

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004256.D
 Acq On : 02 Apr 2021 12:42
 Operator : SY/MD
 Sample : M1897-01
 Misc : 5.53g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 02 22:58:54 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)

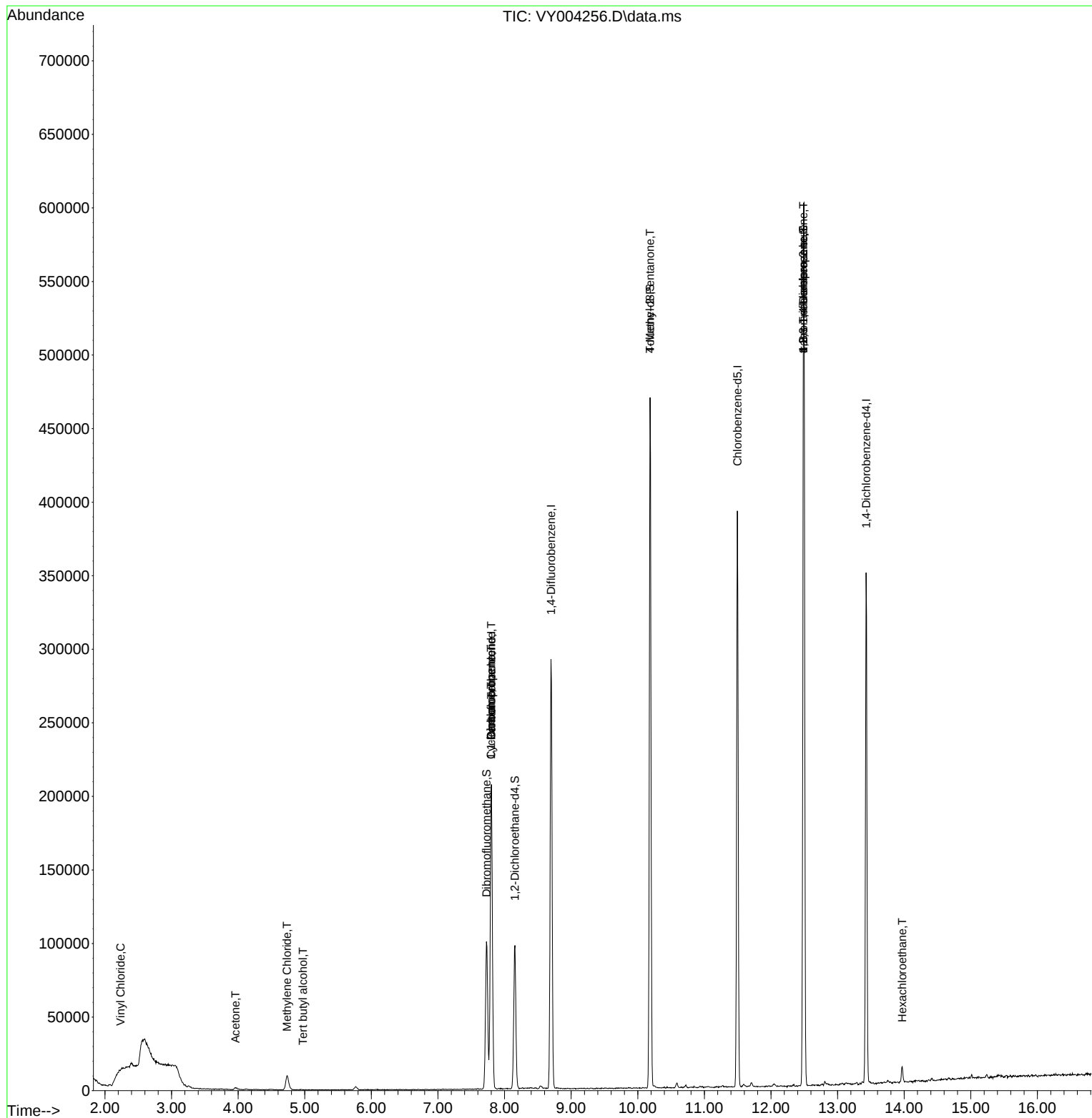
Internal Standards						
1) Pentafluorobenzene	7.801	168	159833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	245917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	74942	48.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.54%			
35) Dibromofluoromethane	7.728	113	70187	51.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.44%			
50) Toluene-d8	10.185	98	293860	57.02	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.04%			
62) 4-Bromofluorobenzene	12.483	95	86978	49.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.48%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	7745	3.72	ug/l #	42
11) Tert butyl alcohol	4.972	59	323	2.58	ug/l #	71
13) Acrolein	3.759	56	272	Below Cal	#	15
16) Acetone	3.960	43	2636	8.23	ug/l #	85
20) Methylene Chloride	4.735	84	6897	1.98	ug/l	96
31) Cyclohexane	7.795	56	3464	1.28	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	12908	5.75	ug/l #	41
38) Carbon Tetrachloride	7.801	117	15652	8.02	ug/l #	16
49) 1,4-Dioxane	9.301	88	150	Below Cal	#	25
51) 4-Methyl-2-Pentanone	10.185	43	1734	1.36	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	50059	64.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50059	119.53	ug/l #	11
90) Hexachloroethane	13.971	117	124	7.50	ug/l #	12

