

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004320.D
 Acq On : 07 Apr 2021 17:14
 Operator : SY/MD
 Sample : M1972-01
 Misc : 6.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 08 01:02:31 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)

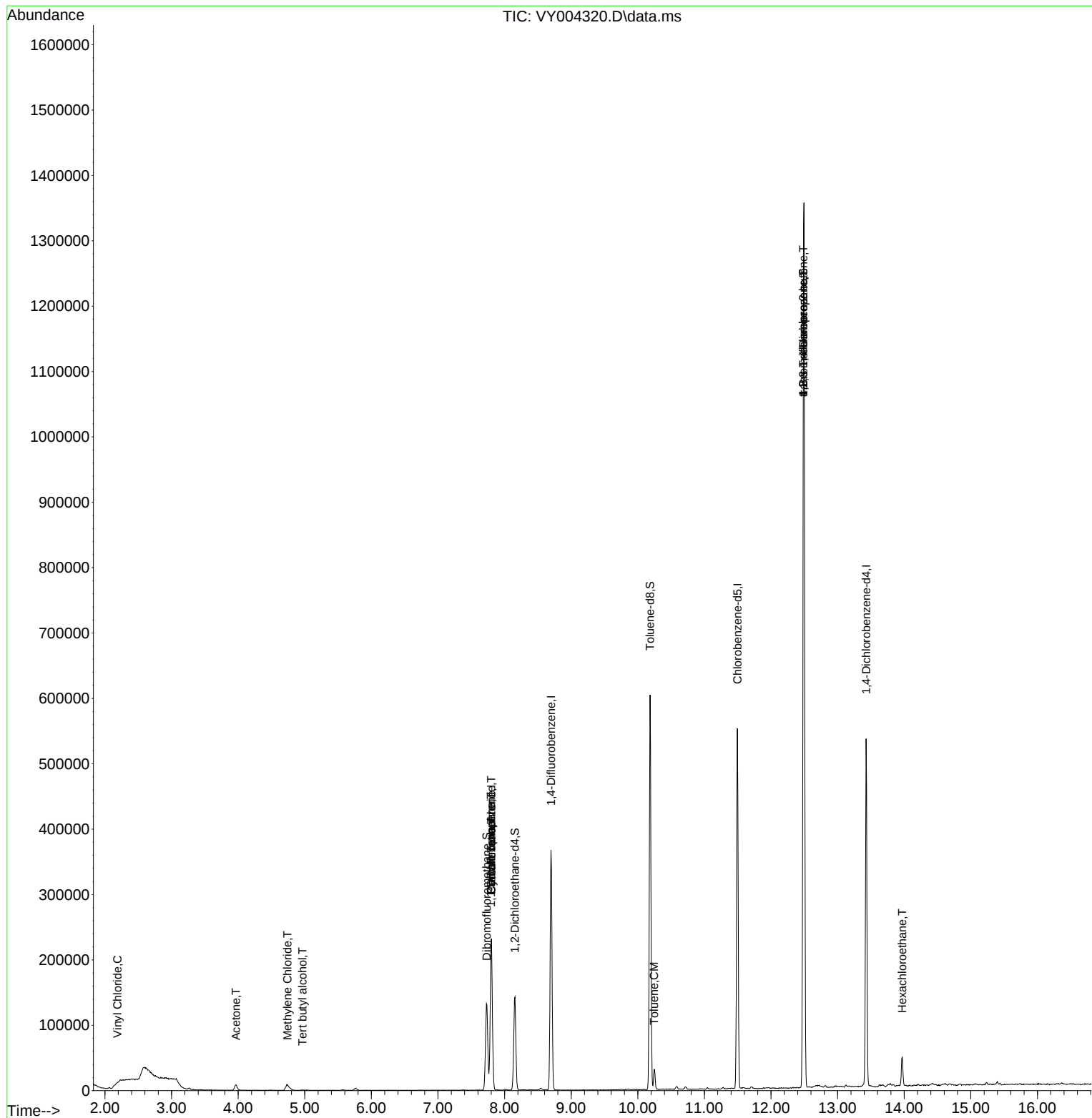
Internal Standards						
1) Pentafluorobenzene	7.801	168	174923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	109691	65.23	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.46%			
35) Dibromofluoromethane	7.734	113	93649	55.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.64%			
50) Toluene-d8	10.185	98	372903	58.57	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.14%			
62) 4-Bromofluorobenzene	12.483	95	129566	59.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.76%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.186	62	4318	1.89	ug/l #	42
11) Tert butyl alcohol	4.966	59	387	2.83	ug/l #	71
16) Acetone	3.966	43	15502	44.25	ug/l	96
20) Methylene Chloride	4.741	84	6074	1.07	ug/l #	86
31) Cyclohexane	7.801	56	4253	1.43	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	13858	5.00	ug/l #	48
38) Carbon Tetrachloride	7.801	117	17421	7.22	ug/l #	17
52) Toluene	10.246	92	12258	2.43	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	79547	69.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79547	127.86	ug/l #	10
90) Hexachloroethane	13.971	117	260	7.58	ug/l #	12

