

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004346.D
 Acq On : 08 Apr 2021 19:25
 Operator : SY/MD
 Sample : M1979-11
 Misc : 5.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:19:38 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)

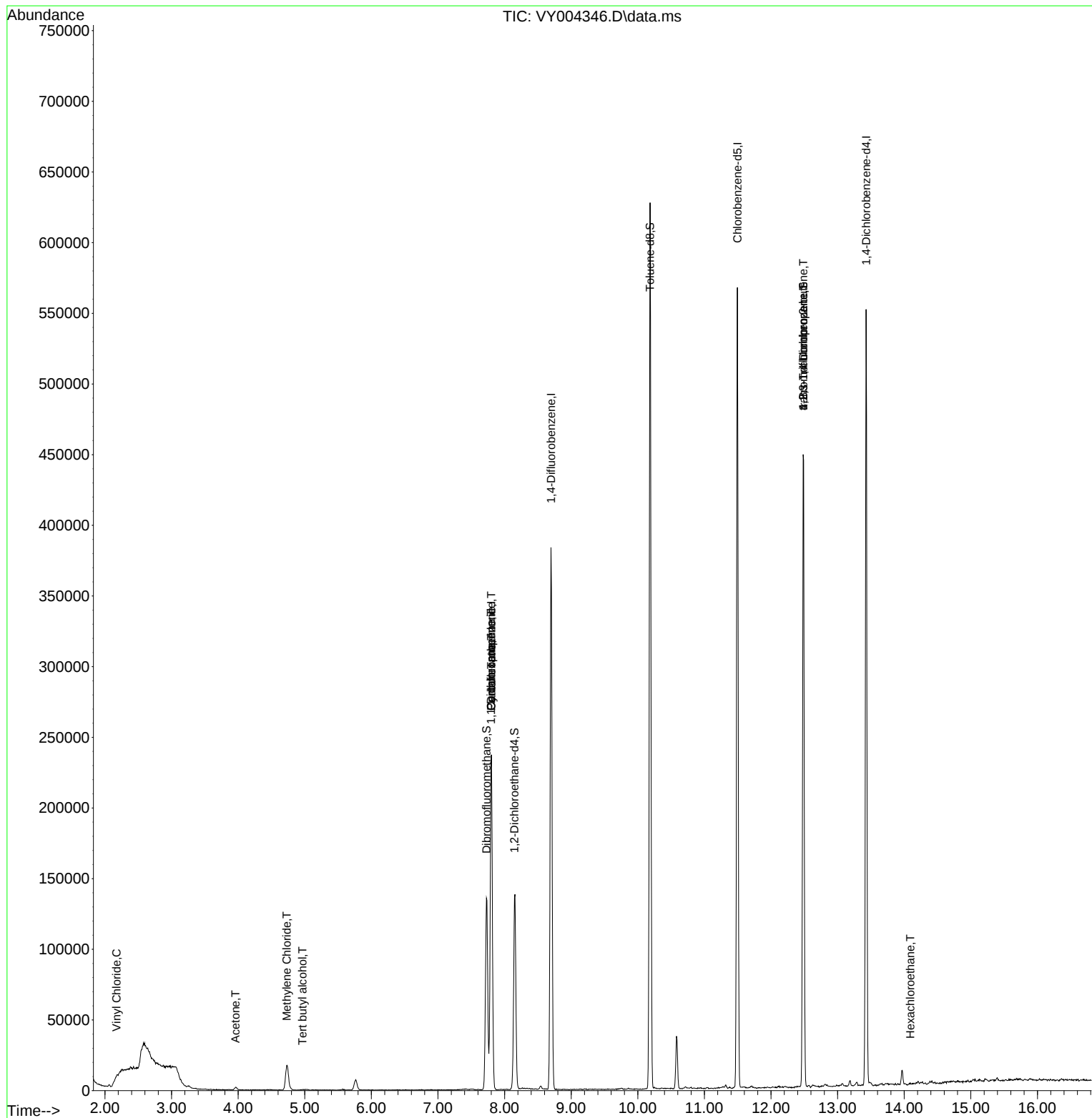
Internal Standards						
1) Pentafluorobenzene	7.801	168	182713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	315380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109728	62.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.94%			
35) Dibromofluoromethane	7.728	113	94984	54.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.10%			
50) Toluene-d8	10.185	98	384107	58.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.24%			
62) 4-Bromofluorobenzene	12.483	95	129485	57.16	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.32%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.174	62	3308	1.39	ug/l #	42
11) Tert butyl alcohol	4.966	59	621	4.34	ug/l #	71
16) Acetone	3.960	43	3068	8.38	ug/l #	87
20) Methylene Chloride	4.728	84	12753	4.83	ug/l	97
31) Cyclohexane	7.801	56	4269	1.38	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	14802	5.14	ug/l #	50
38) Carbon Tetrachloride	7.801	117	18009	7.19	ug/l #	17
49) 1,4-Dioxane	9.301	88	25	Below Cal	#	29
76) 1,2,3-Trichloropropane	12.483	75	70395	58.46	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70395	107.75	ug/l #	10
90) Hexachloroethane	14.093	117	20	7.31	ug/l #	12

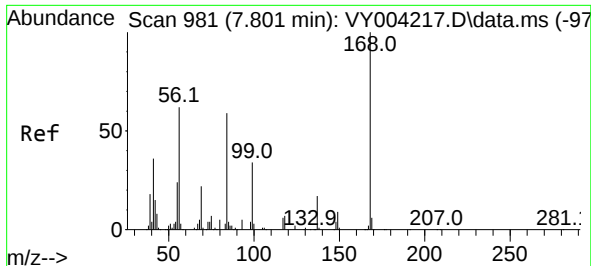
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
Data File : VY004346.D
Acq On : 08 Apr 2021 19:25
Operator : SY/MD
Sample : M1979-11
Misc : 5.56G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 09 03:19:38 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

