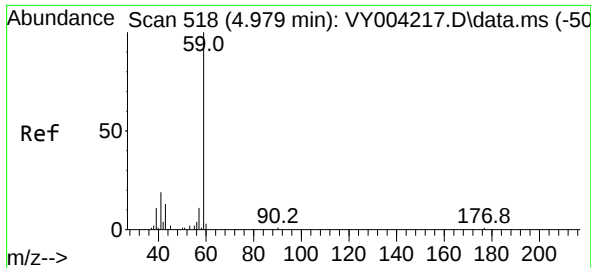
Tgt Ion:168 Resp: 213906
Ion Ratio Lower Upper
168 100
99 53.0 42.6 64.0



#4
Vinyl Chloride
Concen: 2.84 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.025 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Tgt Ion: 62 Resp: 7922
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

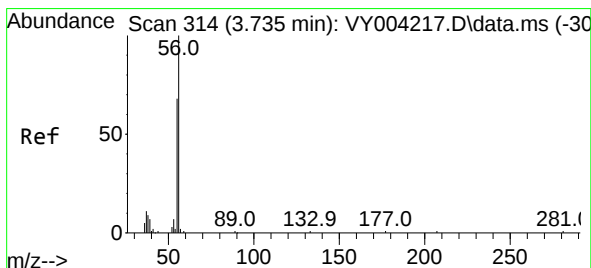
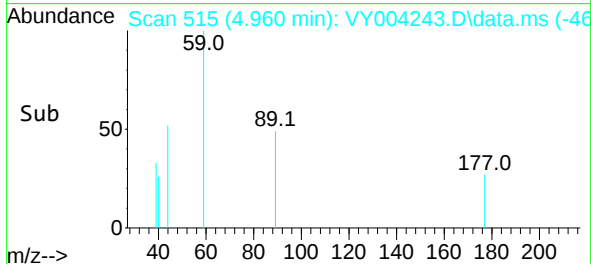
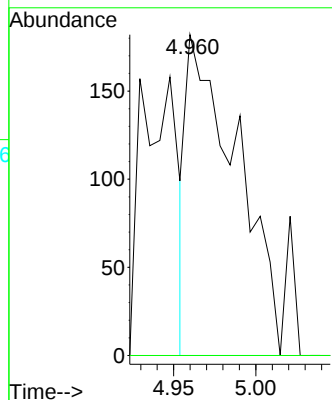
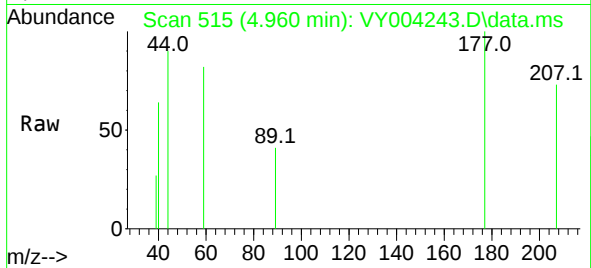




#11
Tert butyl alcohol
Concen: 2.31 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.019 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

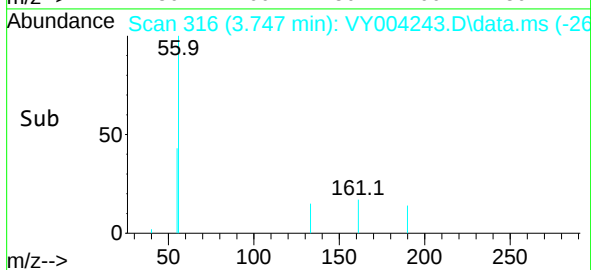
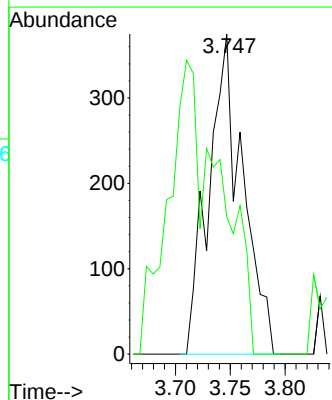
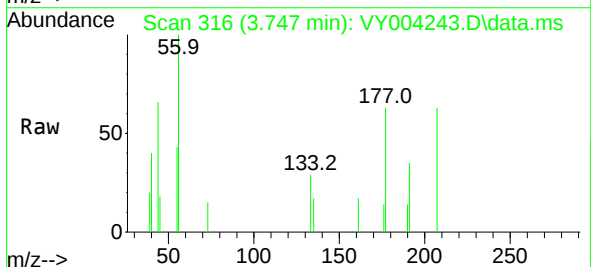
Instrument :
MSVOA_Y
ClientSampleId :
20210155-CP-COMPOSITE

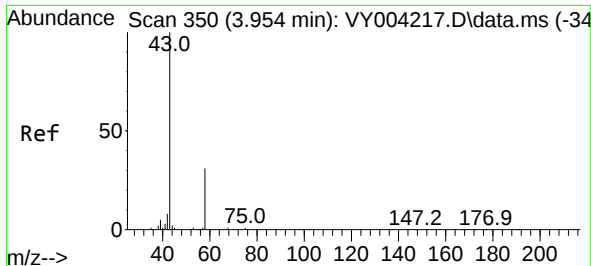
Tgt Ion: 59 Resp: 387
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