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

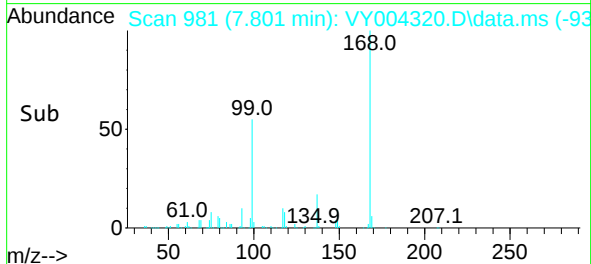
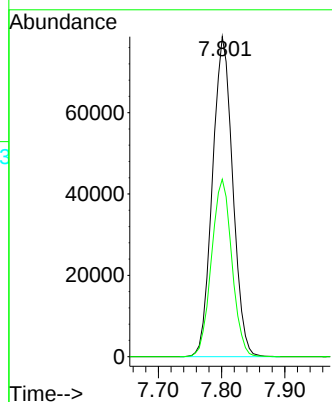
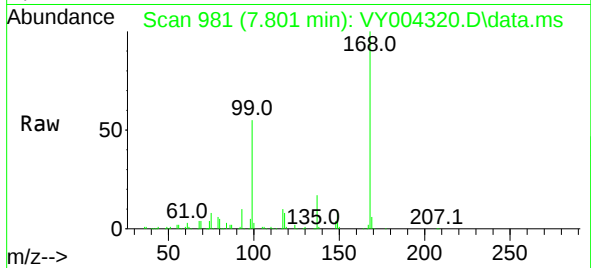




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

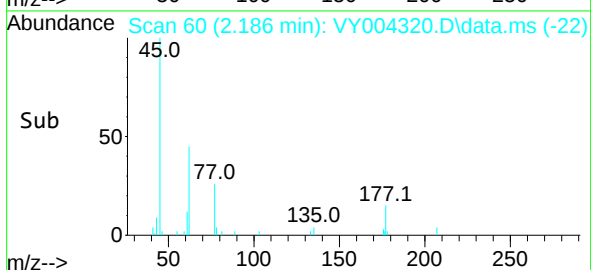
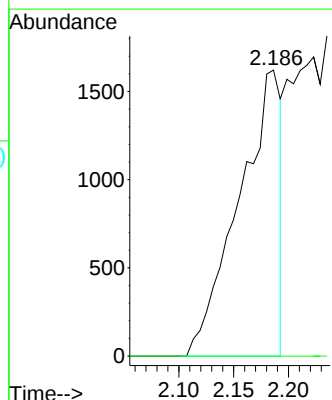
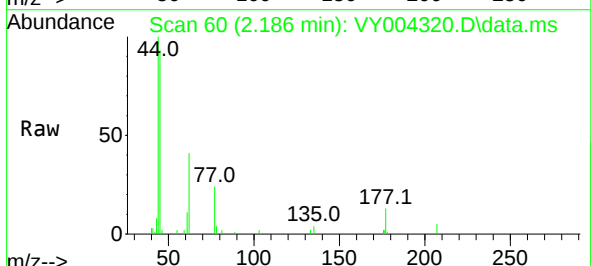
Instrument :
MSVOA_Y
ClientSampleId :

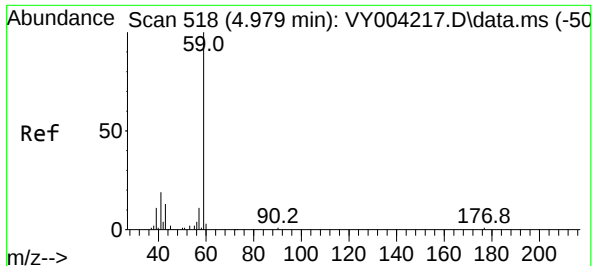
Tgt Ion:168 Resp: 174923
Ion Ratio Lower Upper
168 100
99 55.4 42.6 64.0



#4
Vinyl Chloride
Concen: 1.89 ug/l
RT: 2.186 min Scan# 60
Delta R.T. -0.067 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

Tgt Ion: 62 Resp: 4318
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



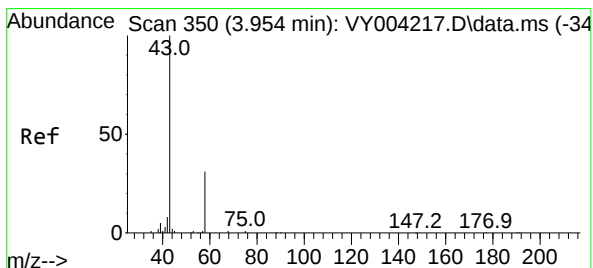
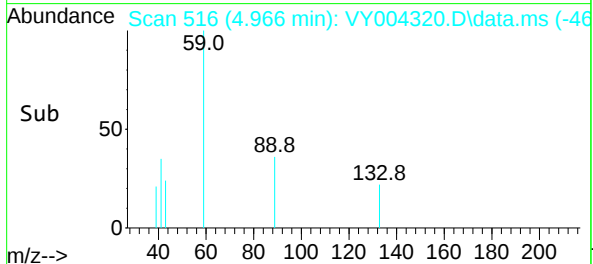
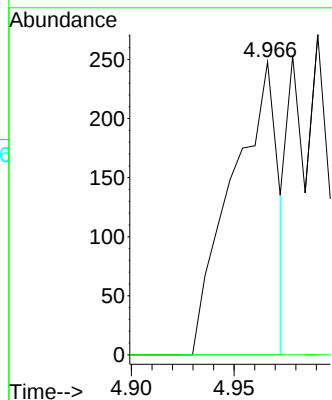
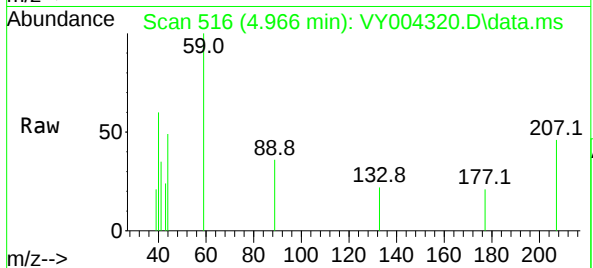


#11

Tert butyl alcohol
Concen: 2.83 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

Instrument :
MSVOA_Y
ClientSampled :