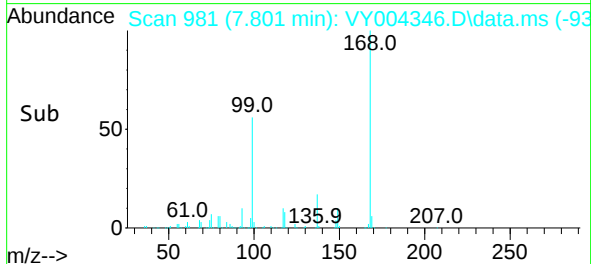
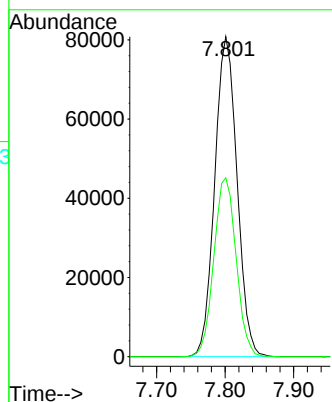
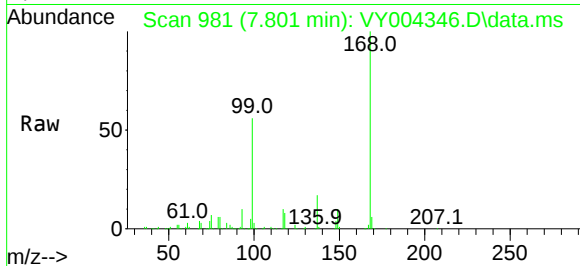




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

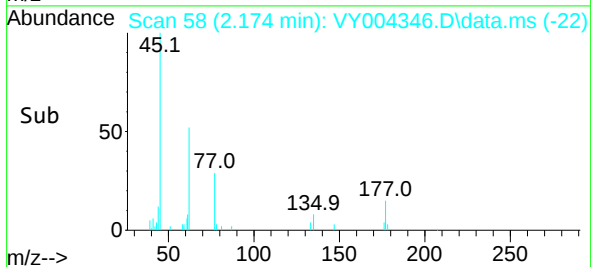
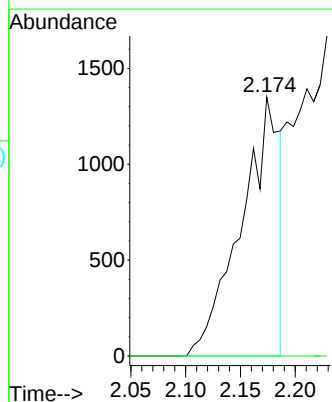
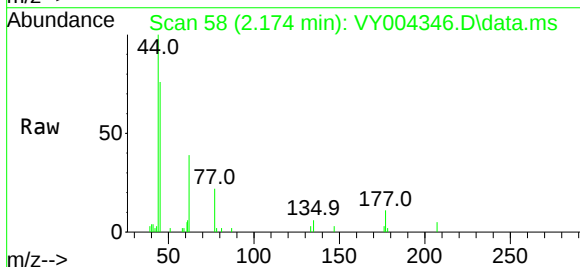
Instrument :
MSVOA_Y
ClientSampled :

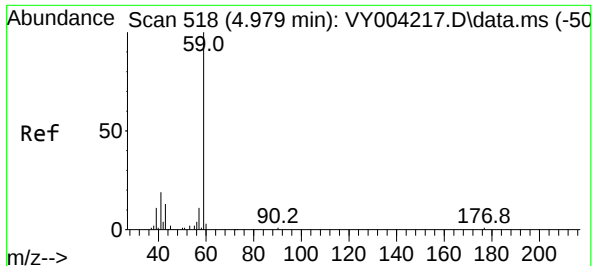
Tgt Ion:168 Resp: 182713
Ion Ratio Lower Upper
168 100
99 55.9 42.6 64.0



#4
Vinyl Chloride
Concen: 1.39 ug/l
RT: 2.174 min Scan# 58
Delta R.T. -0.079 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion: 62 Resp: 3308
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