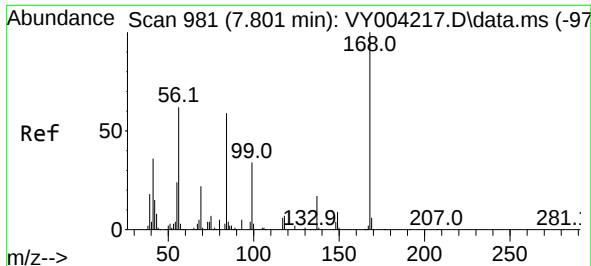
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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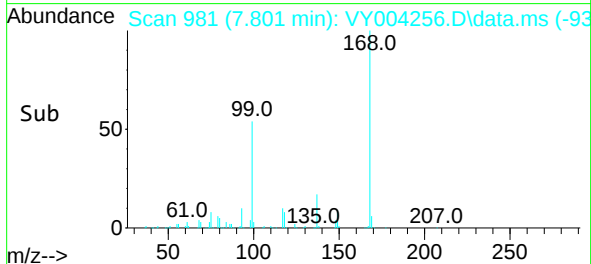
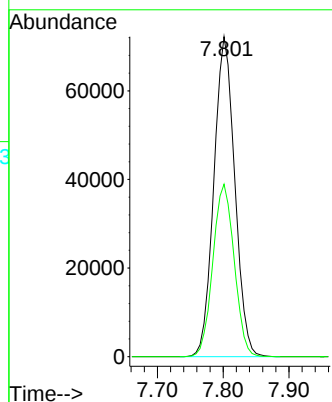
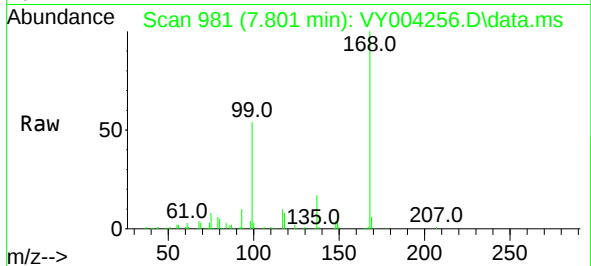




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

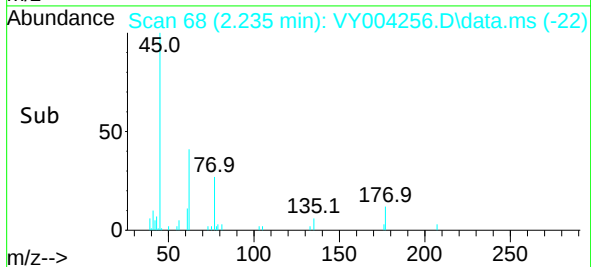
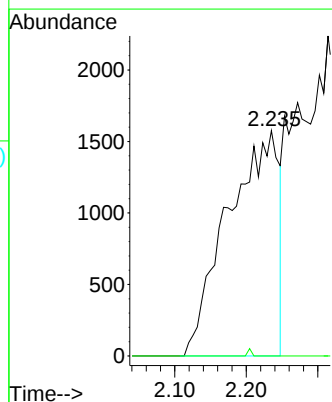
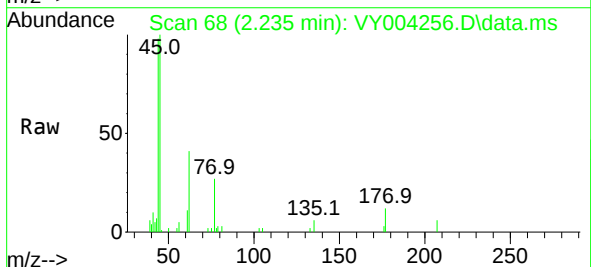
Instrument :
MSVOA_Y
ClientSampled :
TP-1

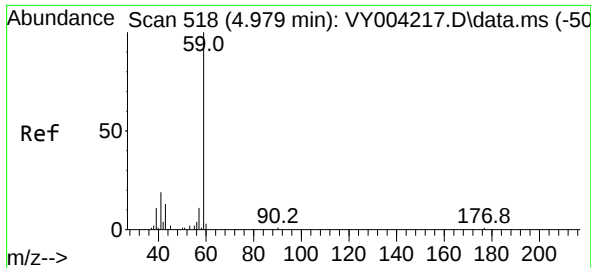
Tgt Ion:168 Resp: 159833
Ion Ratio Lower Upper
168 100
99 53.9 42.6 64.0



#4
Vinyl Chloride
Concen: 3.72 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.018 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

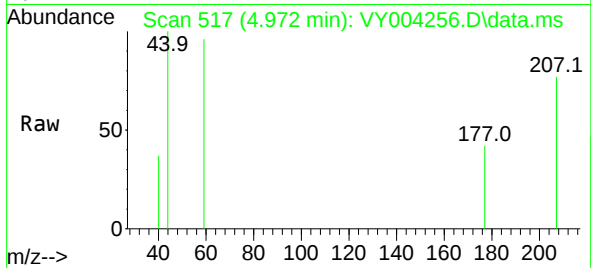
Tgt Ion: 62 Resp: 7745
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



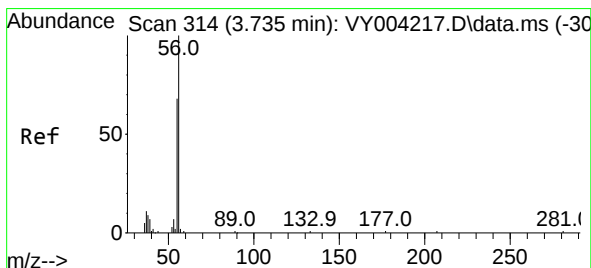
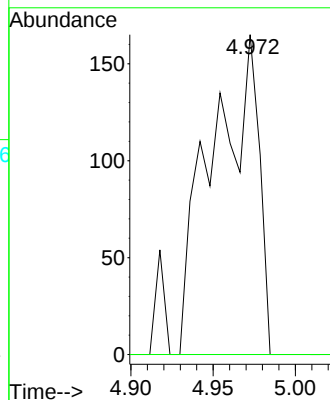
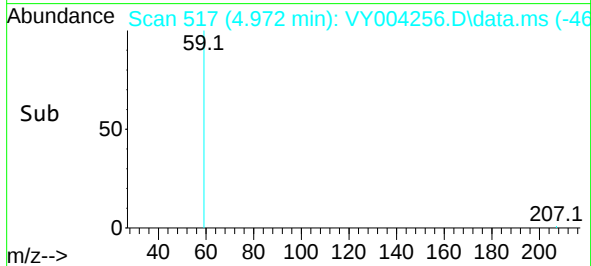


#11
Tert butyl alcohol
Concen: 2.58 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

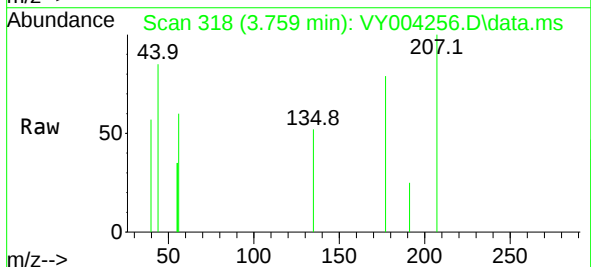
Instrument :
MSVOA_Y
ClientSampled :
TP-1