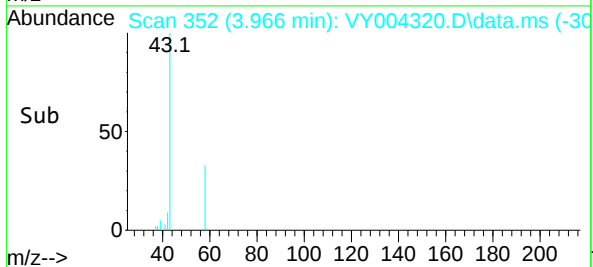
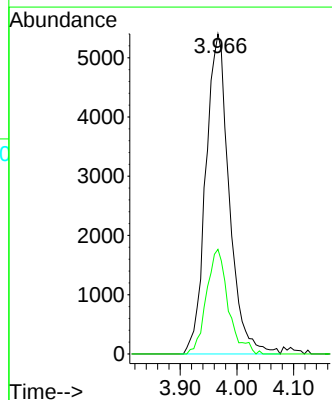
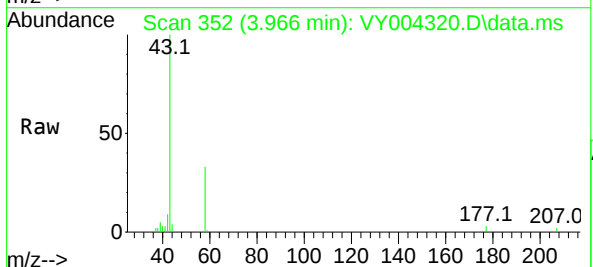
Tgt Ion: 59 Resp: 387
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

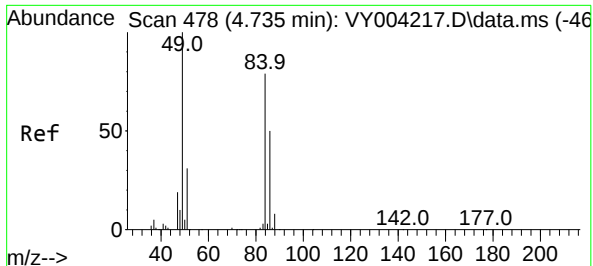


#16

Acetone
Concen: 44.25 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

Tgt Ion: 43 Resp: 15502
Ion Ratio Lower Upper
43 100
58 32.7 24.5 36.7





#20

Methylene Chloride

Concen: 1.07 ug/l

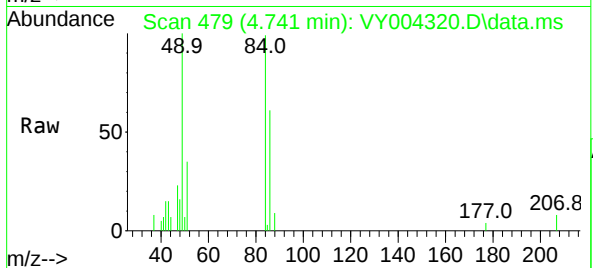
RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY004320.D

Acq: 07 Apr 2021 17:14

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6074

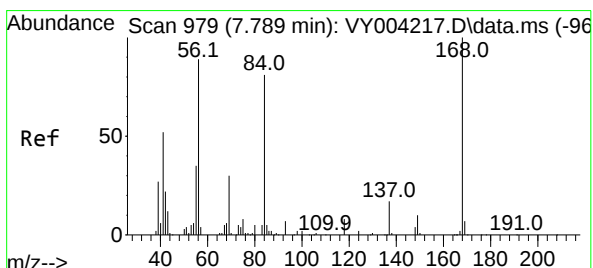
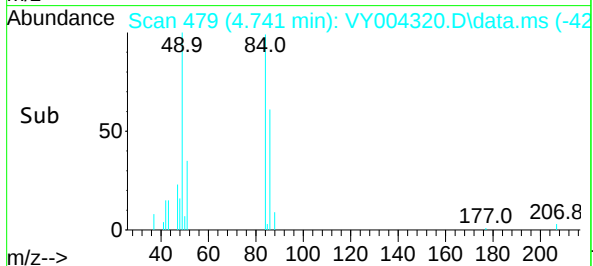
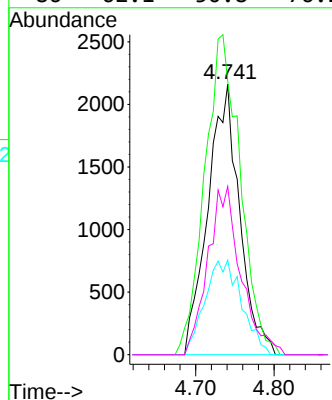
Ion Ratio Lower Upper

84 100

49 101.2 101.5 152.3#

51 34.9 31.5 47.3

86 62.1 50.8 76.2



#31

Cyclohexane

Concen: 1.43 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY004320.D

Acq: 07 Apr 2021 17:14

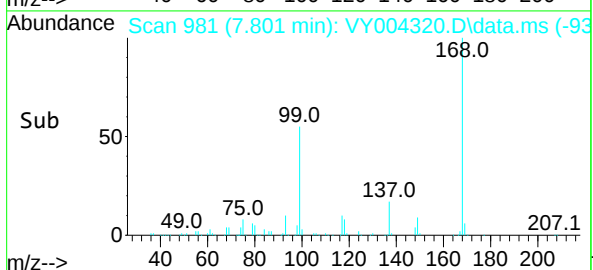
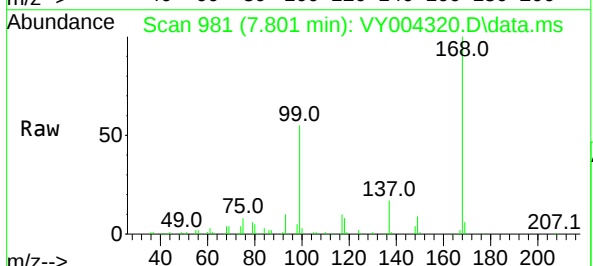
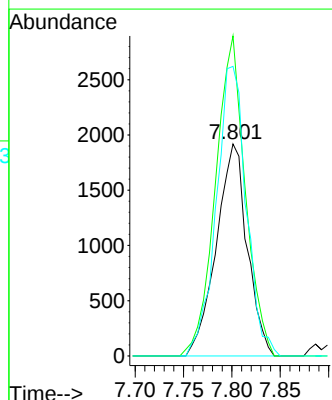
Tgt Ion: 56 Resp: 4253

