

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004342.D
 Acq On : 08 Apr 2021 17:52
 Operator : SY/MD
 Sample : M1979-07
 Misc : 4.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:18:34 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)

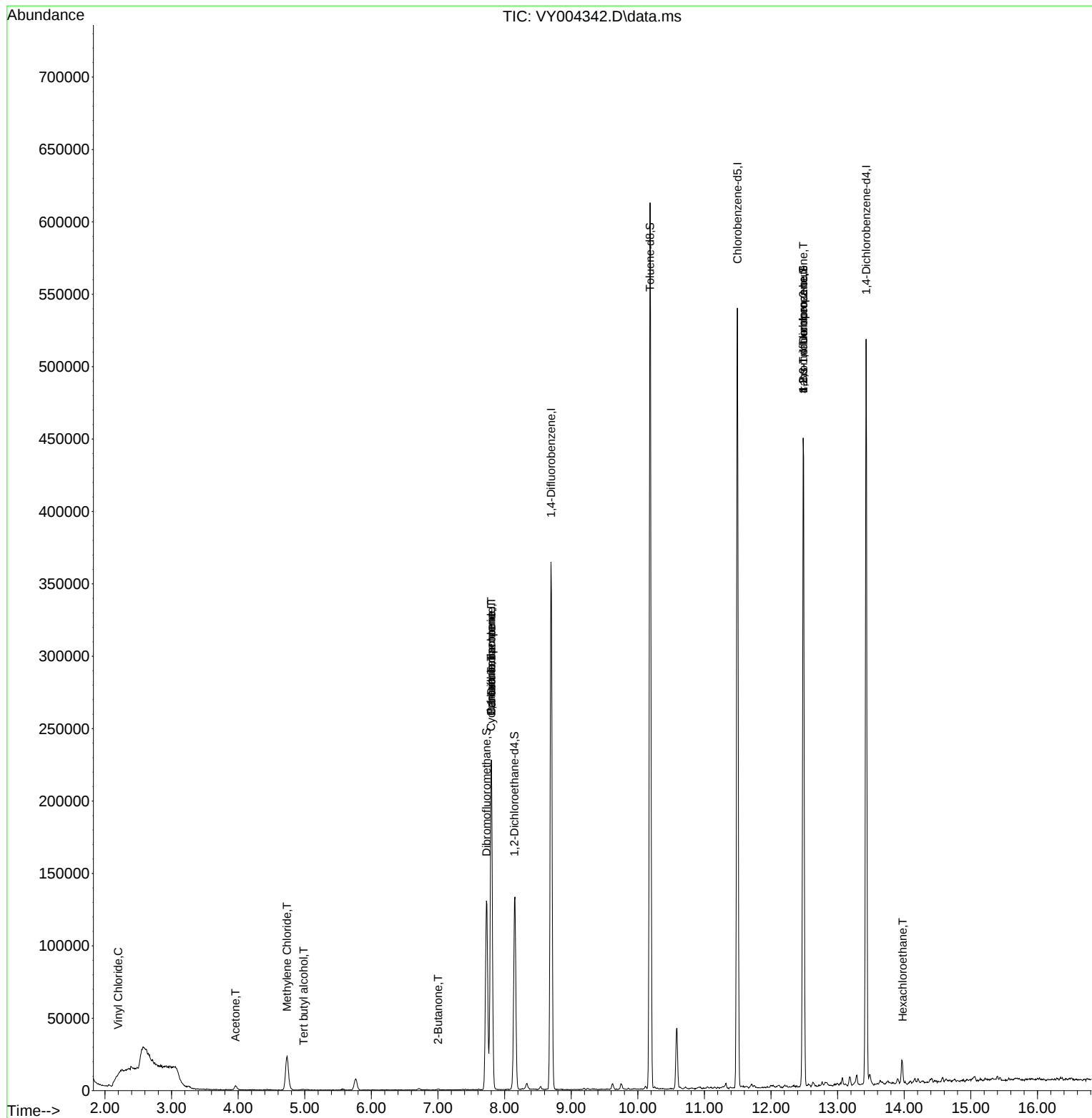
Internal Standards						
1) Pentafluorobenzene	7.801	168	175200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104136	61.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.66%			
35) Dibromofluoromethane	7.728	113	91798	53.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.64%			
50) Toluene-d8	10.185	98	375610	58.55	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.10%			
62) 4-Bromofluorobenzene	12.483	95	123403	56.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.24%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.198	62	4848	2.12	ug/l #	42
11) Tert butyl alcohol	4.985	59	892	6.51	ug/l #	71
13) Acrolein	3.735	56	19	Below Cal	#	15
16) Acetone	3.960	43	5282	15.05	ug/l	91
20) Methylene Chloride	4.735	84	16209	7.27	ug/l	93
25) 2-Butanone	7.002	43	1026	1.75	ug/l	99
31) Cyclohexane	7.795	56	4210	1.41	ug/l #	44
36) 1,1-Dichloropropene	7.801	75	14036	5.02	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17238	7.09	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	67531	60.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67531	110.77	ug/l #	10
90) Hexachloroethane	13.977	117	22	7.31	ug/l #	12

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

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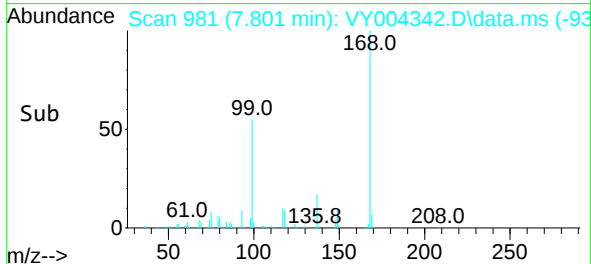
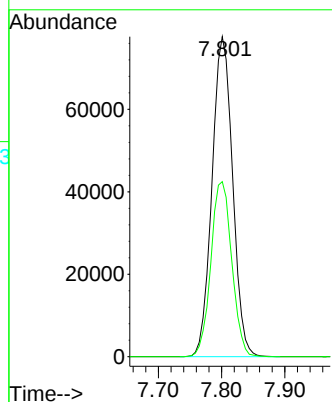
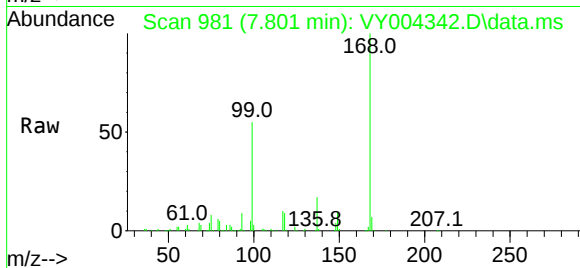