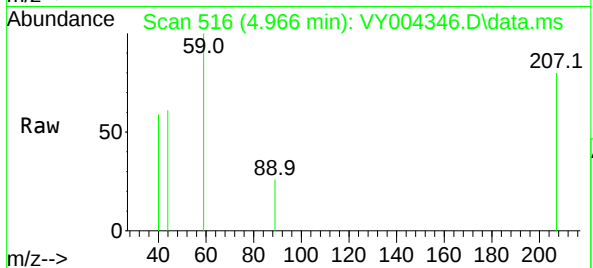




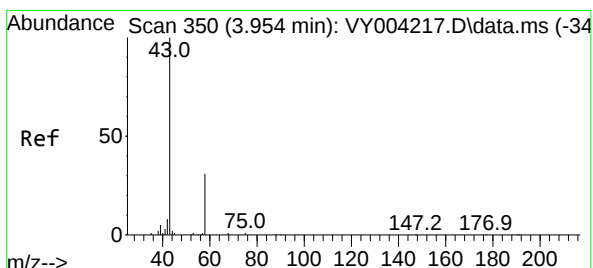
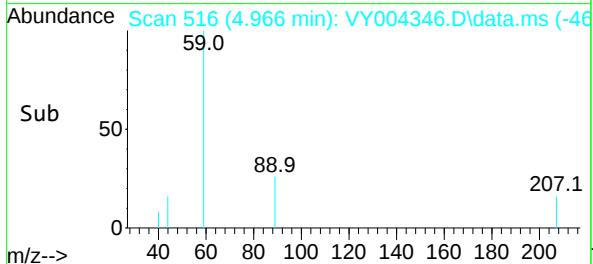
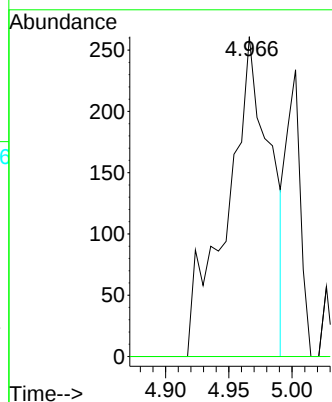
#11

Tert butyl alcohol
Concen: 4.34 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Instrument :
MSVOA_Y
ClientSampled :



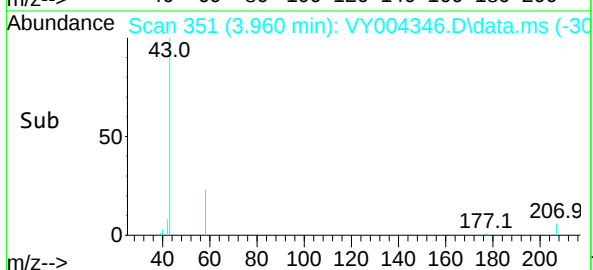
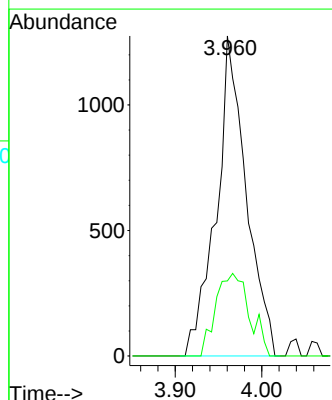
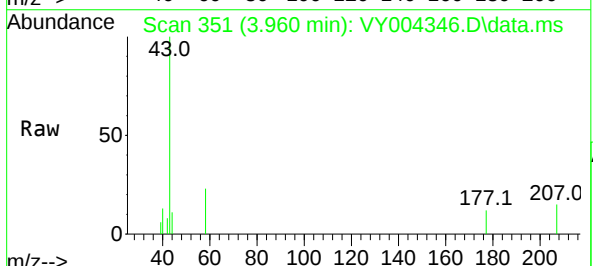
Tgt Ion: 59 Resp: 621
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

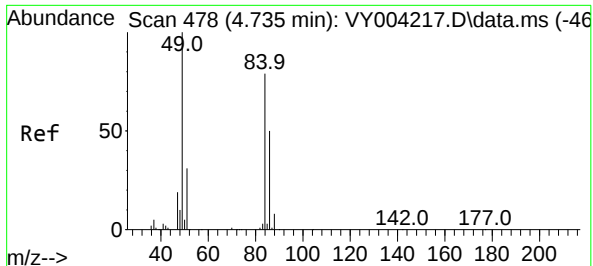


#16

Acetone
Concen: 8.38 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion: 43 Resp: 3068
Ion Ratio Lower Upper
43 100
58 23.5 24.5 36.7#





#20

Methylene Chloride

Concen: 4.83 ug/l

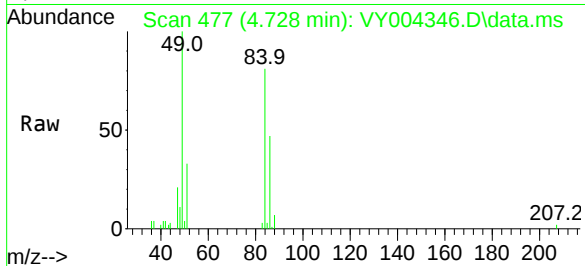
RT: 4.728 min Scan# 477

Delta R.T. -0.007 min

Lab File: VY004346.D

Acq: 08 Apr 2021 19:25

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 12753

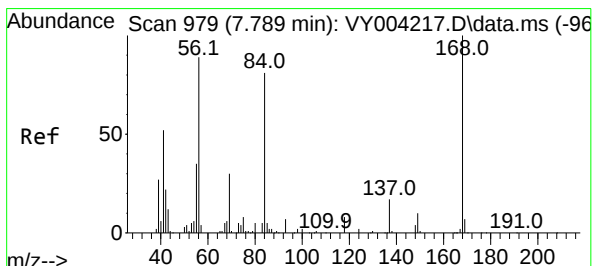
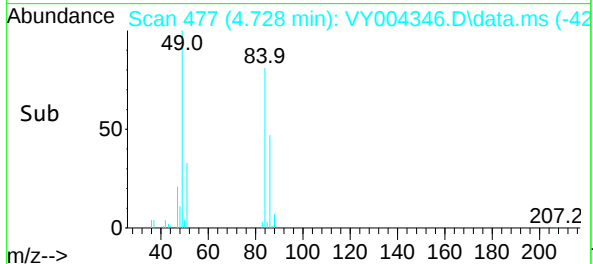
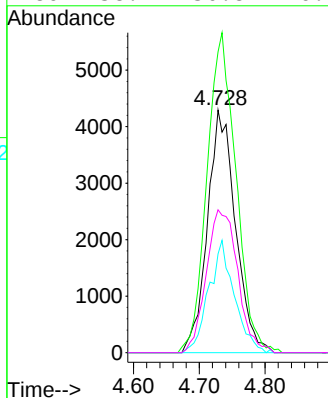
Ion Ratio Lower Upper