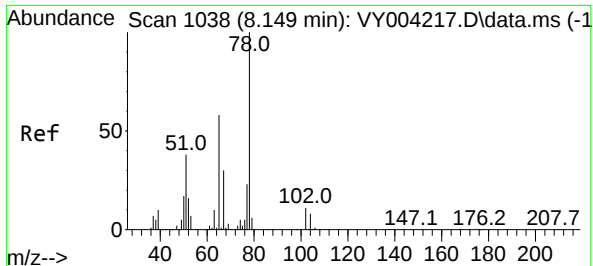
Ion Ratio Lower Upper

56 100

69 151.0 26.6 40.0#

84 136.7 72.3 108.5#

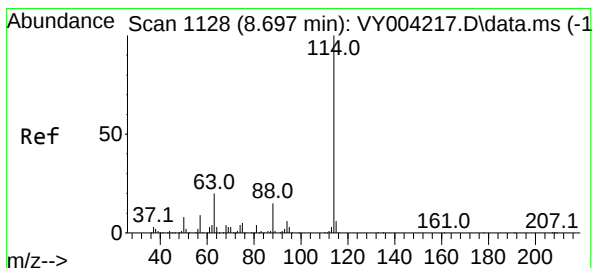
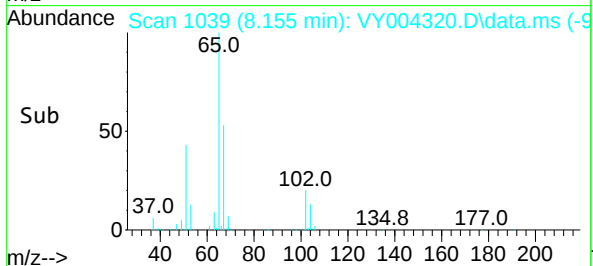
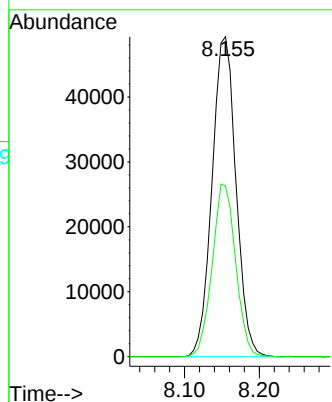
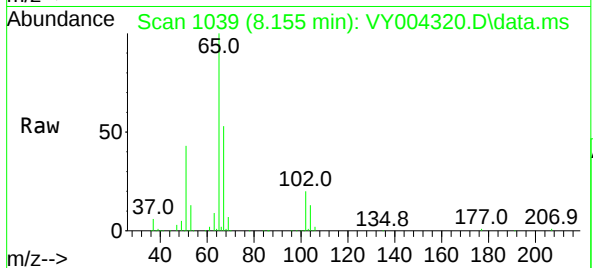




#33
 1,2-Dichloroethane-d4
 Concen: 65.23 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY004320.D
 Acq: 07 Apr 2021 17:14

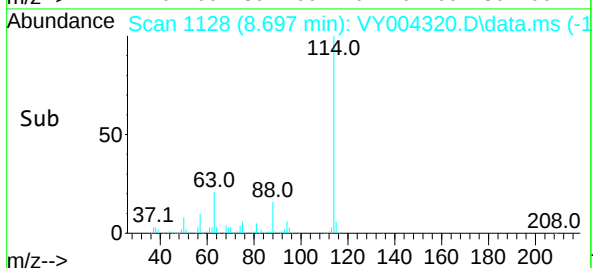
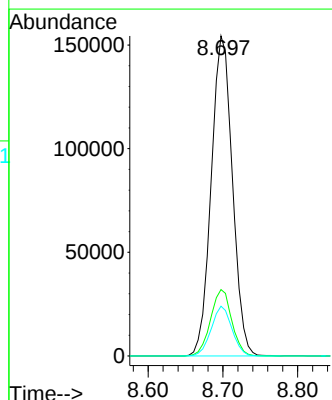
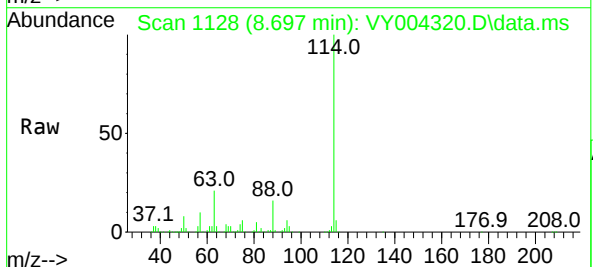
Instrument :
 MSVOA_Y
 ClientSampled :

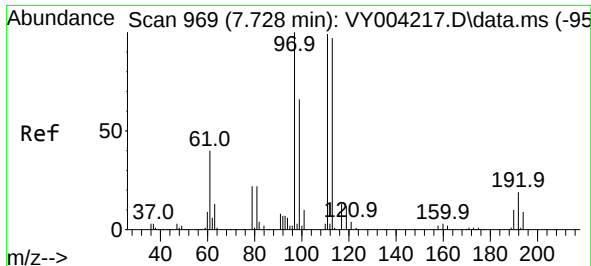
Tgt Ion: 65 Resp: 109691
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004320.D
 Acq: 07 Apr 2021 17:14