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

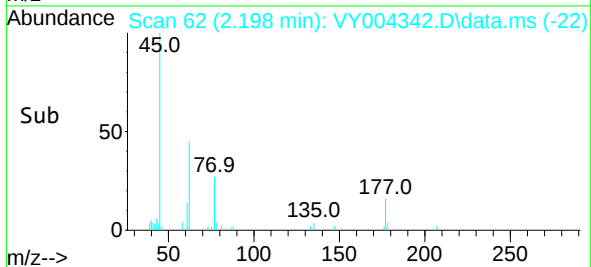
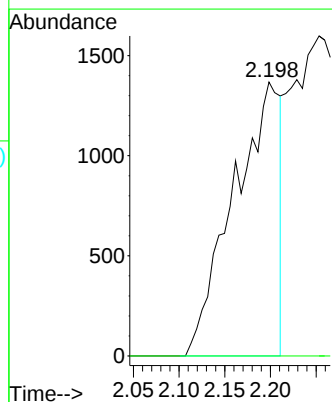
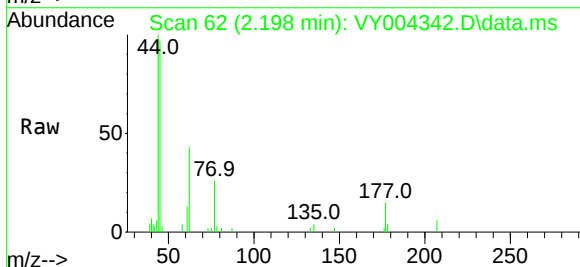
Instrument :
MSVOA_Y
ClientSampleId :

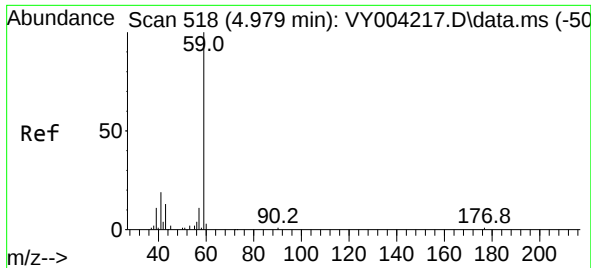
Tgt Ion:168 Resp: 175200
Ion Ratio Lower Upper
168 100
99 54.7 42.6 64.0



#4
Vinyl Chloride
Concen: 2.12 ug/l
RT: 2.198 min Scan# 62
Delta R.T. -0.055 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

Tgt Ion: 62 Resp: 4848
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

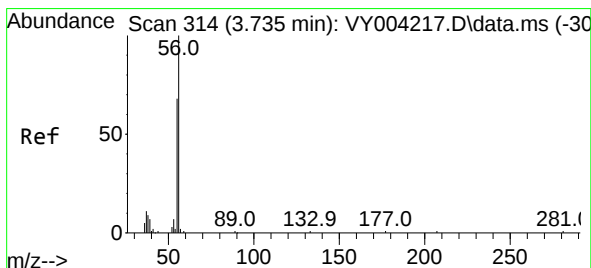
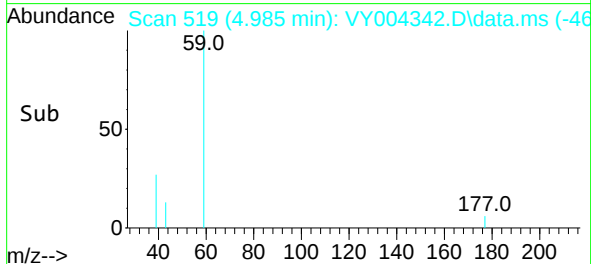
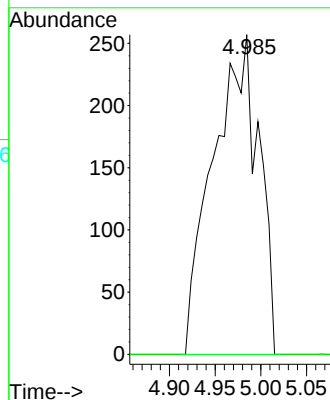
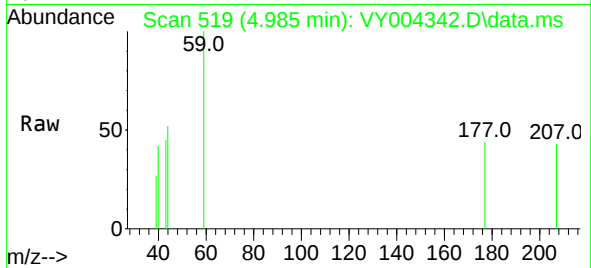




#11
Tert butyl alcohol
Concen: 6.51 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