84 100

49 124.0 101.5 152.3

51 40.7 31.5 47.3

86 58.9 50.8 76.2



#31

Cyclohexane

Concen: 1.38 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY004346.D

Acq: 08 Apr 2021 19:25

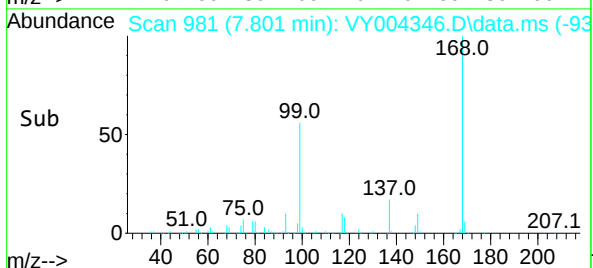
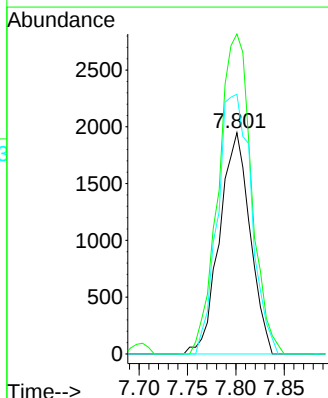
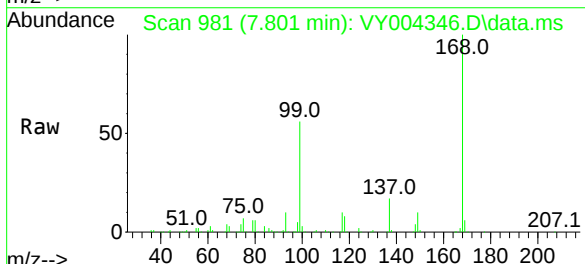
Tgt Ion: 56 Resp: 4269

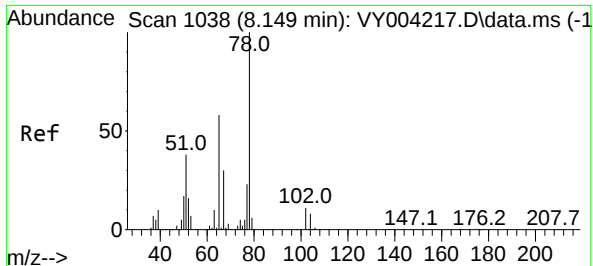
Ion Ratio Lower Upper

56 100

69 144.6 26.6 40.0#

84 117.3 72.3 108.5#

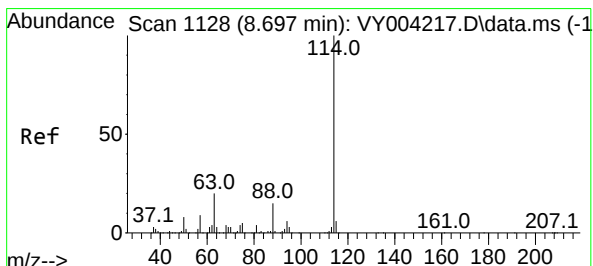
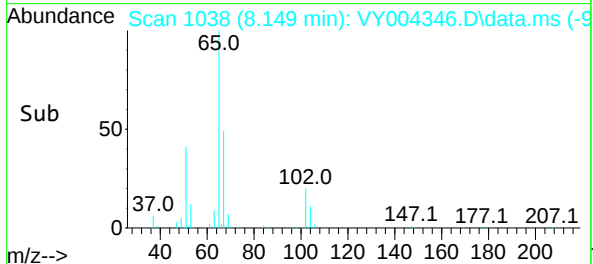
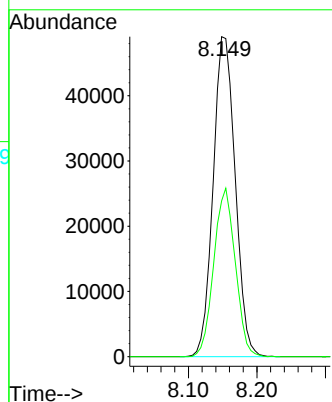
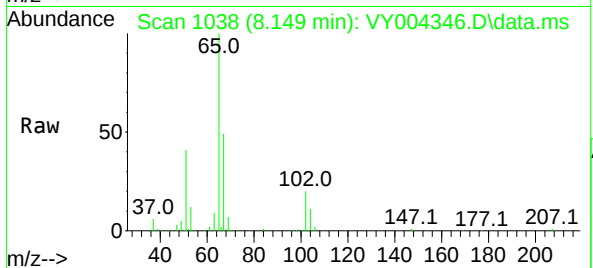




#33
1,2-Dichloroethane-d4
Concen: 62.47 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