Tgt Ion: 114 Resp: 303813
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 15.6 0.0 30.8

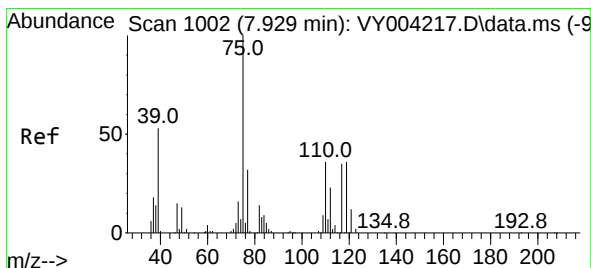
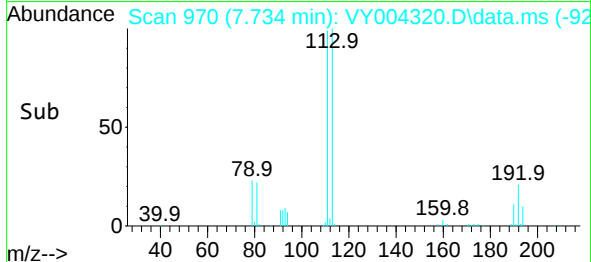
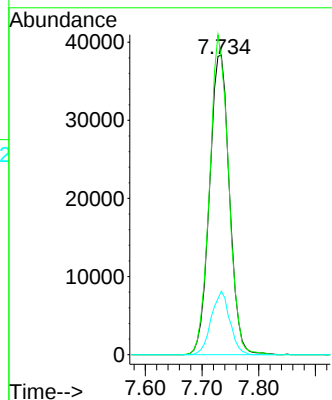
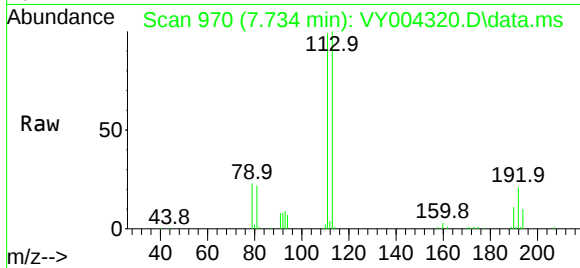




#35
Dibromofluoromethane
Concen: 55.32 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

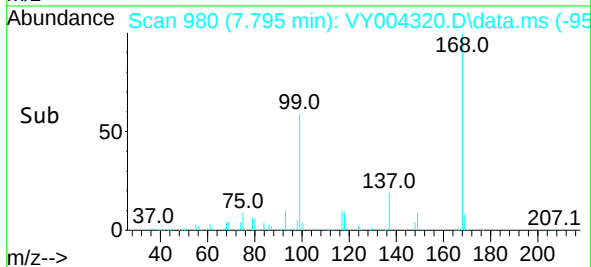
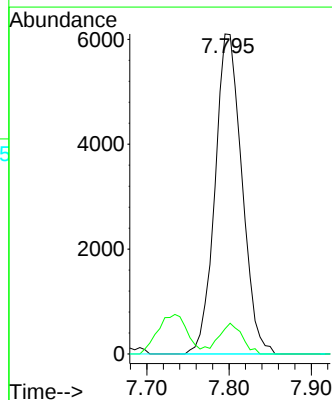
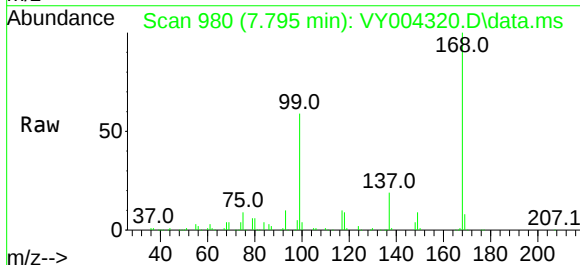
Instrument :
MSVOA_Y
ClientSampled :

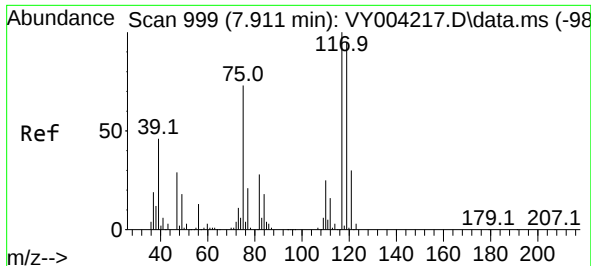
Tgt Ion:113 Resp: 93649
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.7 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

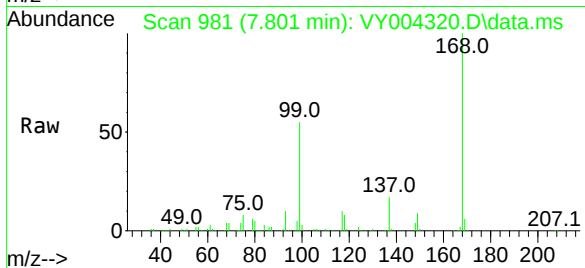
Tgt Ion: 75 Resp: 13858
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.3#
77 0.0 25.1 37.7#