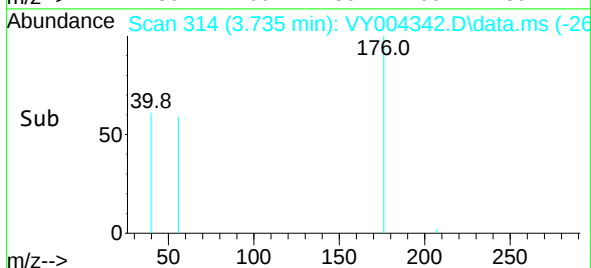
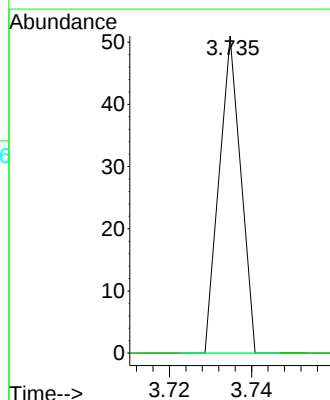
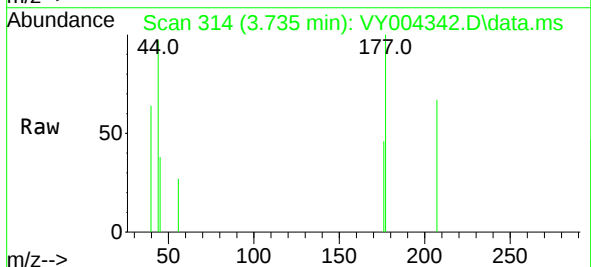
Instrument :
MSVOA_Y
ClientSampled :

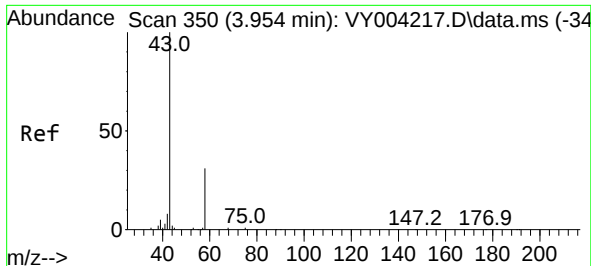
Tgt Ion: 59 Resp: 892
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

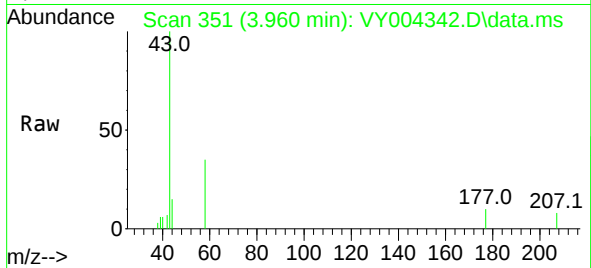
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#



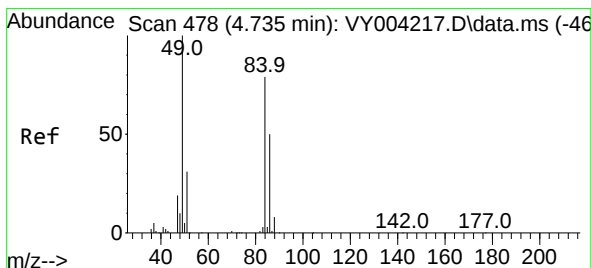
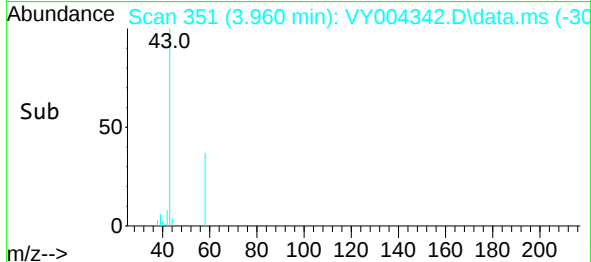
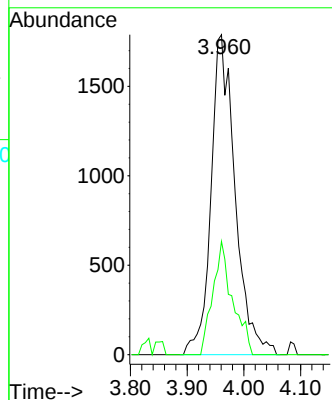


#16
Acetone
Concen: 15.05 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

Instrument :
MSVOA_Y
ClientSampled :

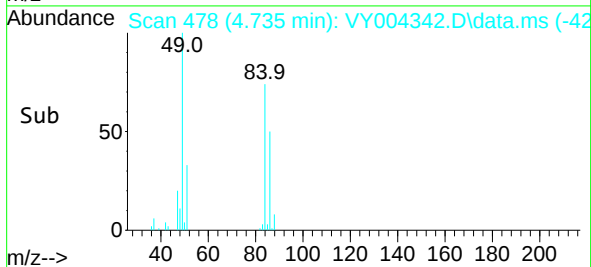
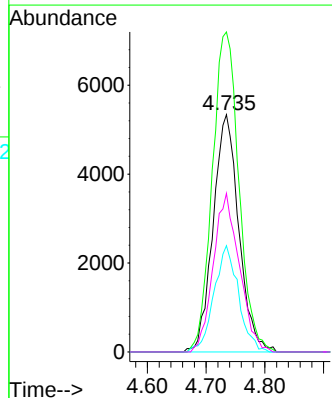
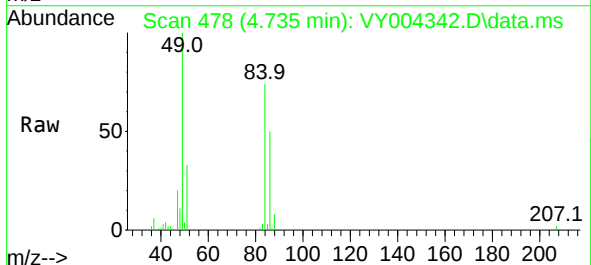


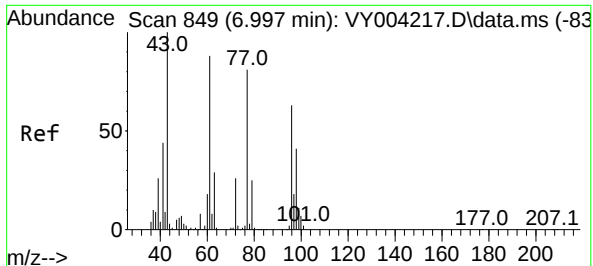
Tgt Ion: 43 Resp: 5282
Ion Ratio Lower Upper
43 100
58 35.4 24.5 36.7