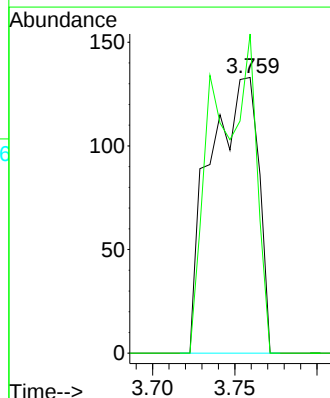
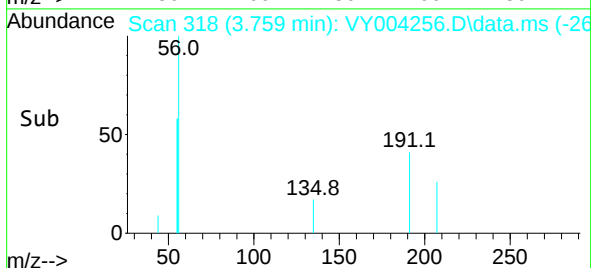
Tgt Ion: 59 Resp: 323
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

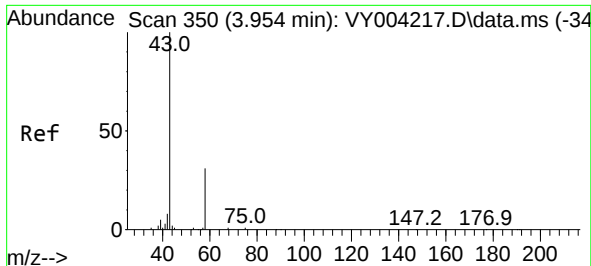


#13
Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.024 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42



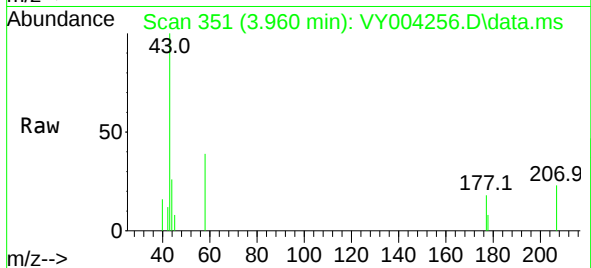
Tgt Ion: 56 Resp: 272
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#



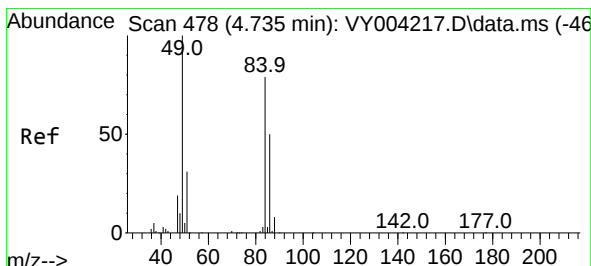
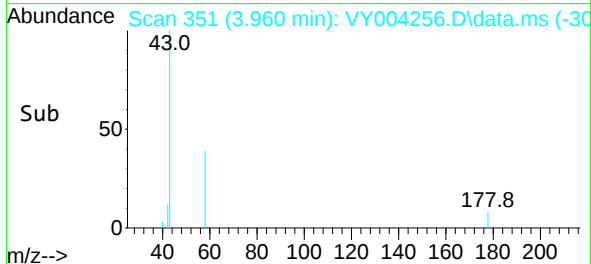
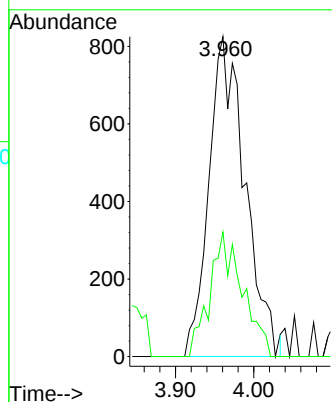


#16
Acetone
Concen: 8.23 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

Instrument :
MSVOA_Y
ClientSampled :
TP-1

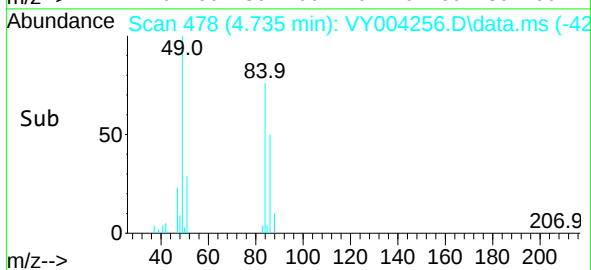
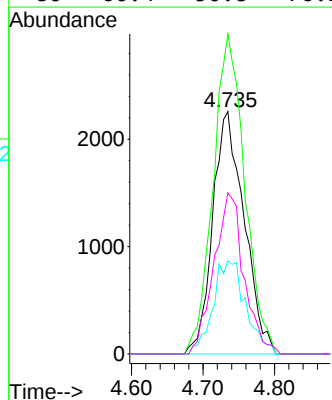
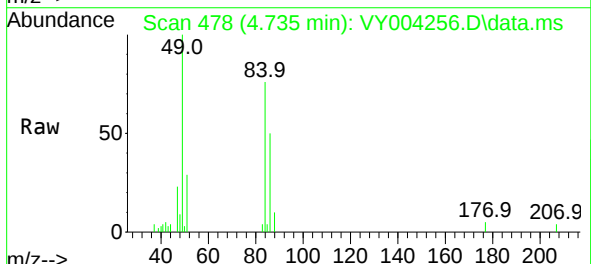


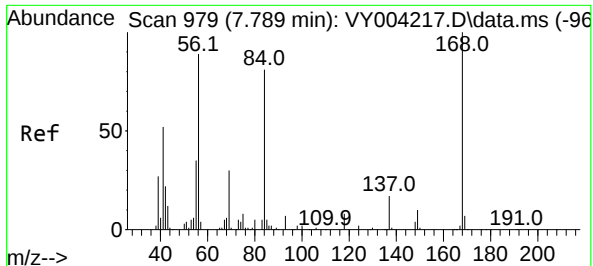
Tgt Ion: 43 Resp: 2636
Ion Ratio Lower Upper
43 100
58 38.9 24.5 36.7#