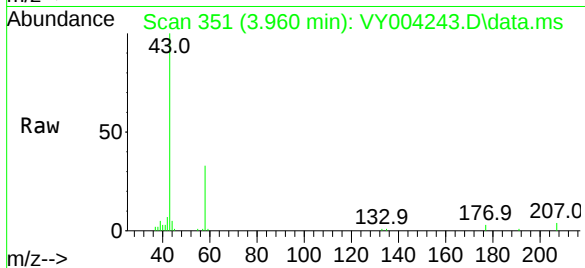
Tgt Ion: 56 Resp: 804
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#



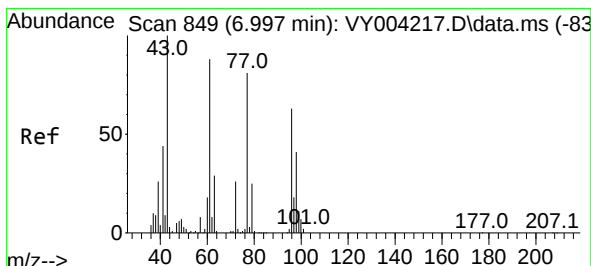
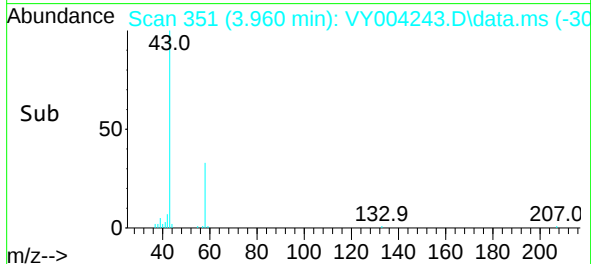
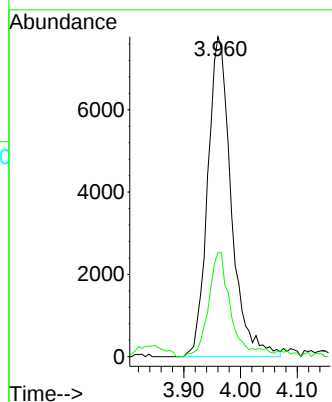


#16
Acetone
Concen: 52.45 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :
20210155-CP-COMPOSITE

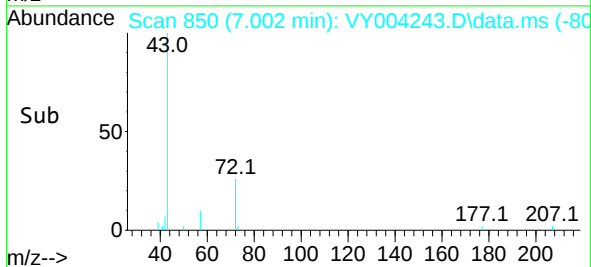
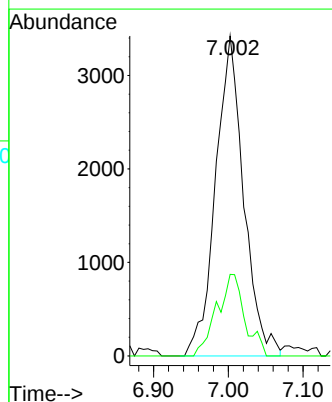
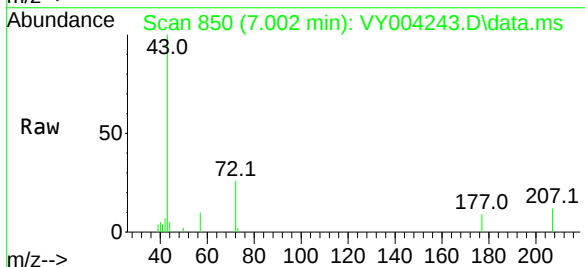


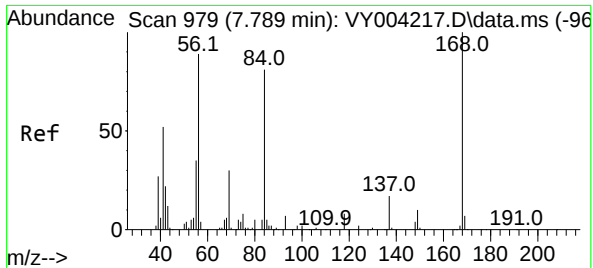
Tgt Ion: 43 Resp: 22469
Ion Ratio Lower Upper
43 100
58 32.6 24.5 36.7



#25
2-Butanone
Concen: 12.52 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Tgt Ion: 43 Resp: 8958
Ion Ratio Lower Upper
43 100
72 25.5 21.0 31.6