#20
Methylene Chloride
Concen: 7.27 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

Tgt Ion: 84 Resp: 16209
Ion Ratio Lower Upper
84 100
49 134.9 101.5 152.3
51 44.8 31.5 47.3
86 66.9 50.8 76.2





#25

2-Butanone

Concen: 1.75 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004342.D

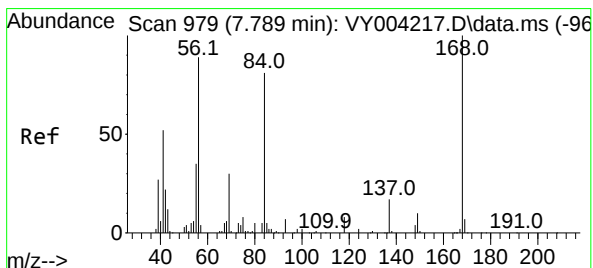
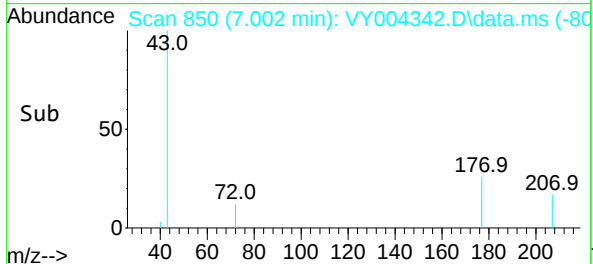
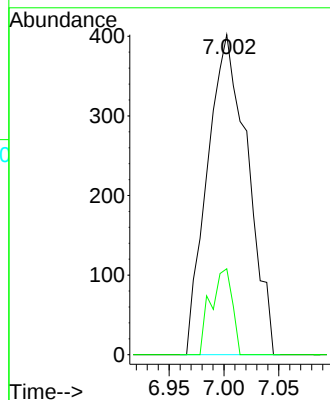
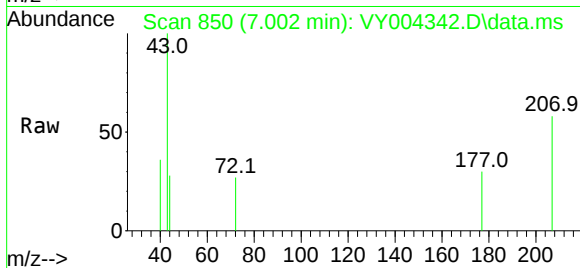
Acq: 08 Apr 2021 17:52

Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#31

Cyclohexane

Concen: 1.41 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004342.D

Acq: 08 Apr 2021 17:52

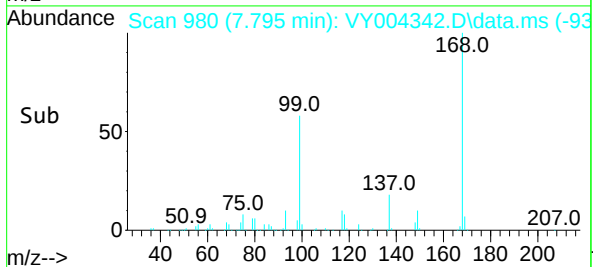
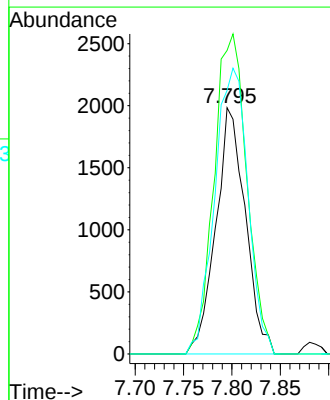
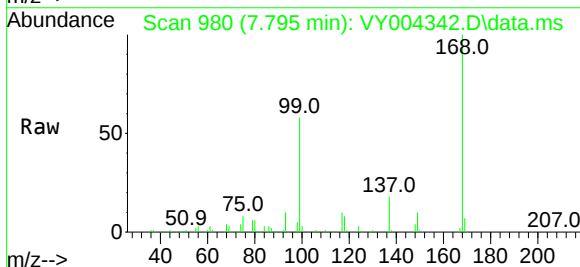
Tgt Ion: 56 Resp: 4210