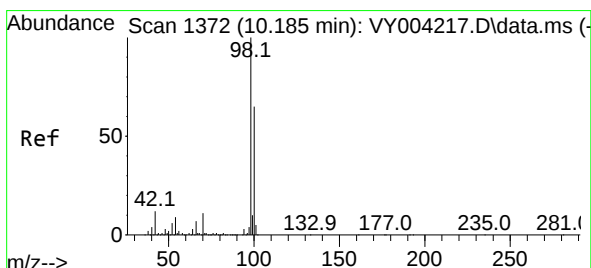
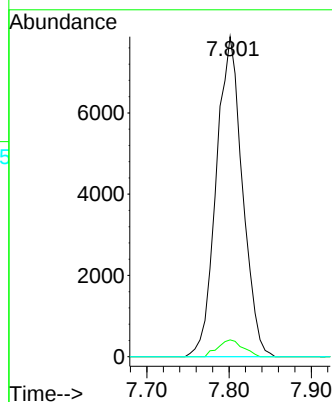
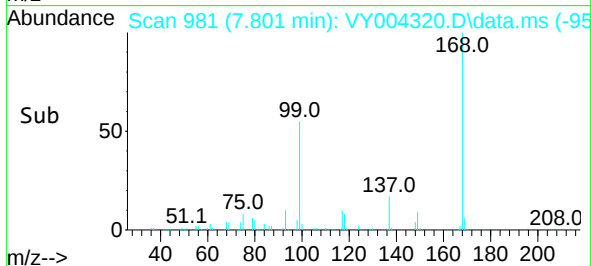


#38
Carbon Tetrachloride
Concen: 7.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

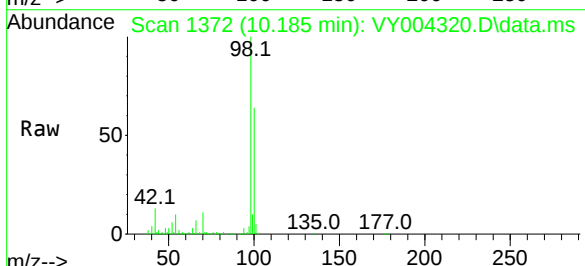
Instrument :
MSVOA_Y
ClientSampled :



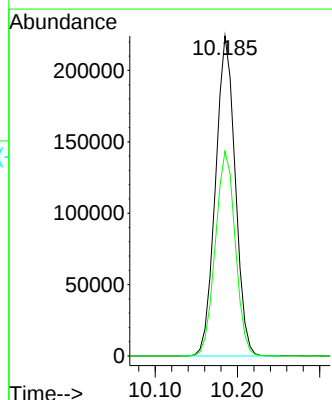
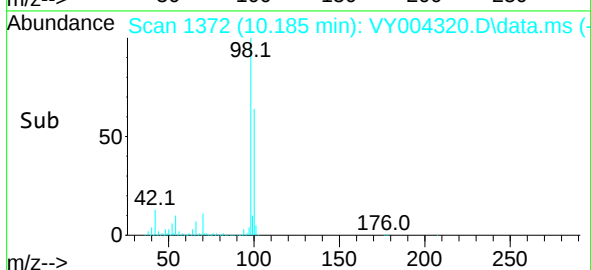
Tgt Ion:117 Resp: 17421
Ion Ratio Lower Upper
117 100
119 5.2 75.6 113.4#
121 0.0 24.3 36.5#

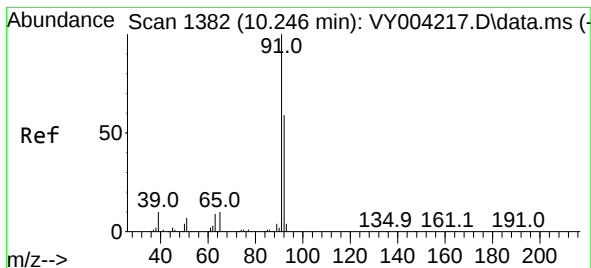


#50
Toluene-d8
Concen: 58.57 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14



Tgt Ion: 98 Resp: 372903
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





#52

Toluene

Concen: 2.43 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY004320.D

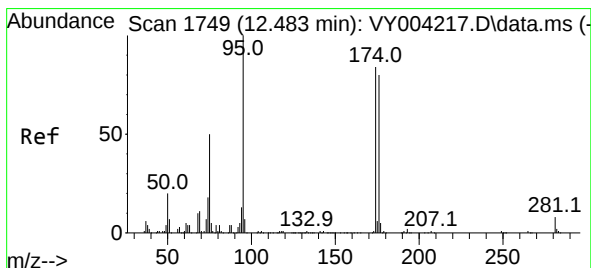
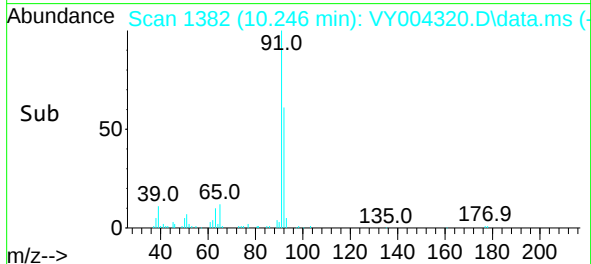
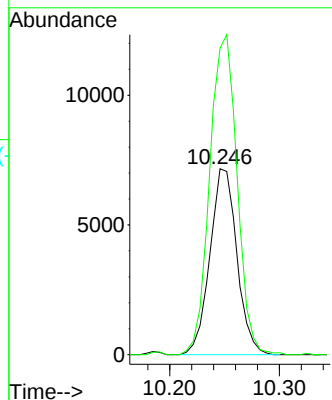
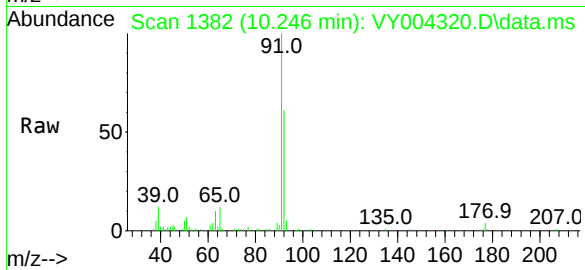
Acq: 07 Apr 2021 17:14

Tgt Ion: 92 Resp: 12258

Ion Ratio Lower Upper

92 100

91 174.5 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 59.38 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY004320.D