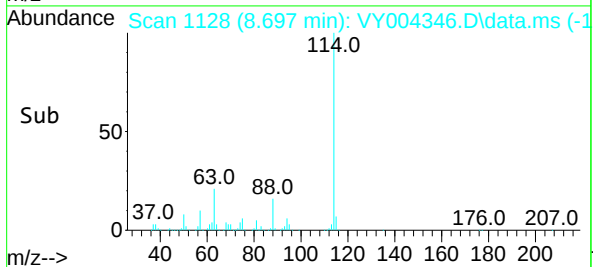
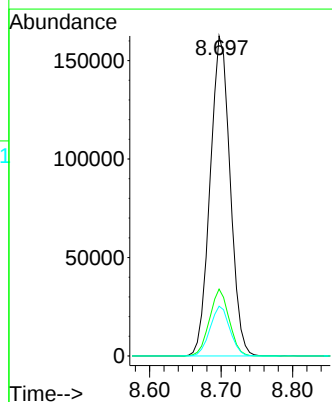
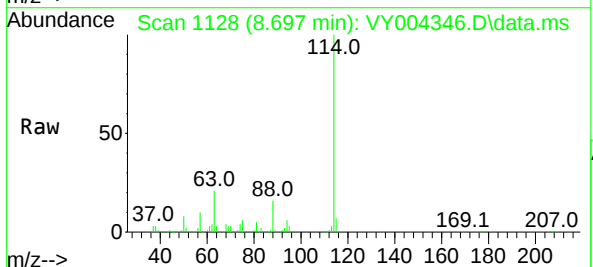
Instrument :
MSVOA_Y
ClientSampled :

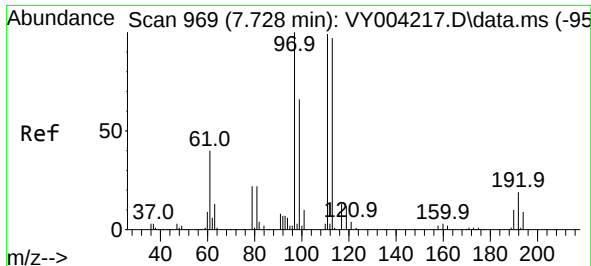
Tgt Ion: 65 Resp: 109728
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion: 114 Resp: 315380
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.5 0.0 30.8

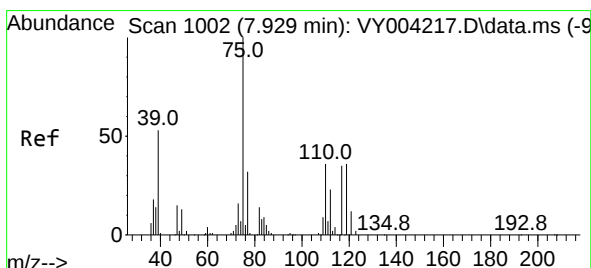
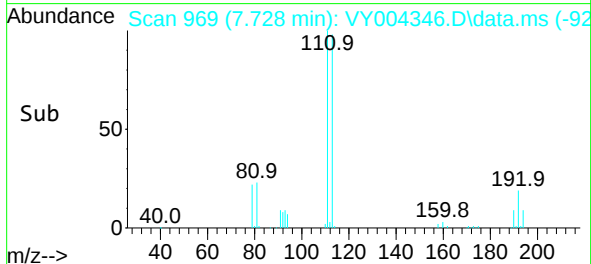
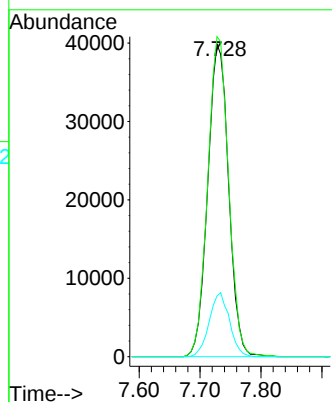
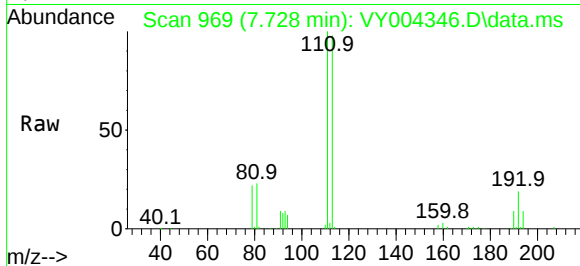




#35
Dibromofluoromethane
Concen: 54.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

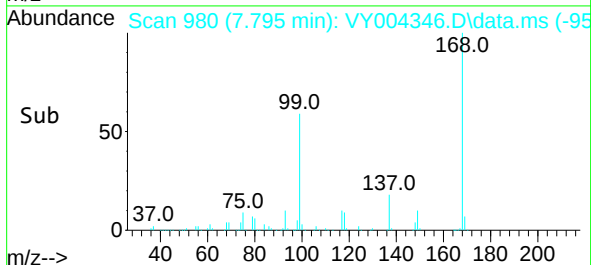
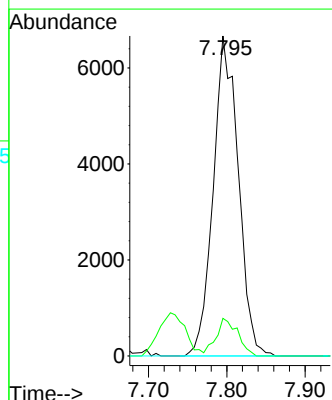
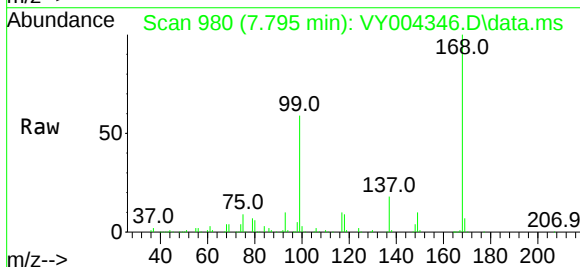
Instrument :
MSVOA_Y
ClientSampleId :