#20
Methylene Chloride
Concen: 1.98 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

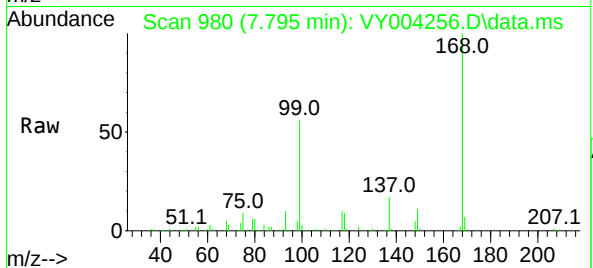
Tgt Ion: 84 Resp: 6897
Ion Ratio Lower Upper
84 100
49 132.0 101.5 152.3
51 38.5 31.5 47.3
86 66.4 50.8 76.2



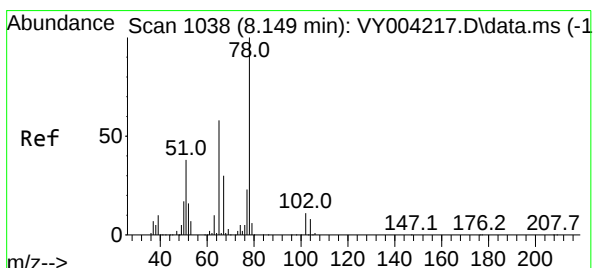
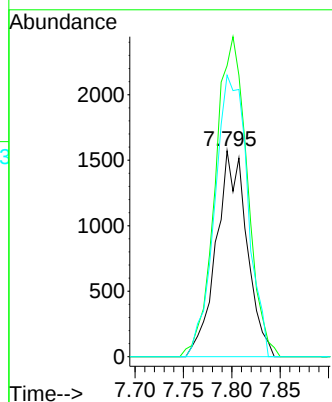
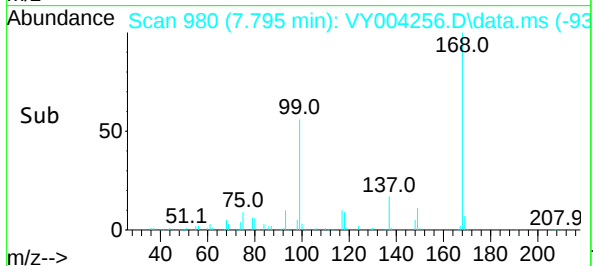


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

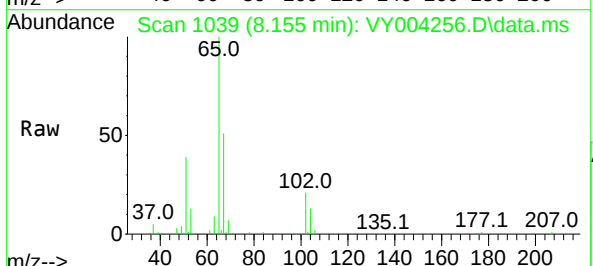
Instrument :
MSVOA_Y
ClientSampled :
TP-1



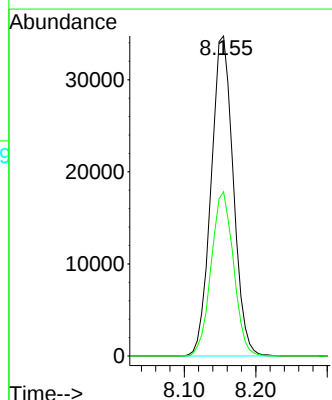
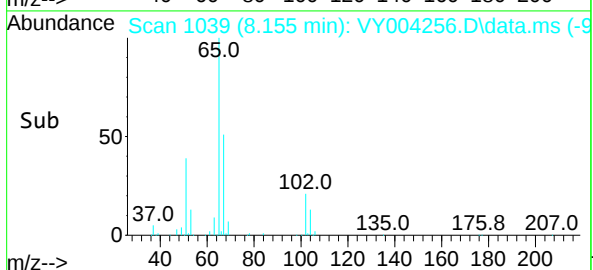
Tgt Ion: 56 Resp: 3464
Ion Ratio Lower Upper
56 100
69 141.3 26.6 40.0#
84 136.7 72.3 108.5#

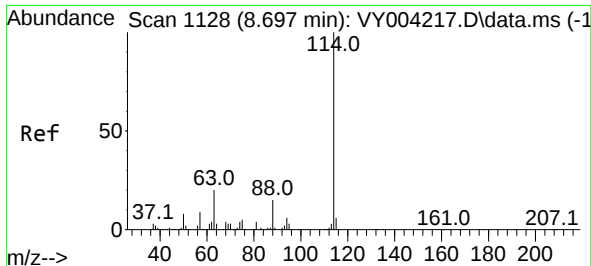


#33
1,2-Dichloroethane-d4
Concen: 48.77 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42