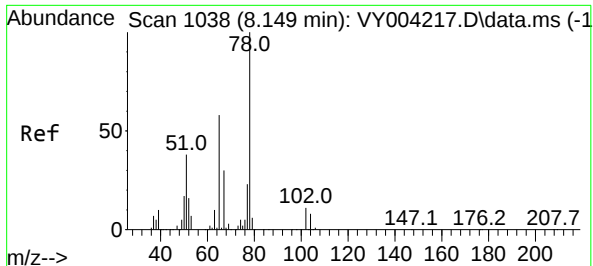
Ion Ratio Lower Upper

56 100

69 123.2 26.6 40.0#

84 107.0 72.3 108.5

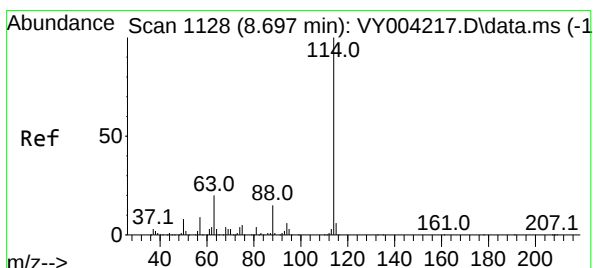
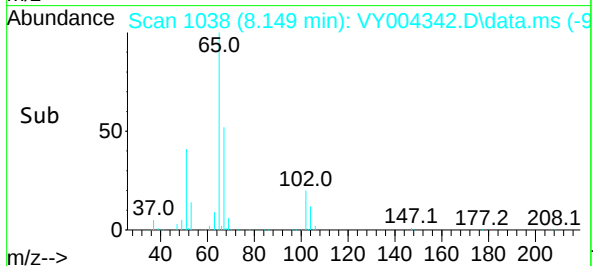
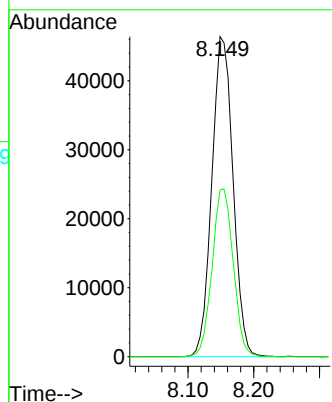
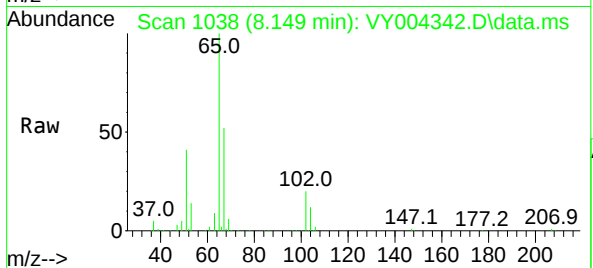




#33
1,2-Dichloroethane-d4
Concen: 61.83 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

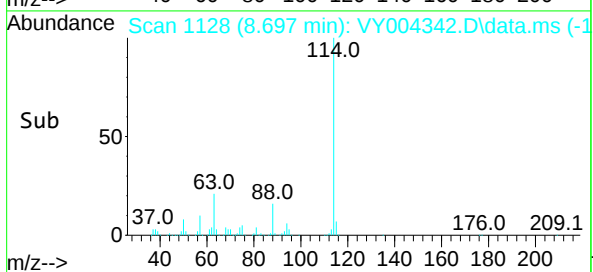
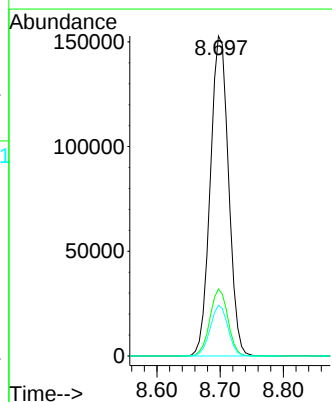
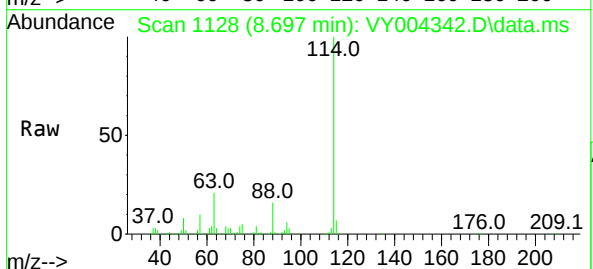
Instrument :
MSVOA_Y
ClientSampled :

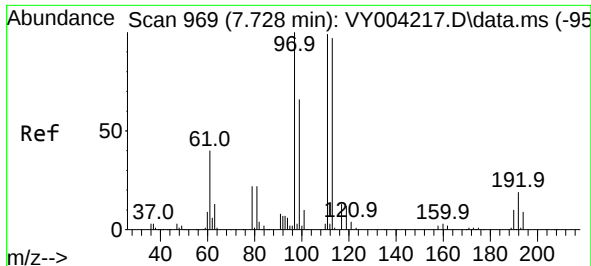
Tgt Ion: 65 Resp: 104136
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

Tgt Ion: 114 Resp: 306139
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 15.8 0.0 30.8

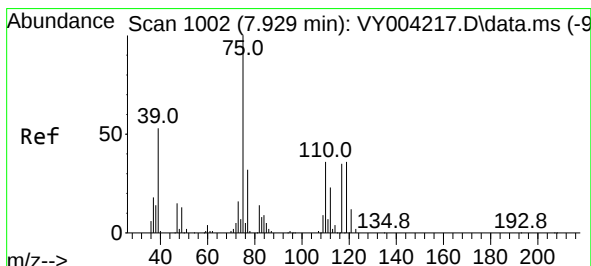
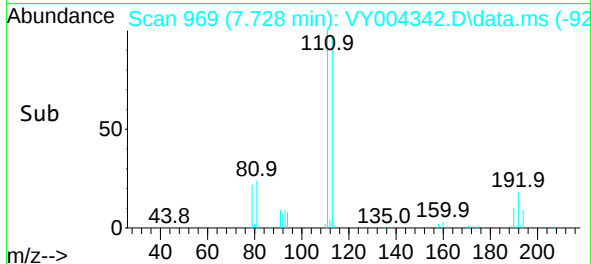
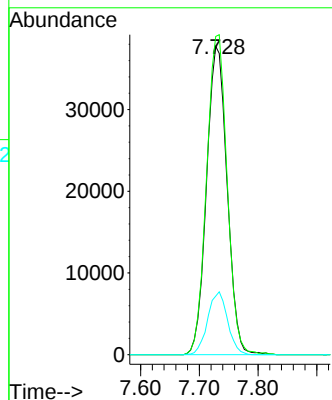
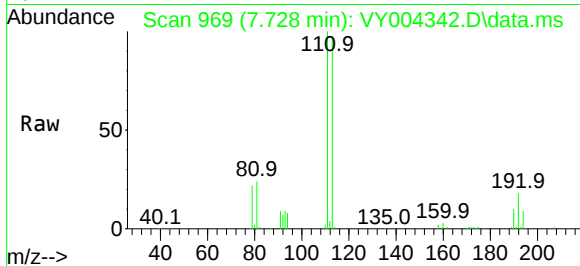




#35
Dibromofluoromethane
Concen: 53.82 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