Acq: 07 Apr 2021 17:14

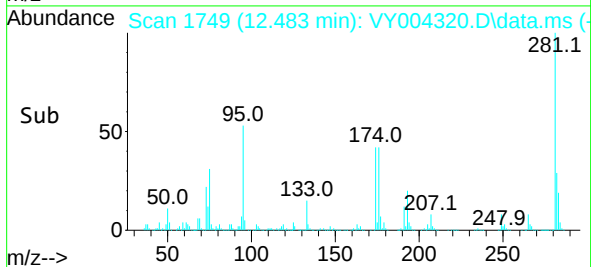
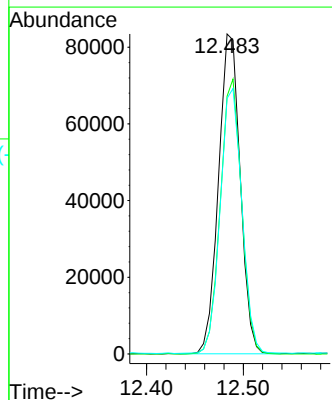
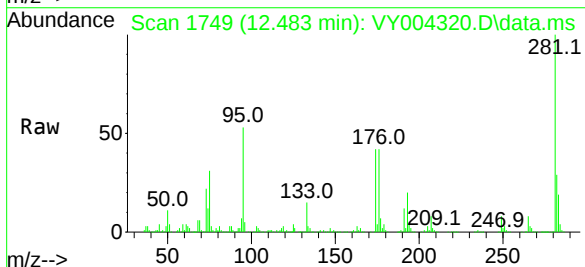
Tgt Ion: 95 Resp: 129566

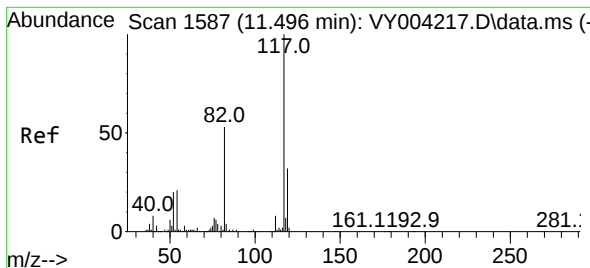
Ion Ratio Lower Upper

95 100

174 84.2 0.0 171.4

176 83.2 0.0 165.6

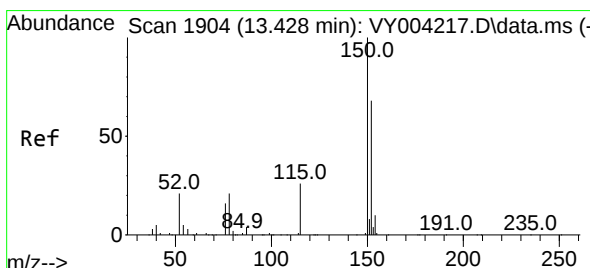
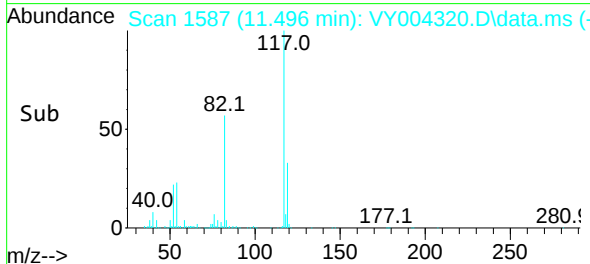
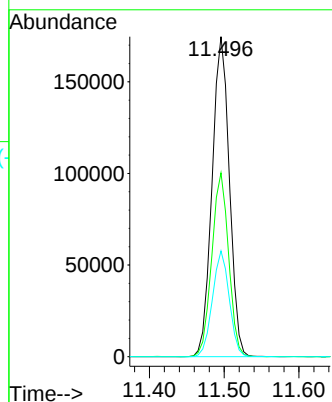
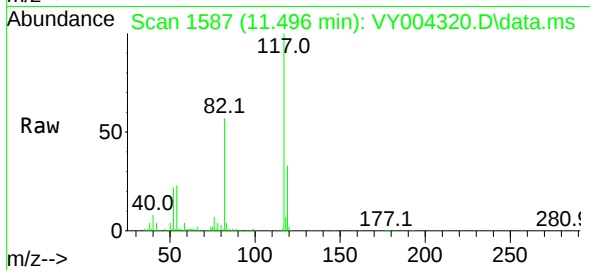




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

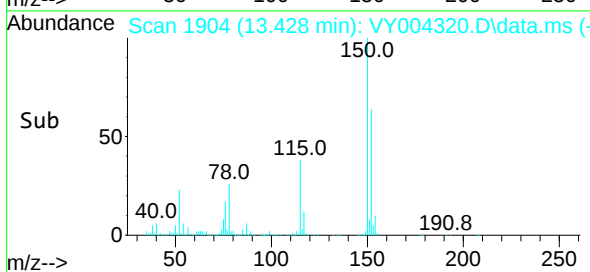
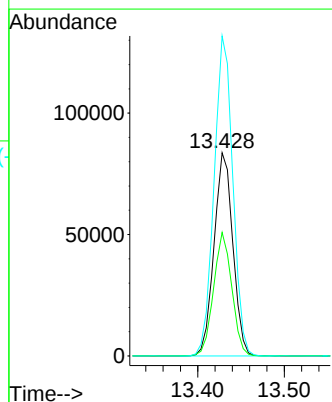
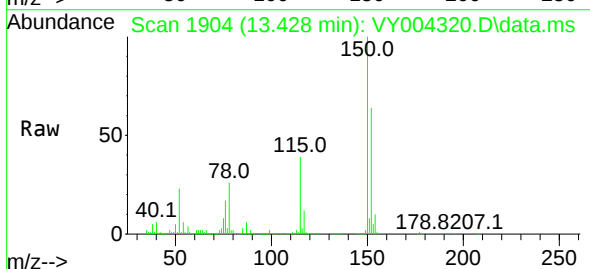
Instrument :
MSVOA_Y
ClientSampleId :