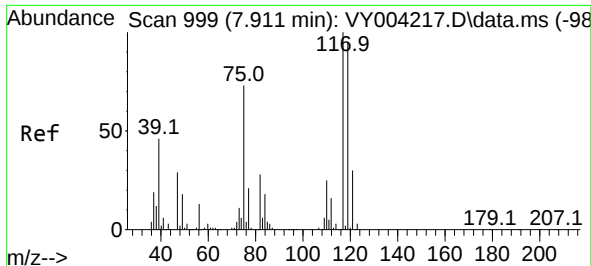
Tgt Ion:	113	Resp:	94984
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	19.8	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

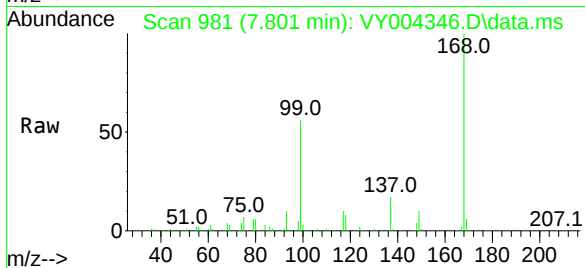
Tgt Ion:	75	Resp:	14802
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.3#
77	0.0	25.1	37.7#



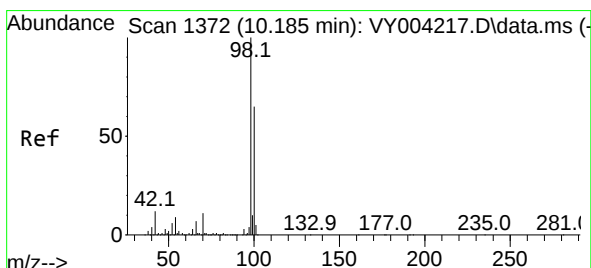
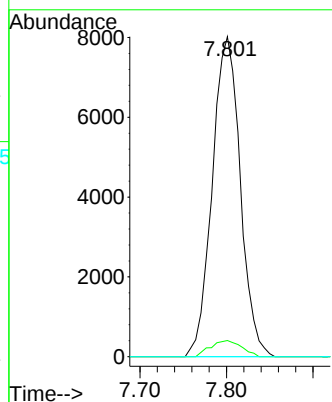
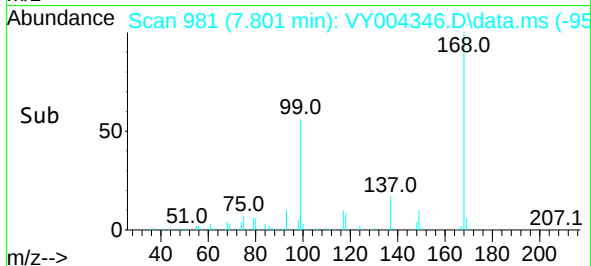


#38
Carbon Tetrachloride
Concen: 7.19 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

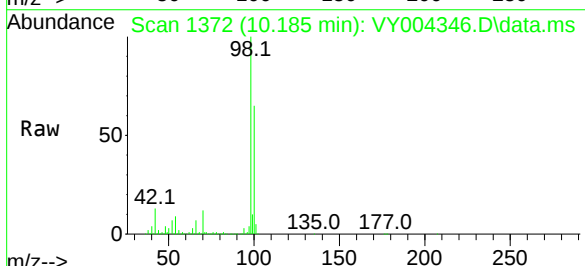
Instrument :
MSVOA_Y
ClientSampled :



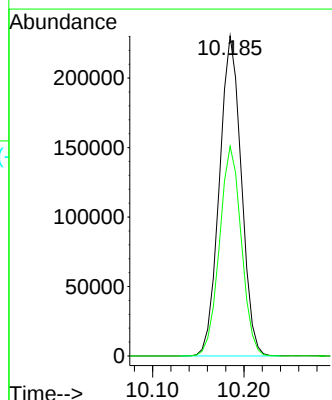
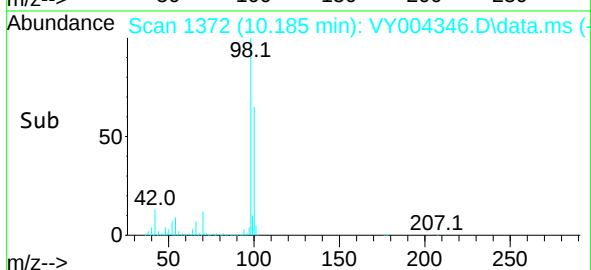
Tgt Ion:117 Resp: 18009
Ion Ratio Lower Upper
117 100
119 5.0 75.6 113.4#
121 0.0 24.3 36.5#

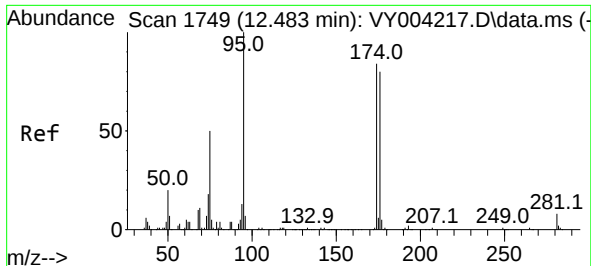


#50
Toluene-d8
Concen: 58.12 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25