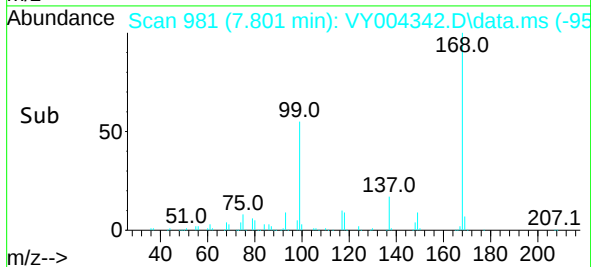
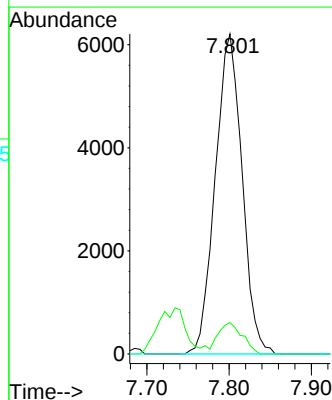
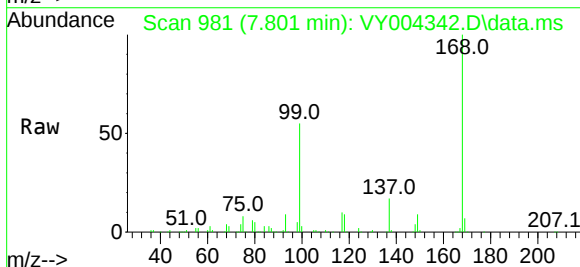
Instrument :
MSVOA_Y
ClientSampled :

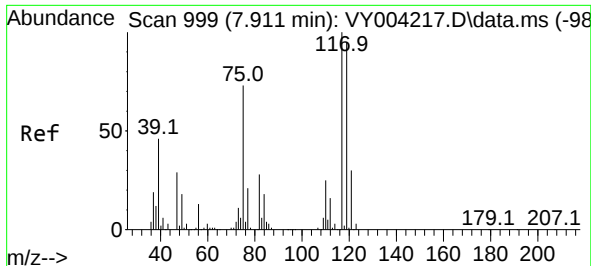
Tgt Ion:113 Resp: 91798
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.7 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

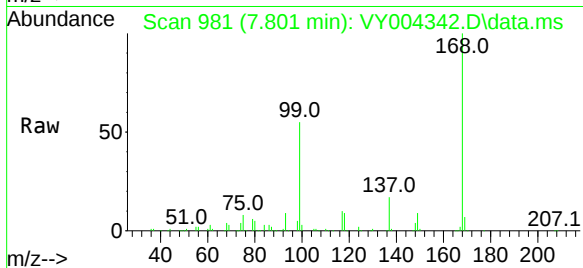
Tgt Ion: 75 Resp: 14036
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.3#
77 0.0 25.1 37.7#



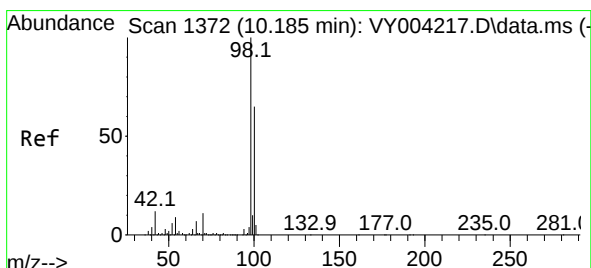
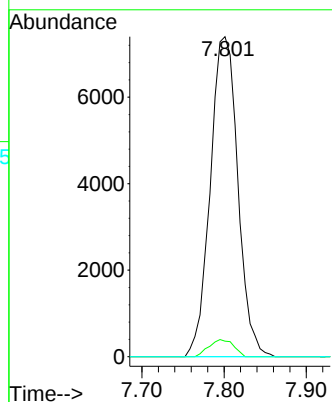
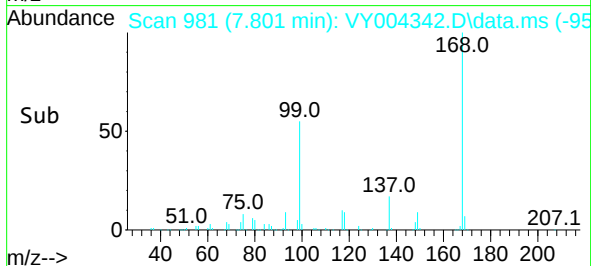


#38
Carbon Tetrachloride
Concen: 7.09 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

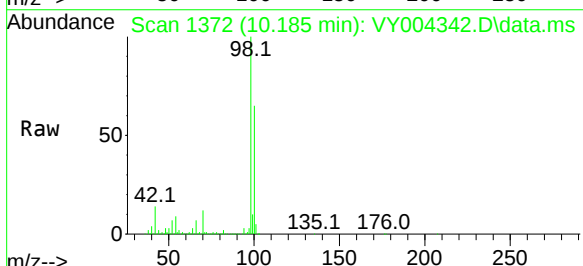
Instrument :
MSVOA_Y
ClientSampleId :



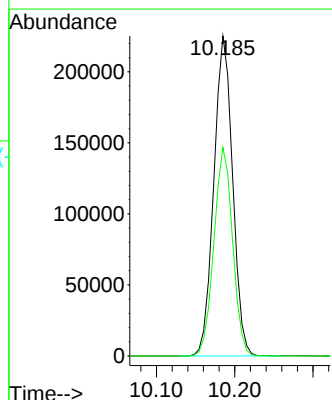
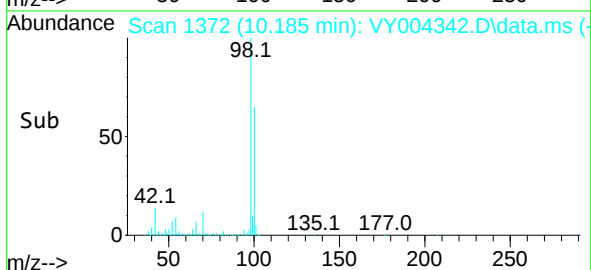
Tgt Ion:117 Resp: 17238
Ion Ratio Lower Upper
117 100
119 4.9 75.6 113.4#
121 0.0 24.3 36.5#