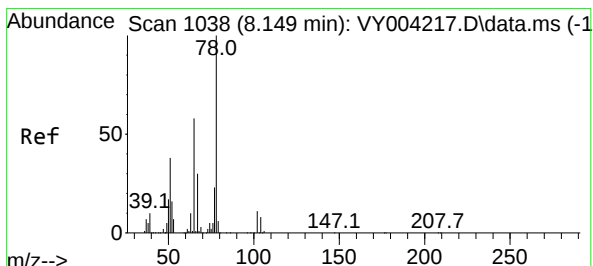
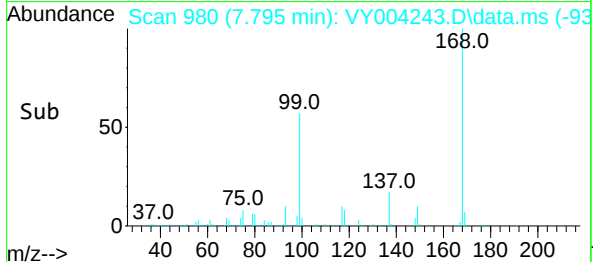
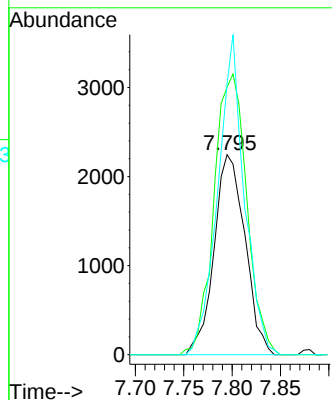
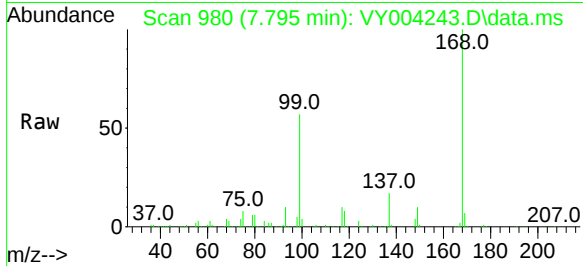




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

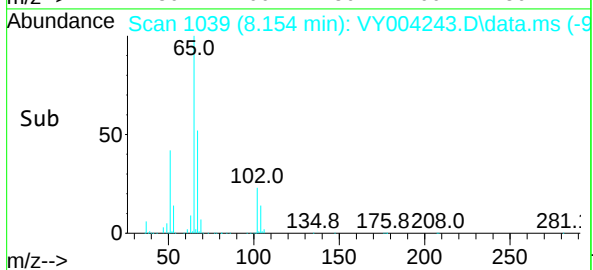
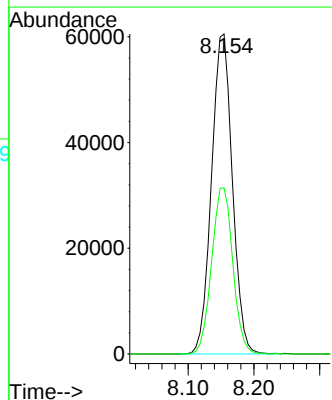
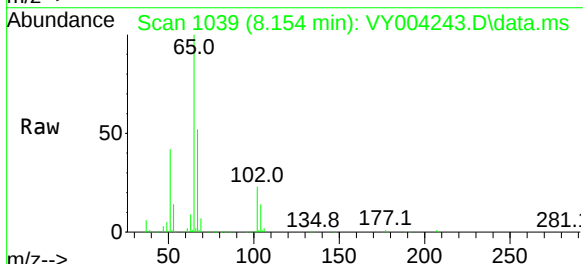
Instrument :
MSVOA_Y
ClientSampleId :
20210155-CP-COMPOSITE

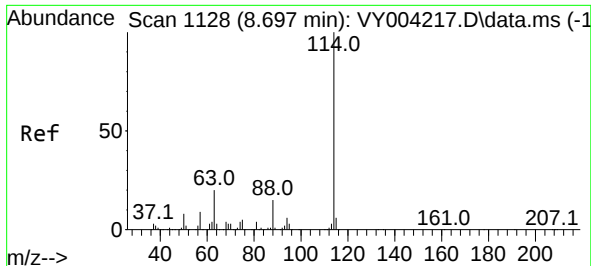
Tgt Ion: 56 Resp: 4986
Ion Ratio Lower Upper
56 100
69 133.7 26.6 40.0#
84 135.4 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 65.01 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Tgt Ion: 65 Resp: 133683
Ion Ratio Lower Upper
65 100
67 52.6 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: VY004243.D