Tgt Ion: 65 Resp: 74942
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.2

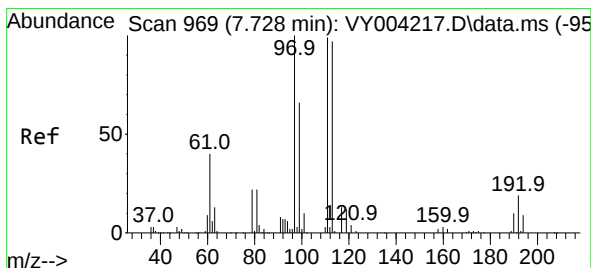
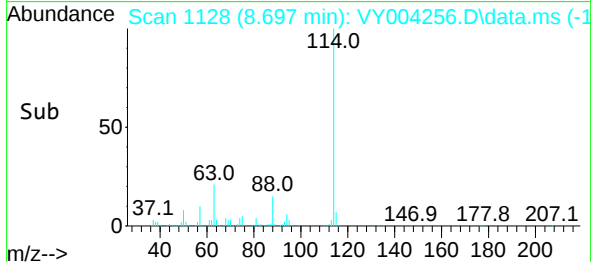
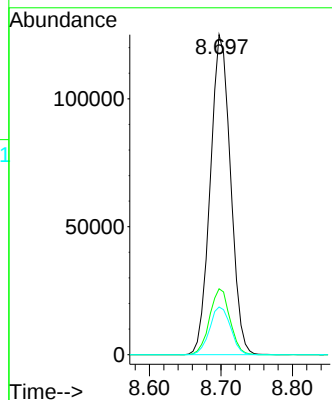
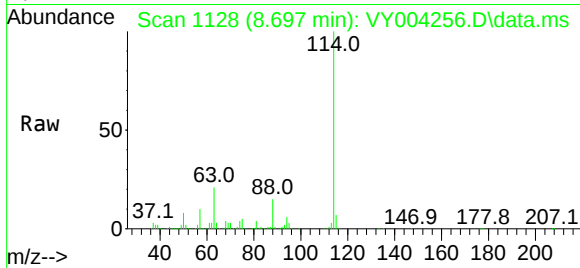




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

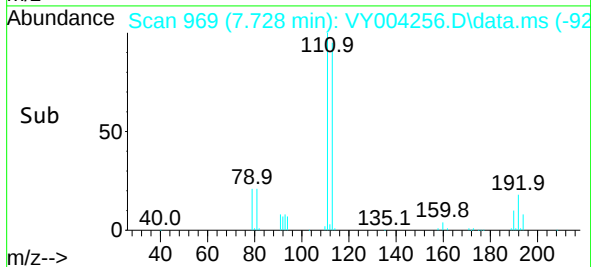
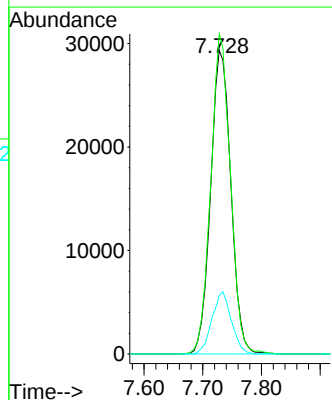
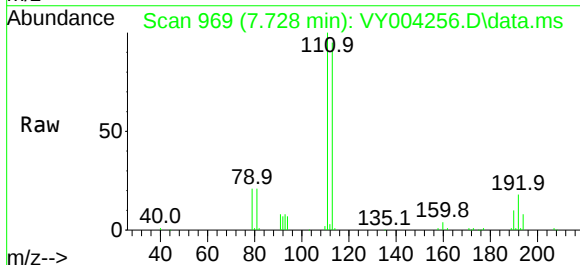
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

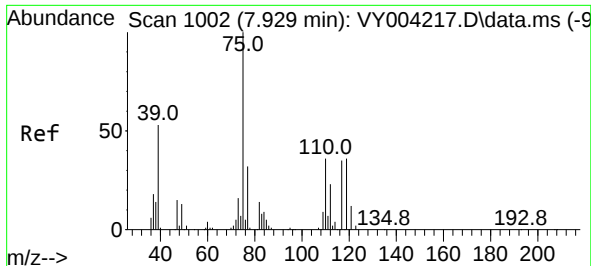
Tgt Ion:	114	Resp:	245917
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.4
88	14.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.22 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

Tgt Ion:	113	Resp:	70187
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	19.6	16.4	24.6





#36

1,1-Dichloropropene

Concen: 5.75 ug/l

RT: 7.795 min Scan# 980

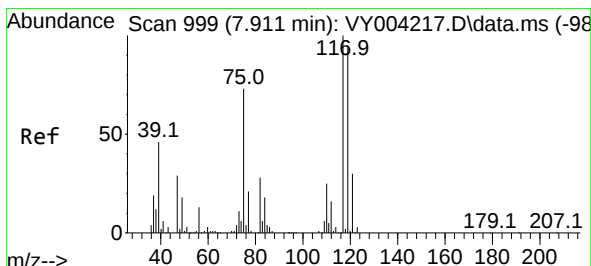
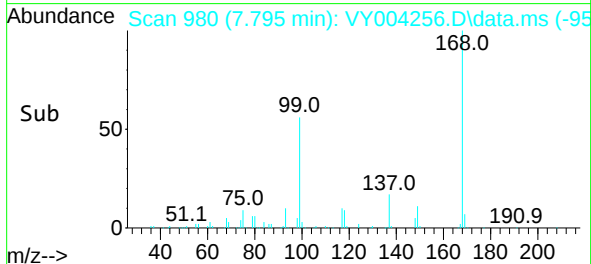
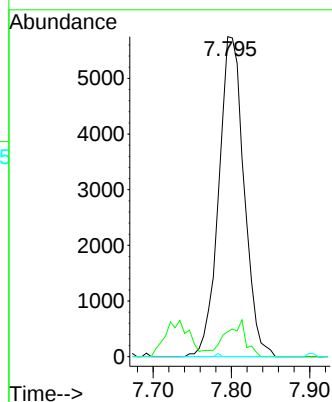
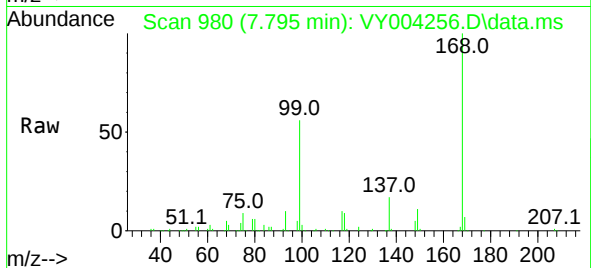
Delta R.T. -0.134 min

Lab File: VY004256.D

Acq: 02 Apr 2021 12:42

Tgt Ion:	75	Resp:	12908
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.3#
77	0.2	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampled :
TP-1