Tgt Ion: 98 Resp: 384107
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

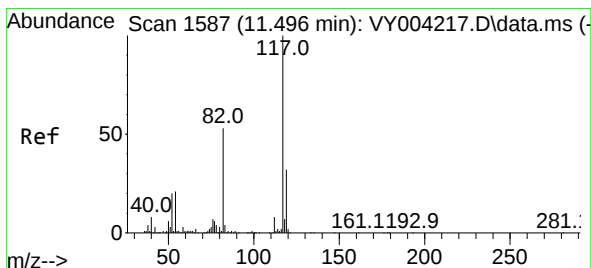
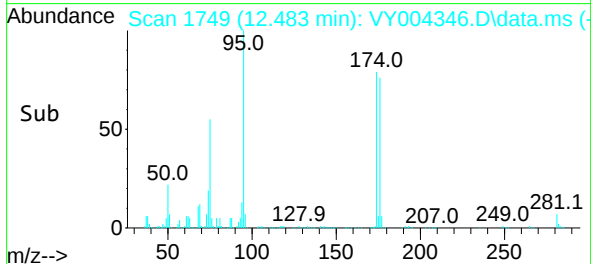
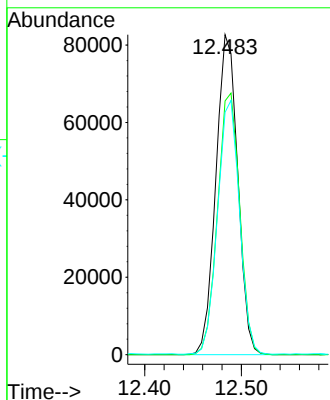
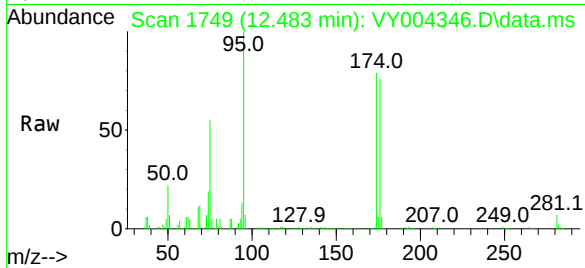




#62
4-Bromofluorobenzene
Concen: 57.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

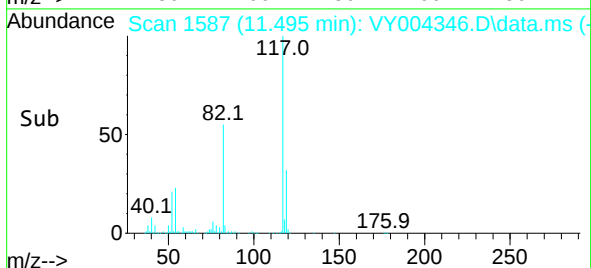
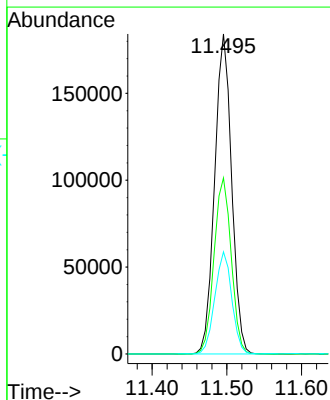
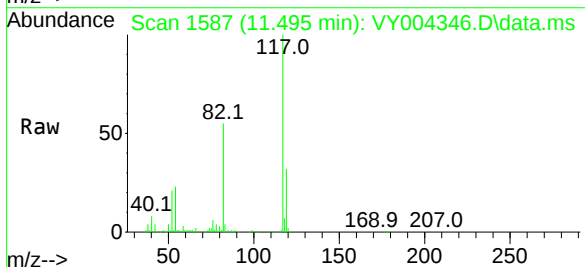
Instrument :
MSVOA_Y
ClientSampleId :

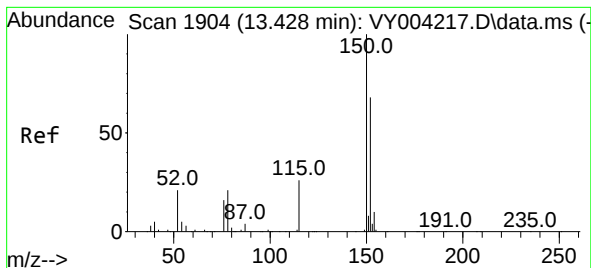
Tgt Ion: 95 Resp: 129485
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.4
176 79.6 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion: 117 Resp: 290198
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 31.9 25.7 38.5

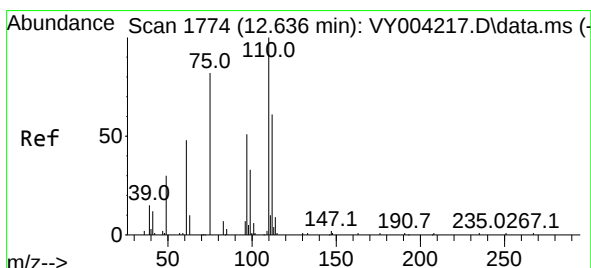
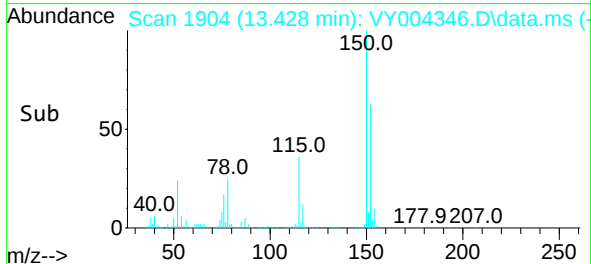
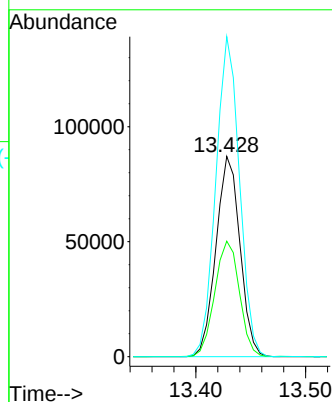
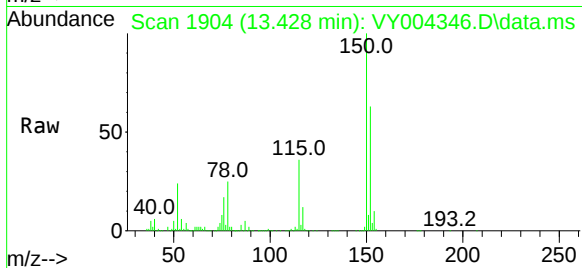