Acq: 01 Apr 2021 14:07

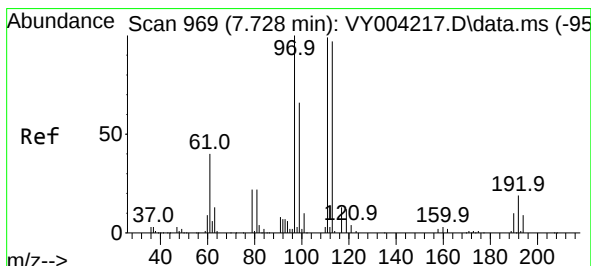
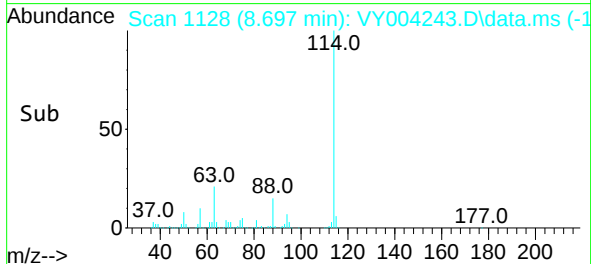
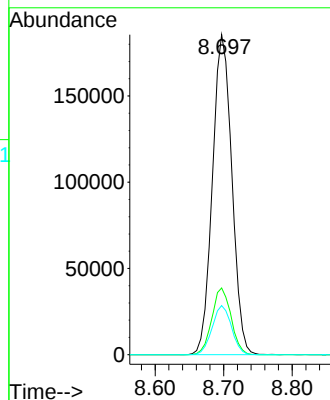
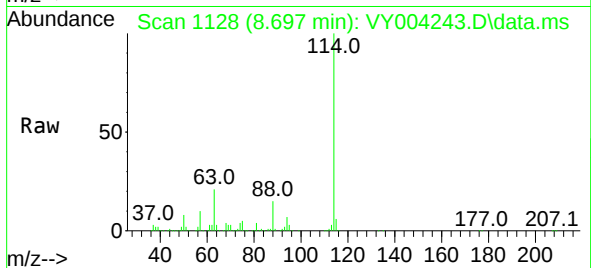
Tgt Ion:	114	Resp:	364452
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.4
88	15.3	0.0	30.8

Instrument :

MSVOA_Y

ClientSampleId :

20210155-CP-COMPOSITE



#35

Dibromofluoromethane

Concen: 55.89 ug/l

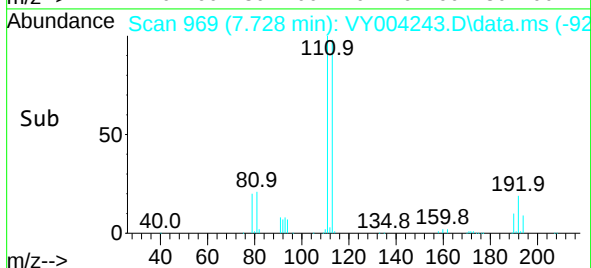
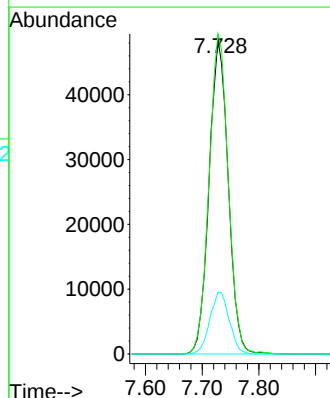
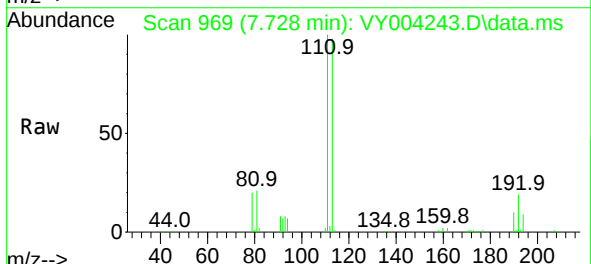
RT: 7.728 min Scan# 969

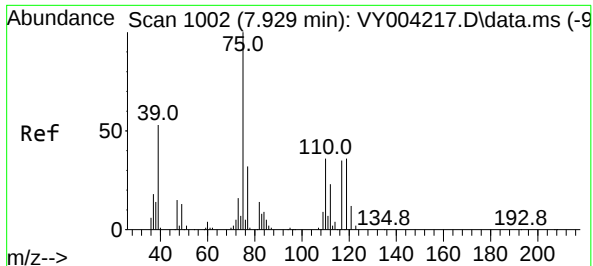
Delta R.T. -0.000 min

Lab File: VY004243.D

Acq: 01 Apr 2021 14:07

Tgt Ion:	113	Resp:	113499
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.6	124.0
192	19.9	16.4	24.6