#38

Carbon Tetrachloride

Concen: 8.02 ug/l

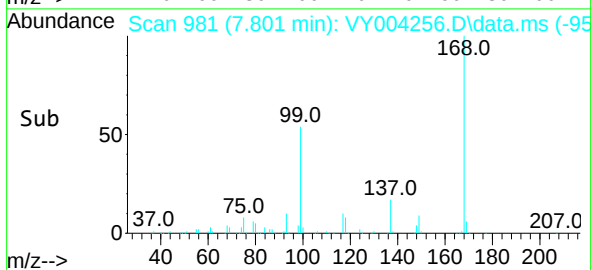
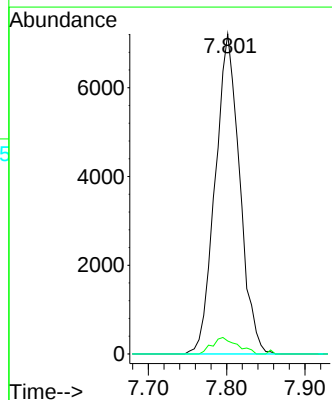
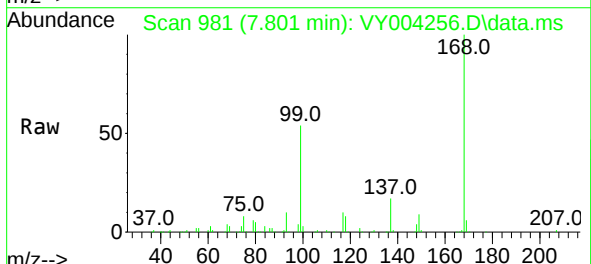
RT: 7.801 min Scan# 981

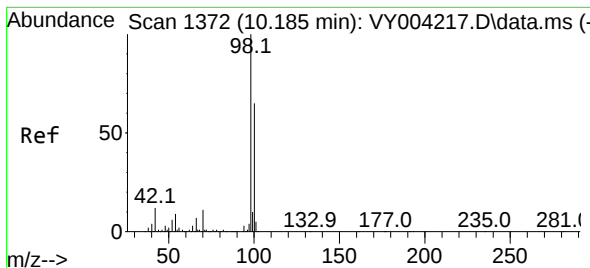
Delta R.T. -0.110 min

Lab File: VY004256.D

Acq: 02 Apr 2021 12:42

Tgt Ion:	117	Resp:	15652
Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.6	113.4#
121	0.0	24.3	36.5#

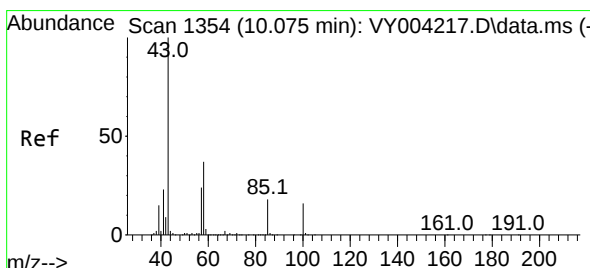
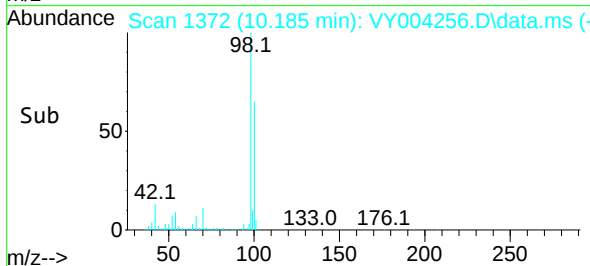
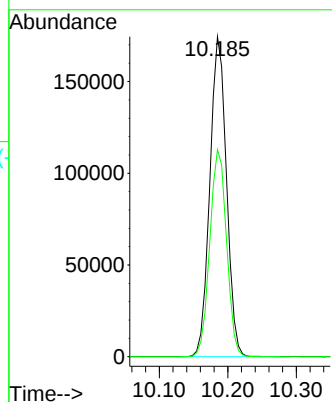
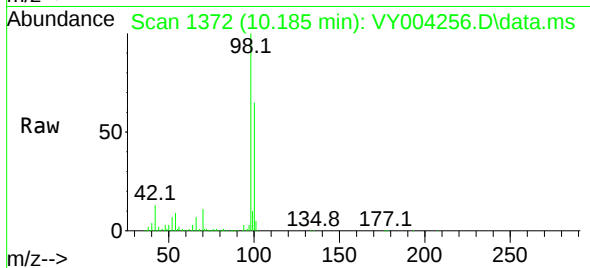




#50
Toluene-d8
Concen: 57.02 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

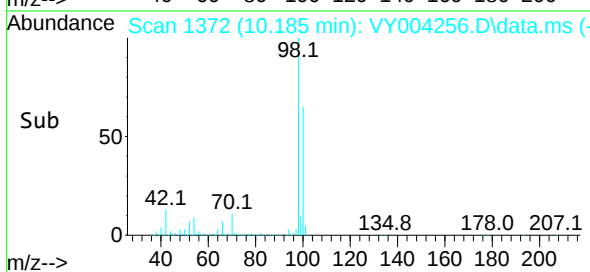
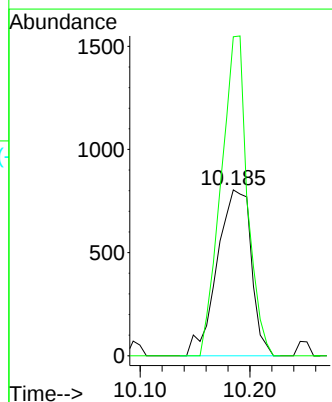
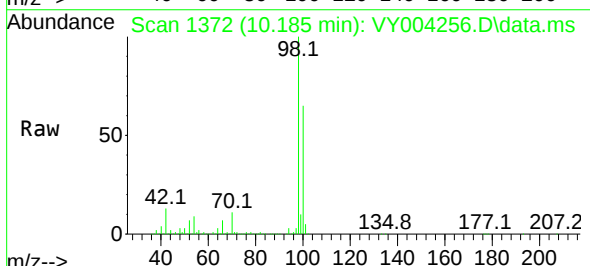
Instrument :
MSVOA_Y
ClientSampled :
TP-1