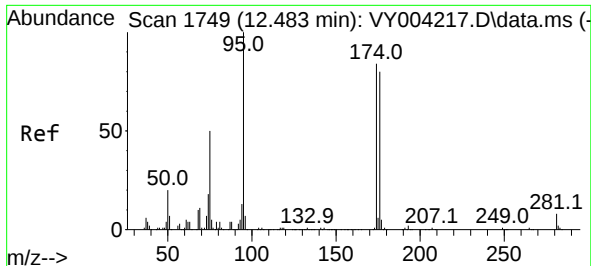


#50
Toluene-d8
Concen: 58.55 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52



Tgt Ion: 98 Resp: 375610
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

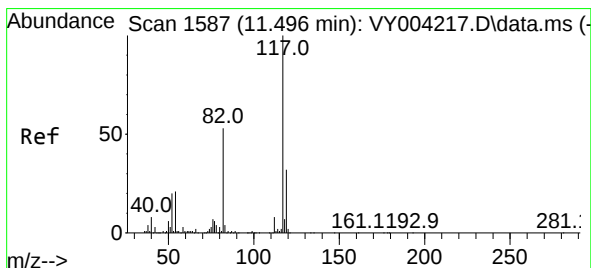
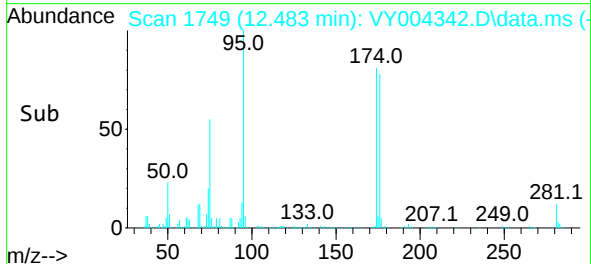
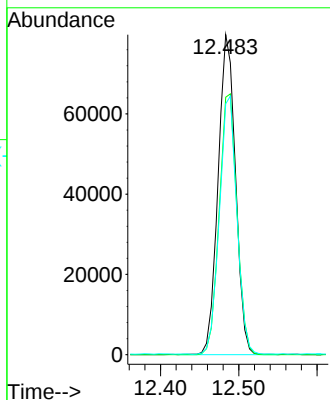
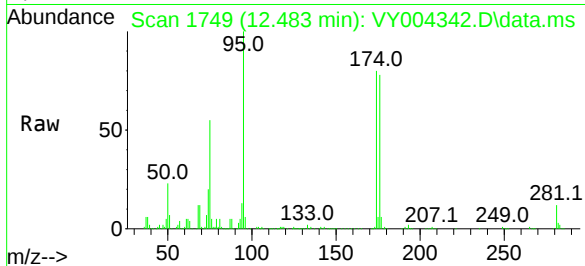




#62
4-Bromofluorobenzene
Concen: 56.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

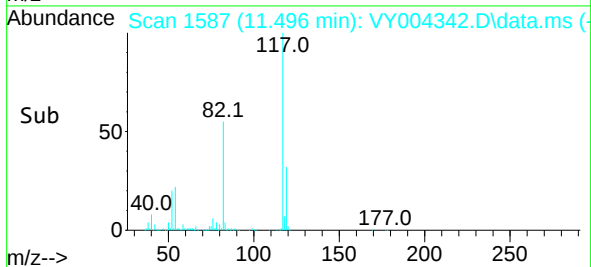
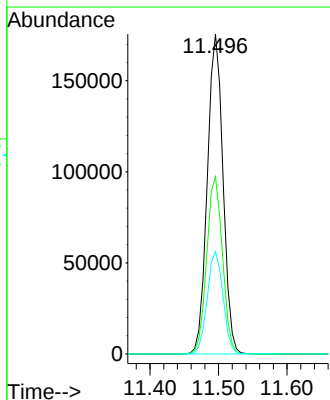
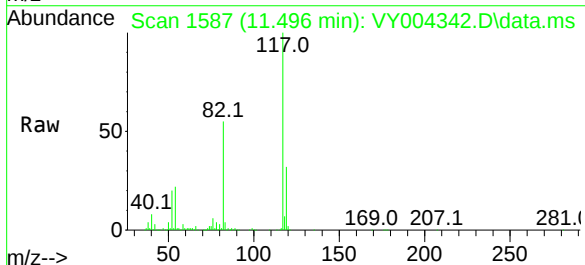
Instrument :
MSVOA_Y
ClientSampleId :

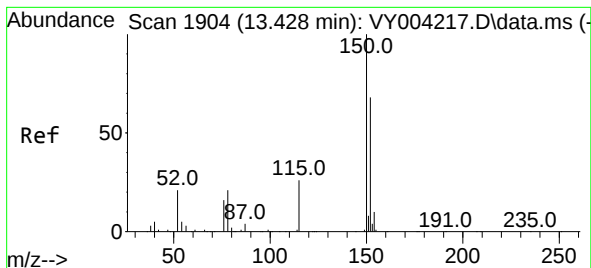
Tgt Ion: 95 Resp: 123403
Ion Ratio Lower Upper
95 100
174 82.9 0.0 171.4
176 81.0 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

Tgt Ion: 117 Resp: 280181
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 32.1 25.7 38.5