#36

1,1-Dichloropropene

Concen: 4.99 ug/l

RT: 7.801 min Scan# 981

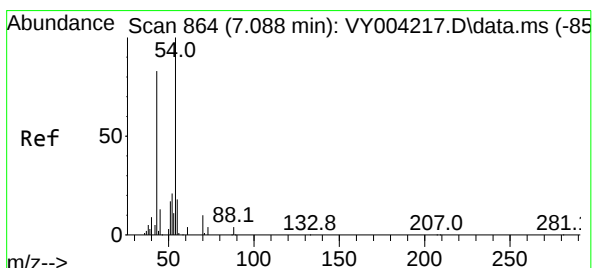
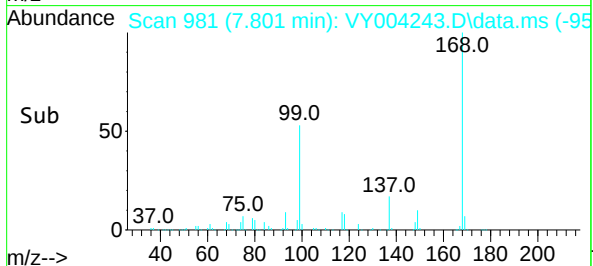
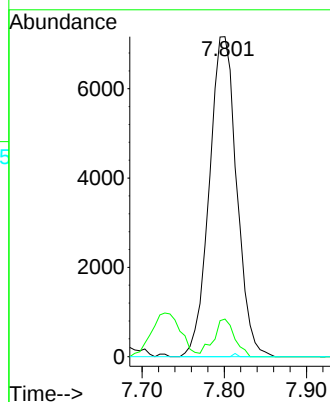
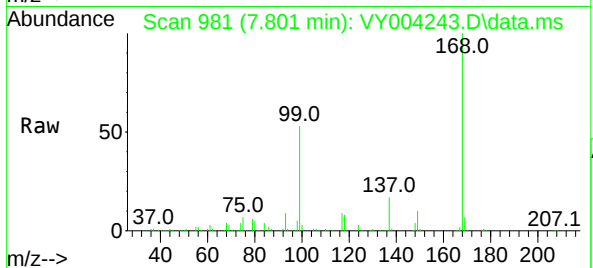
Delta R.T. -0.128 min

Lab File: VY004243.D

Acq: 01 Apr 2021 14:07

Tgt Ion: 75	Resp: 16604
Ion Ratio	Lower Upper
75 100	
110 8.9	18.1 54.3#
77 0.2	25.1 37.7#

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#37

Ethyl Acetate

Concen: 4.59 ug/l

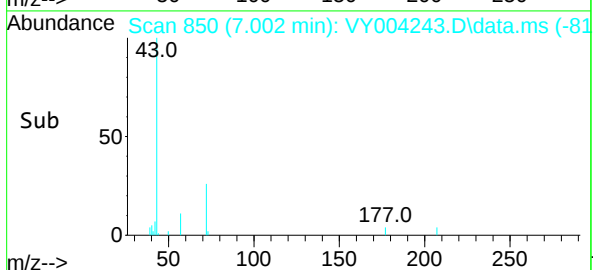
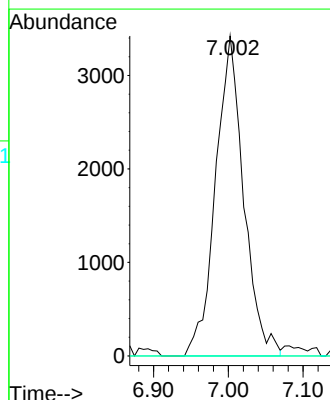
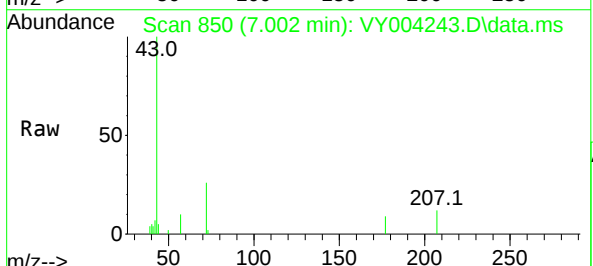
RT: 7.002 min Scan# 850

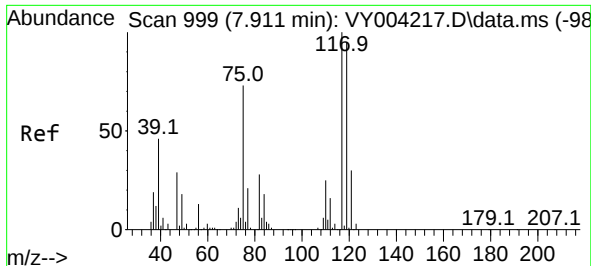
Delta R.T. -0.086 min

Lab File: VY004243.D

Acq: 01 Apr 2021 14:07

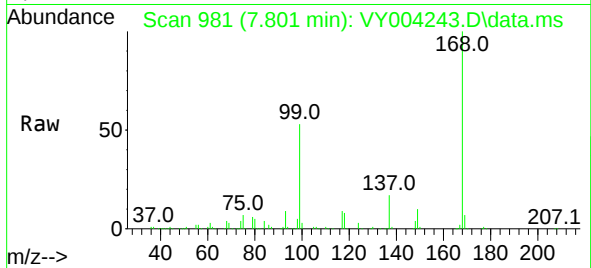
Tgt Ion: 43	Resp: 8958
Ion Ratio	Lower Upper
43 100	
61 0.0	10.2 15.2#
70 0.0	8.0 12.0#