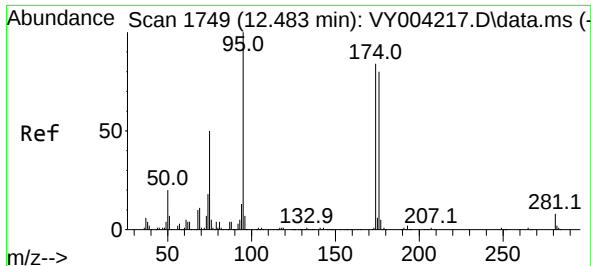
Tgt Ion: 98 Resp: 293860
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 150.5 30.6 45.8#

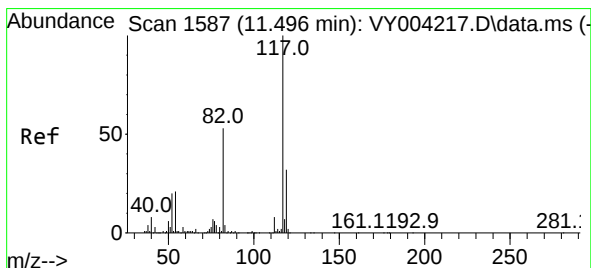
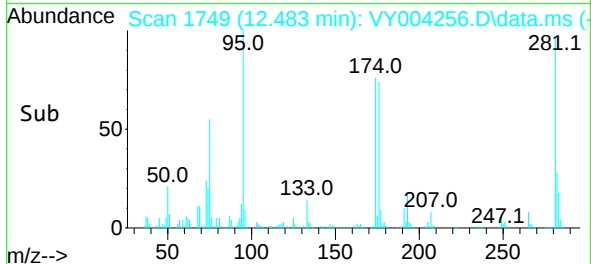
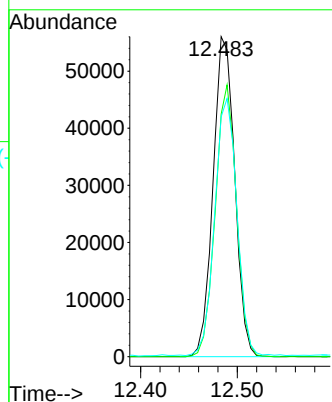
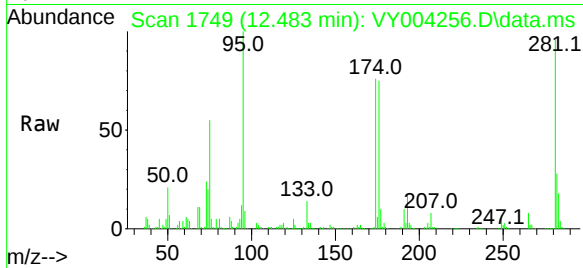




#62
4-Bromofluorobenzene
Concen: 49.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

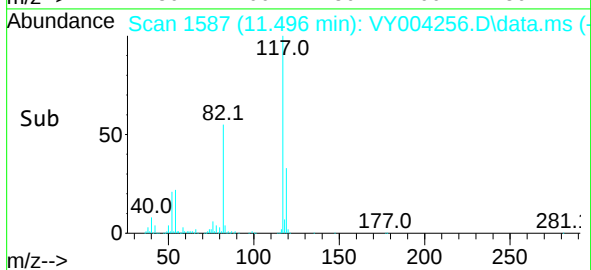
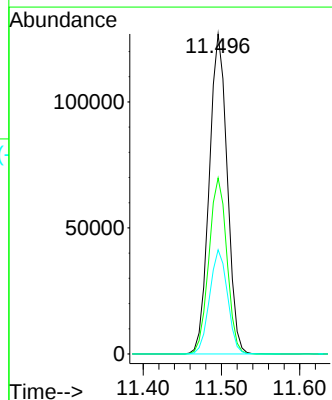
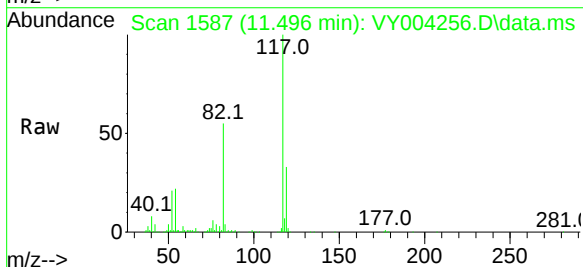
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

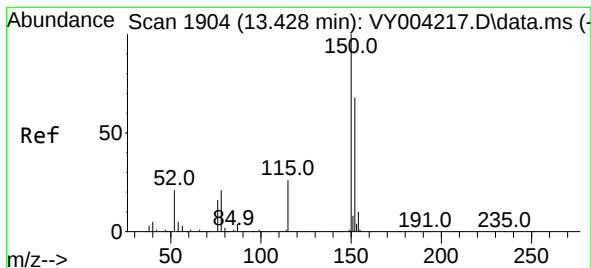
Tgt Ion: 95 Resp: 86978
Ion Ratio Lower Upper
95 100
174 83.1 0.0 171.4
176 82.2 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

Tgt Ion: 117 Resp: 202117
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 32.6 25.7 38.5

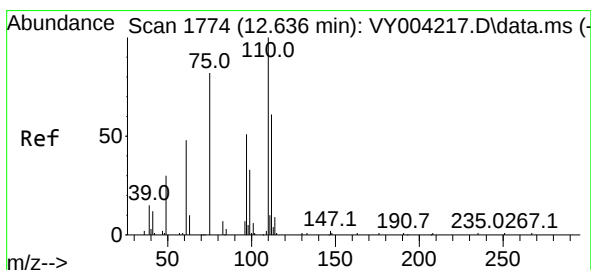
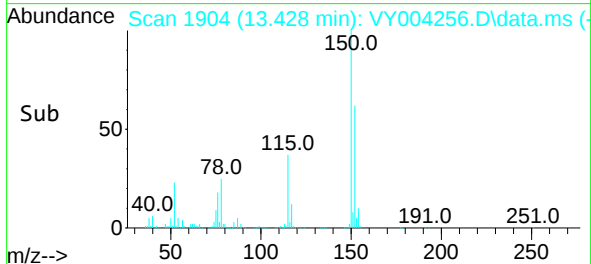
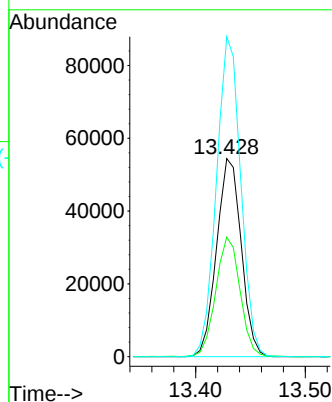
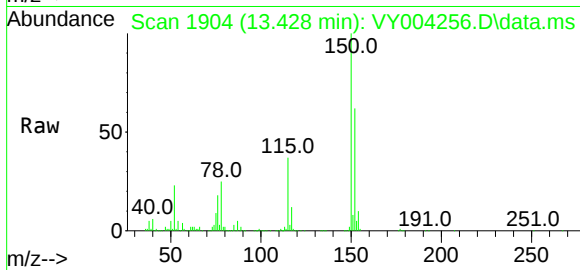