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004346.D
 Acq: 08 Apr 2021 19:25

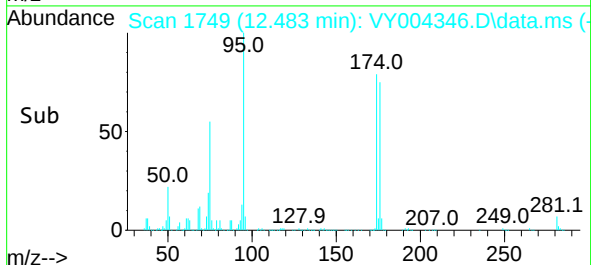
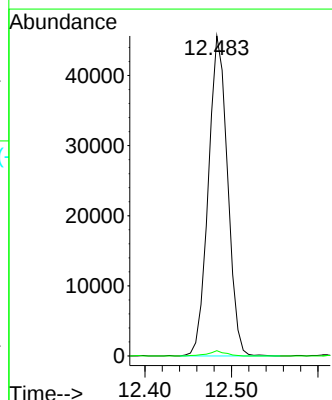
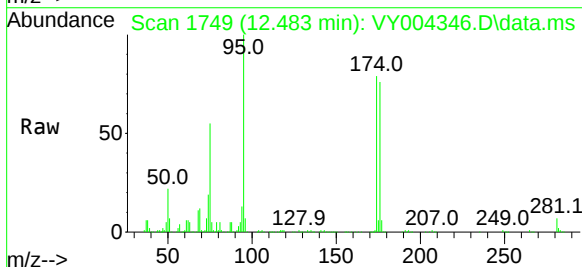
Instrument :
 MSVOA_Y
 ClientSampled :

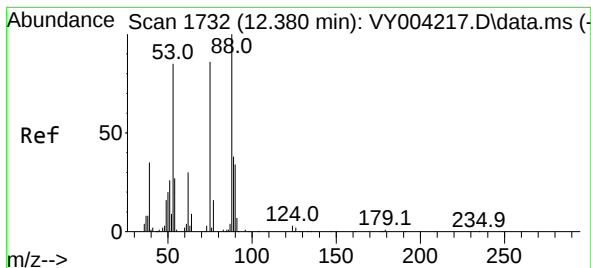
Tgt Ion:152 Resp: 132604
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.0 87.1
 150 157.4 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 58.46 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004346.D
 Acq: 08 Apr 2021 19:25

Tgt Ion: 75 Resp: 70395
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

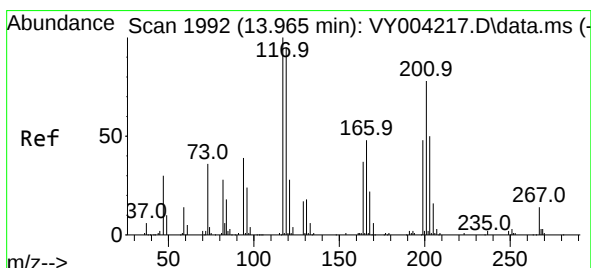
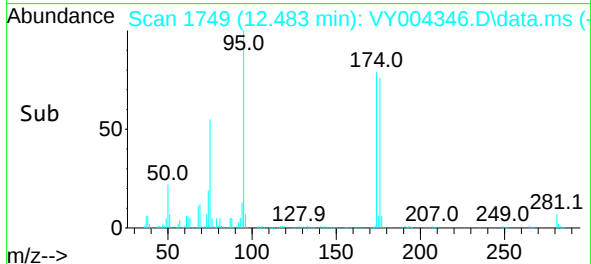
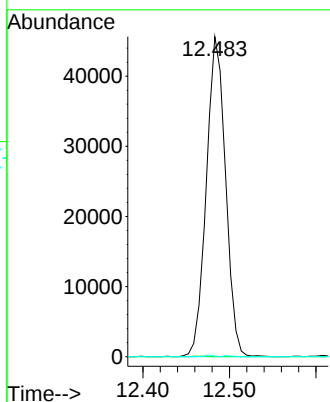
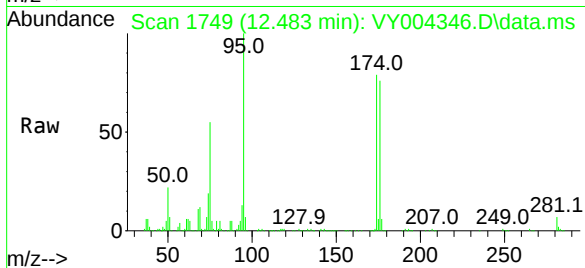




#81
trans-1,4-Dichloro-2-butene
Concen: 107.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 70395
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.2 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 14.093 min Scan# 2013
Delta R.T. 0.128 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion: 117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