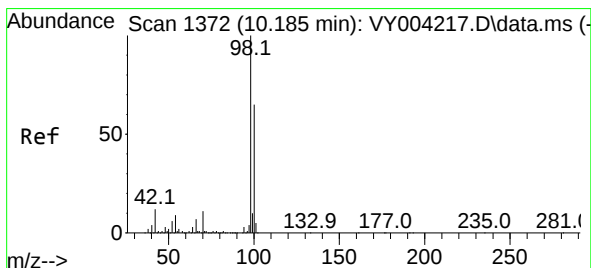
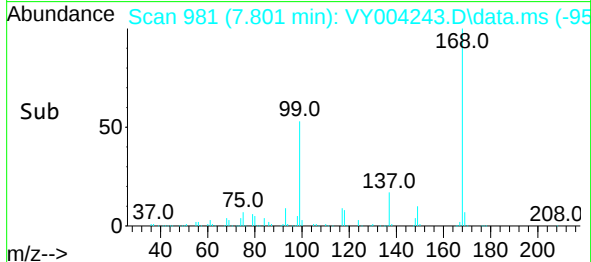
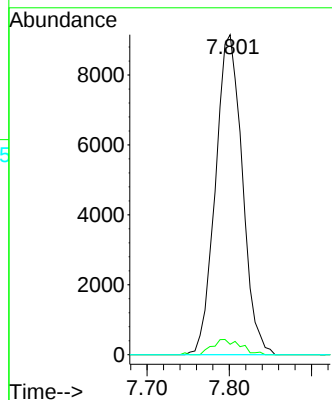


#38
Carbon Tetrachloride
Concen: 7.16 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Instrument :
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ClientSampleId :
20210155-CP-COMPOSITE

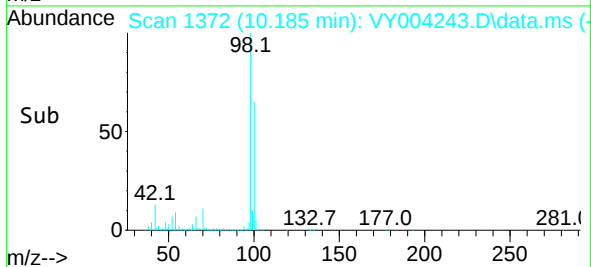
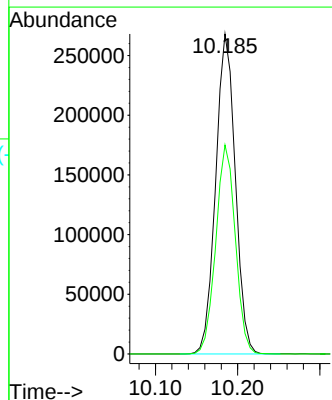
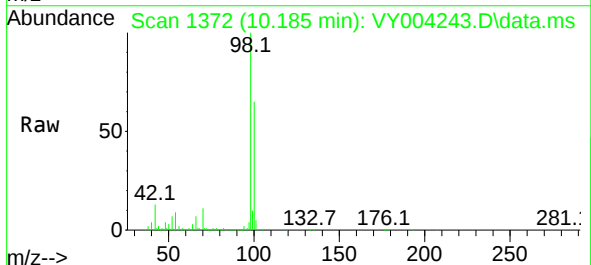


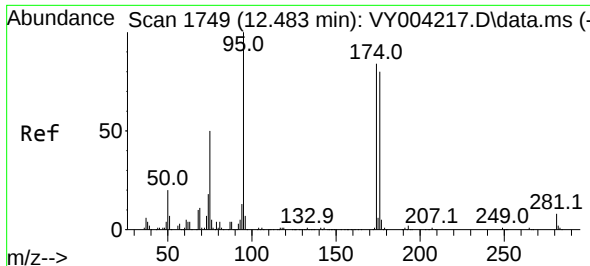
Tgt Ion:117 Resp: 20712
Ion Ratio Lower Upper
117 100
119 3.2 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.27 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Tgt Ion: 98 Resp: 445018
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

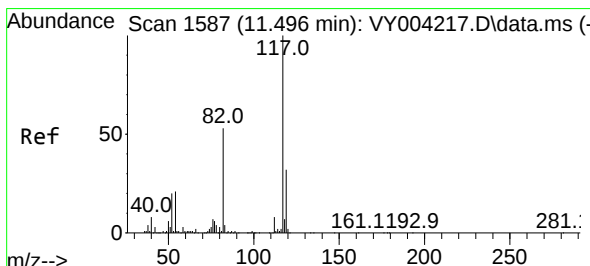
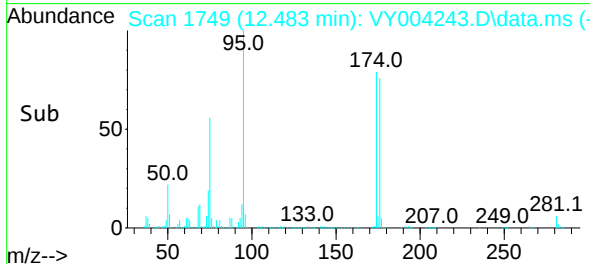
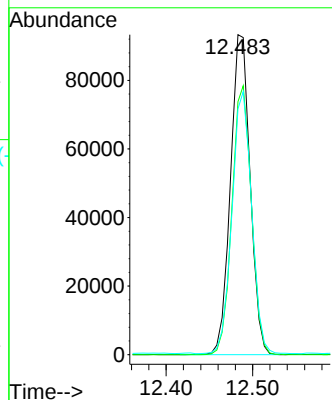
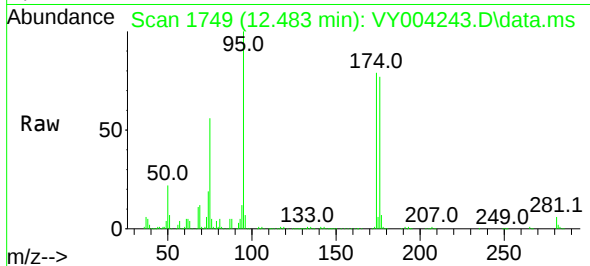