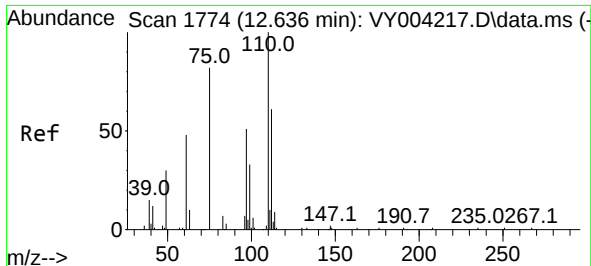
Tgt Ion:117 Resp: 281837
Ion Ratio Lower Upper
117 100
82 57.5 42.7 64.1
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

Tgt Ion:152 Resp: 126268
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.1
150 156.8 0.0 347.4

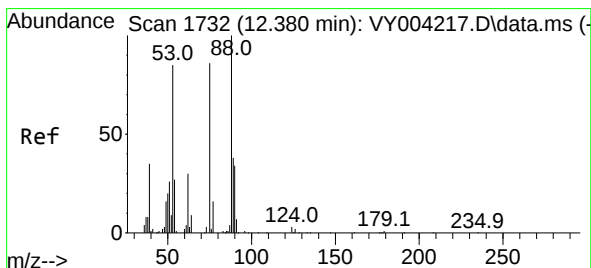
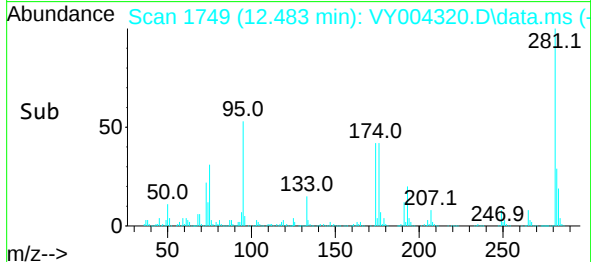
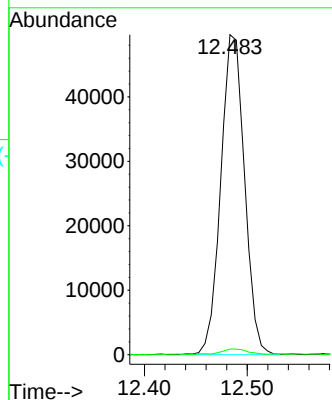
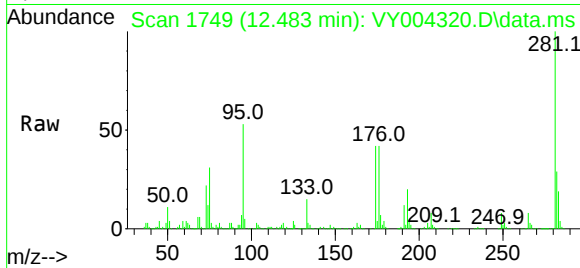




#76
1,2,3-Trichloropropane
Concen: 69.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

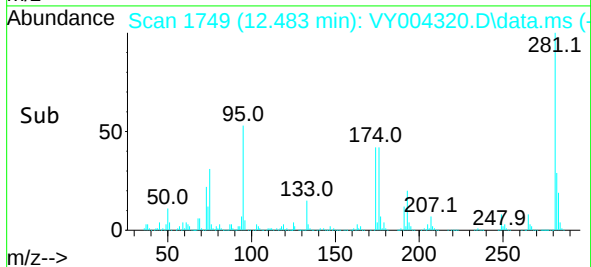
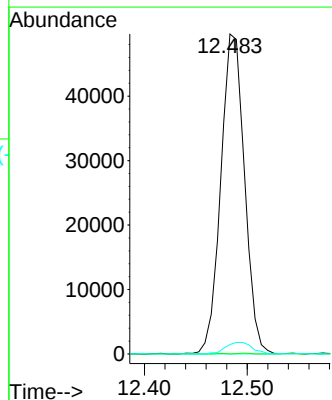
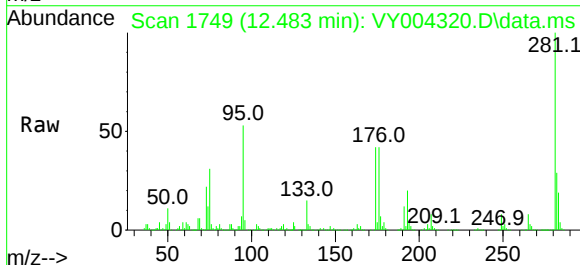
Instrument :
MSVOA_Y
ClientSampled :

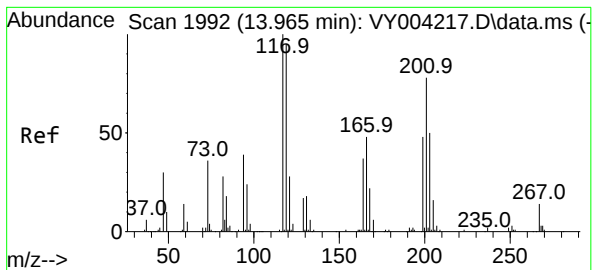
Tgt Ion: 75 Resp: 79547
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004320.D
Acq: 07 Apr 2021 17:14

Tgt Ion: 75 Resp: 79547
Ion Ratio Lower Upper
75 100
53 0.1 79.3 118.9#
89 0.0 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.58 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004320.D
 Acq: 07 Apr 2021 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:117 Resp: 260
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