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004256.D
 Acq: 02 Apr 2021 12:42

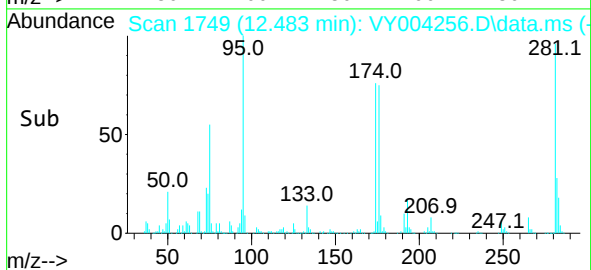
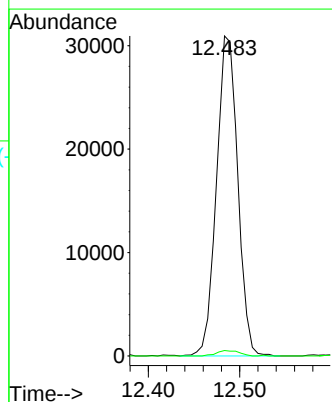
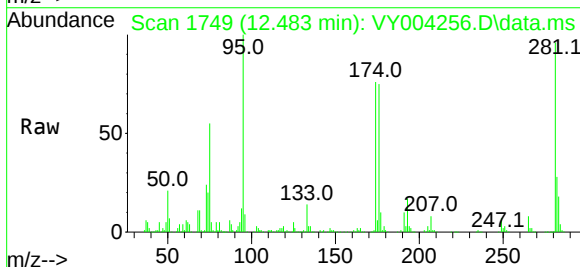
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-1

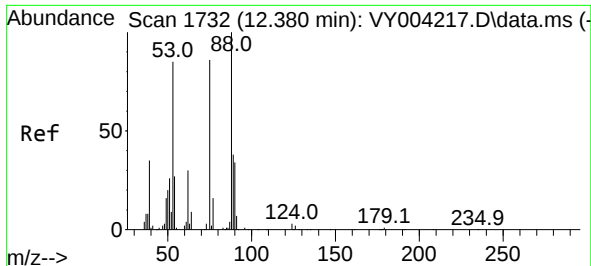
Tgt Ion:152 Resp: 85001
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.0 87.1
 150 159.2 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 64.86 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004256.D
 Acq: 02 Apr 2021 12:42

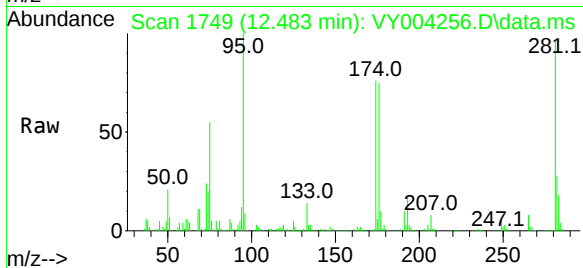
Tgt Ion: 75 Resp: 50059
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



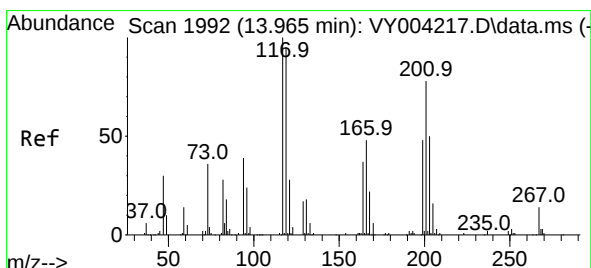
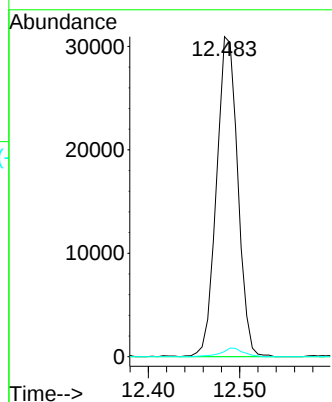
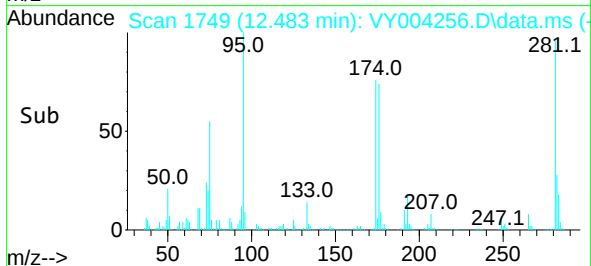


#81
trans-1,4-Dichloro-2-butene
Concen: 119.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42

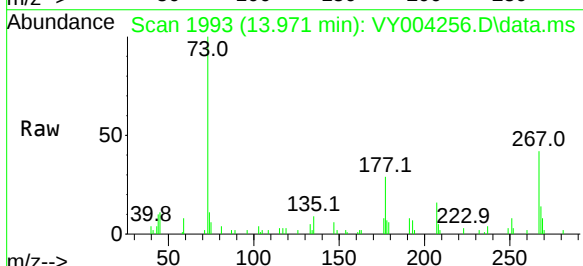
Instrument :
MSVOA_Y
ClientSampleId :
TP-1



Tgt Ion: 75 Resp: 50059
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 2.8 39.4 59.2#



#90
Hexachloroethane
Concen: 7.50 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004256.D
Acq: 02 Apr 2021 12:42



Tgt Ion: 117 Resp: 124
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