#62
4-Bromofluorobenzene
Concen: 56.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

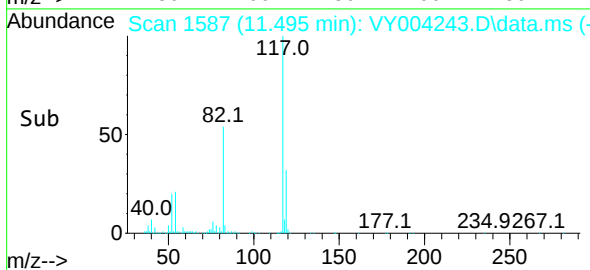
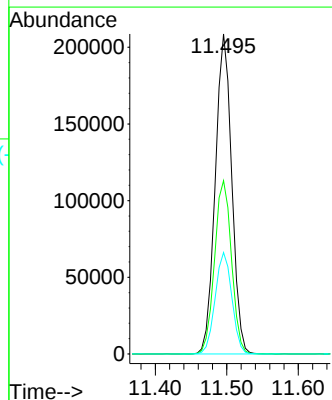
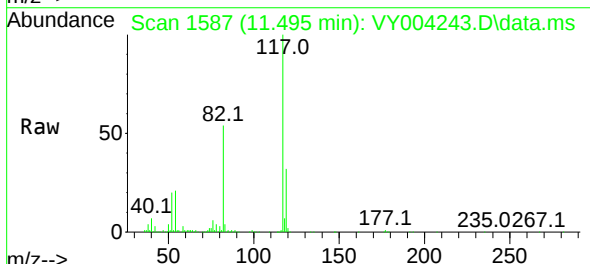
Instrument :
MSVOA_Y
ClientSampleId :
20210155-CP-COMPOSITE

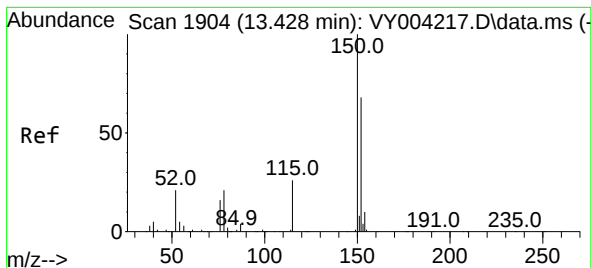
Tgt Ion: 95 Resp: 147065
Ion Ratio Lower Upper
95 100
174 82.8 0.0 171.4
176 81.8 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Tgt Ion: 117 Resp: 333599
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 31.7 25.7 38.5

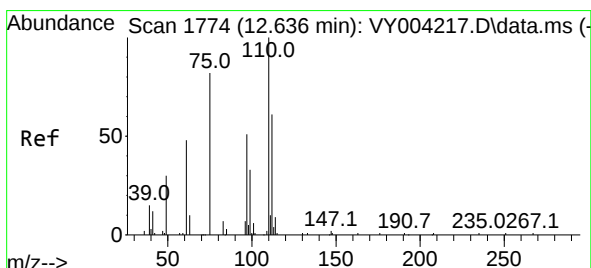
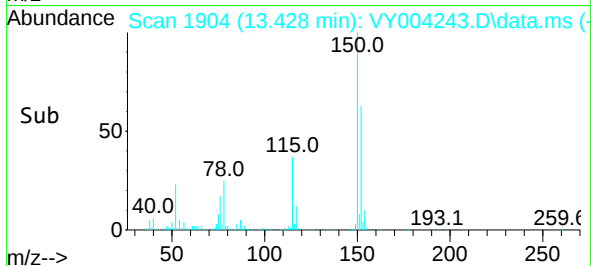
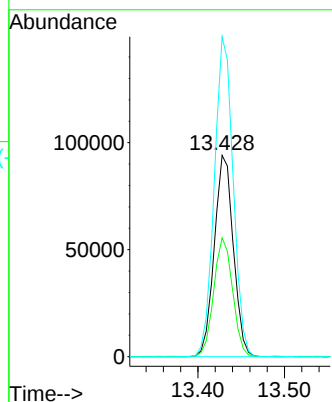
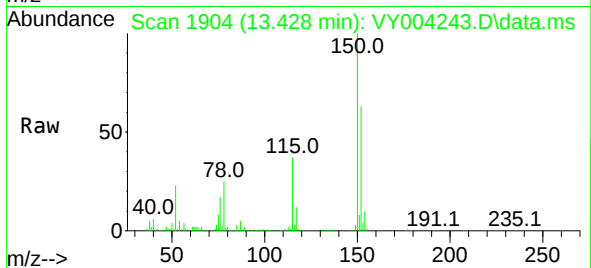