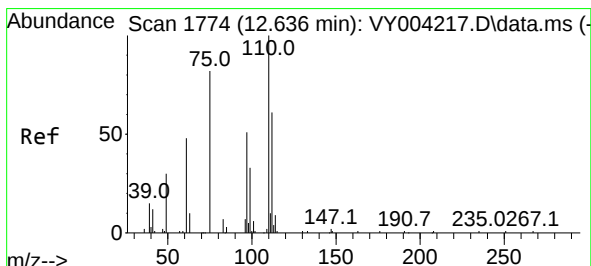
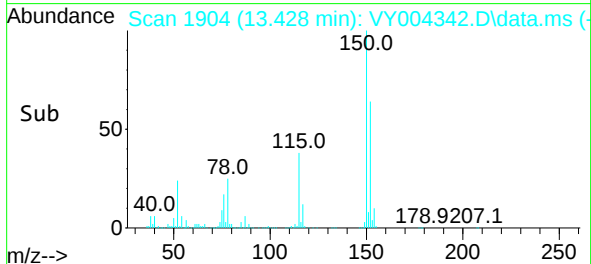
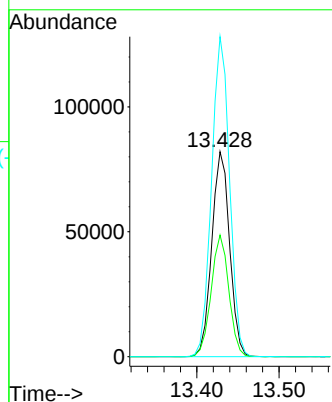
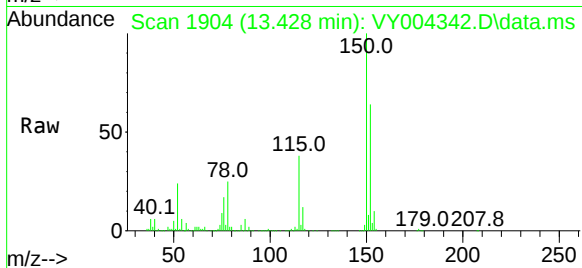




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004342.D
 Acq: 08 Apr 2021 17:52

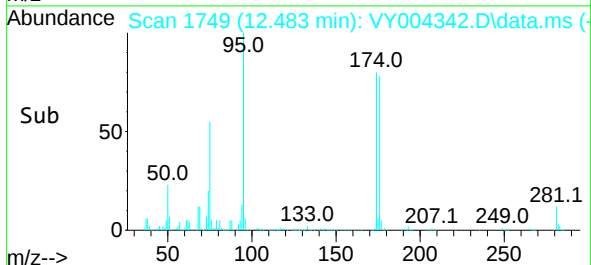
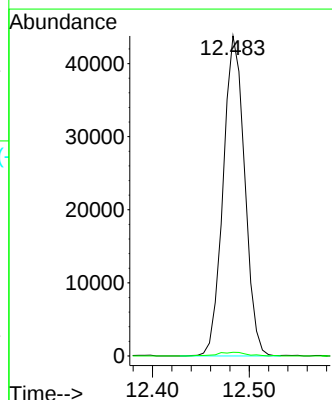
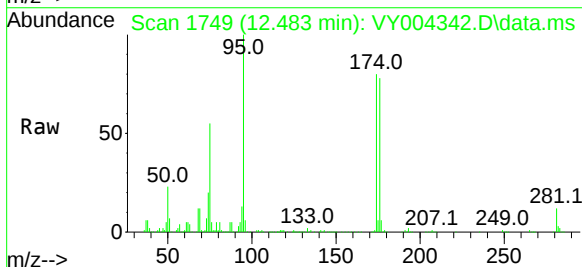
Instrument :
 MSVOA_Y
 ClientSampled :

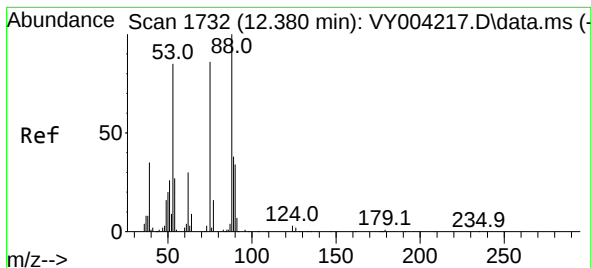
Tgt Ion:152 Resp: 123734
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.0 87.1
 150 157.1 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 60.10 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004342.D
 Acq: 08 Apr 2021 17:52

Tgt Ion: 75 Resp: 67531
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

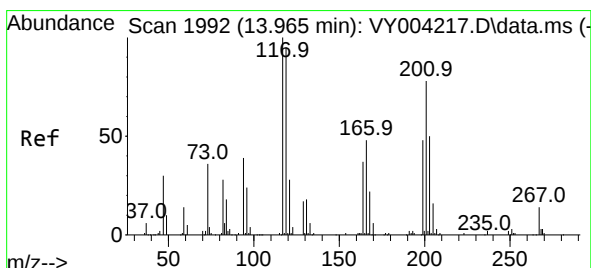
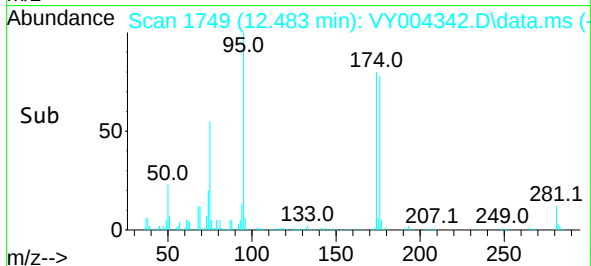
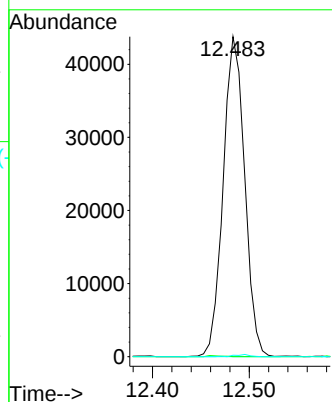
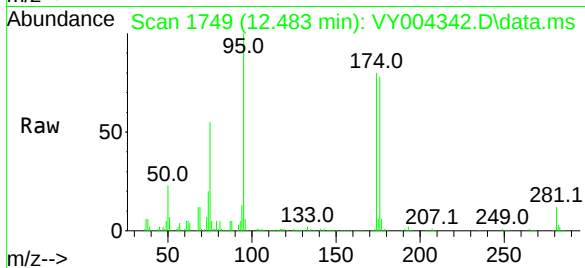




#81
trans-1,4-Dichloro-2-butene
Concen: 110.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67531
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.5 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004342.D
Acq: 08 Apr 2021 17:52

Tgt Ion: 117 Resp: 22
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