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004243.D
 Acq: 01 Apr 2021 14:07

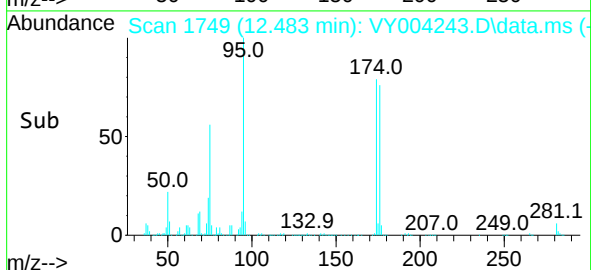
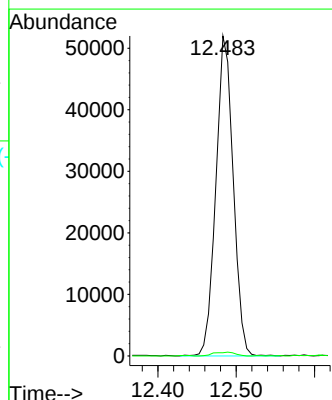
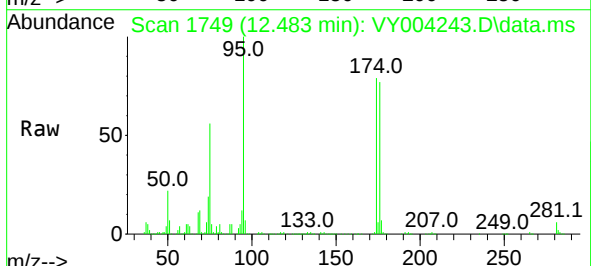
Instrument :
 MSVOA_Y
 ClientSampleId :
 20210155-CP-COMPOSITE

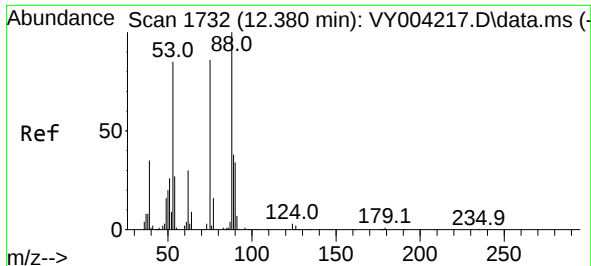
Tgt Ion:152 Resp: 143807
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.0 87.1
 150 157.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 61.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004243.D
 Acq: 01 Apr 2021 14:07

Tgt Ion: 75 Resp: 80150
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

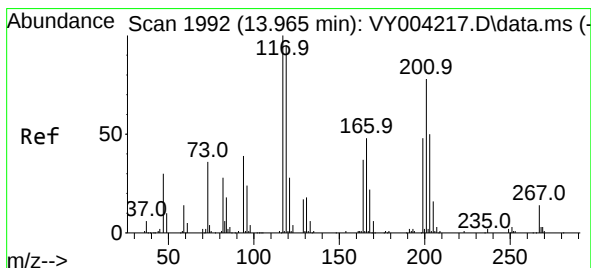
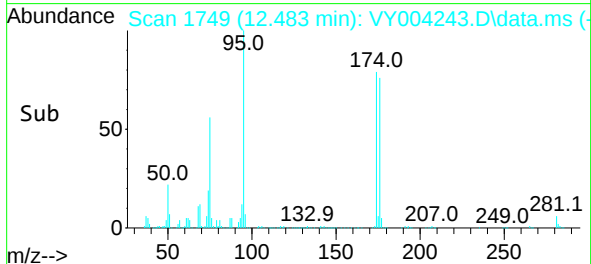
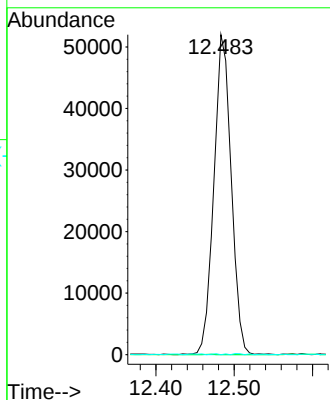
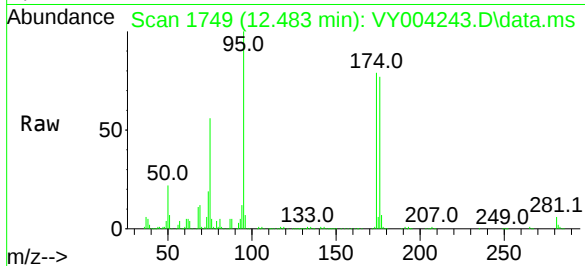




#81
trans-1,4-Dichloro-2-butene
Concen: 113.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :
20210155-CP-COMPOSITE

Tgt Ion: 75 Resp: 80150
Ion Ratio Lower Upper
75 100
53 0.1 79.3 118.9#
89 0.1 39.4 59.2#



#90
Hexachloroethane
Concen: 7.46 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.001 min
Lab File: VY004243.D
Acq: 01 Apr 2021 14:07

Tgt Ion: 117 Resp: 170
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

