

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004369.D
 Acq On : 09 Apr 2021 19:38
 Operator : SY/MD
 Sample : M1993-02
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1

Quant Time: Apr 10 02:06:41 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)

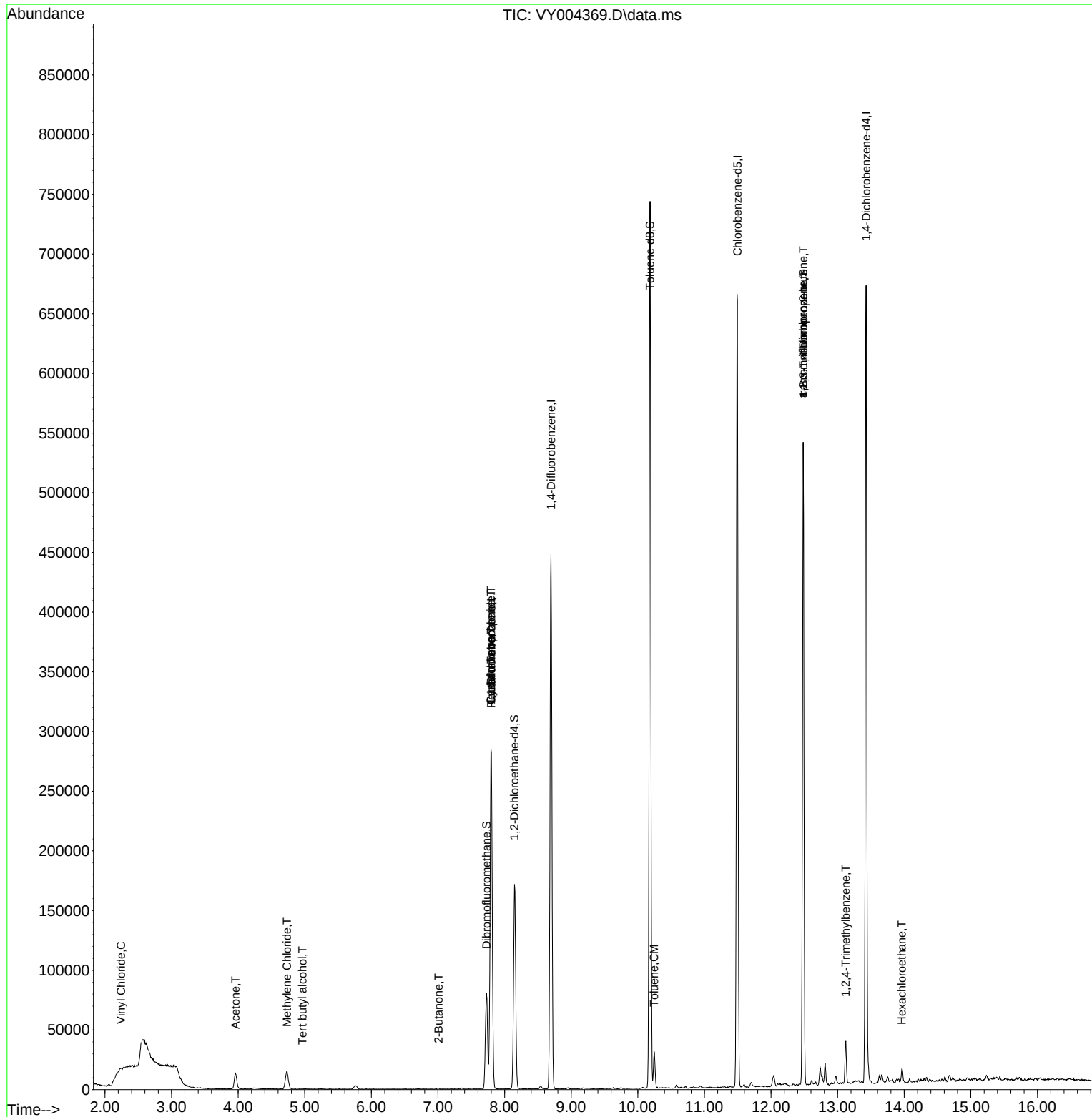
Internal Standards						
1) Pentafluorobenzene	7.801	168	219924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	376835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	349843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133540	63.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.32%
35) Dibromofluoromethane	7.728	113	56871	27.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.18%
50) Toluene-d8	10.185	98	462846	58.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.22%
62) 4-Bromofluorobenzene	12.483	95	159388	58.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.78%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.241	62	10615	3.70	ug/l #	42
11) Tert butyl alcohol	4.966	59	403	2.34	ug/l #	71
16) Acetone	3.960	43	23399	53.12	ug/l	98
20) Methylene Chloride	4.735	84	10853	2.64	ug/l	93
25) 2-Butanone	7.009	43	1206	1.64	ug/l	94
31) Cyclohexane	7.795	56	5375	1.44	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	17795	5.17	ug/l #	49
38) Carbon Tetrachloride	7.795	117	21932	7.33	ug/l #	16
52) Toluene	10.246	92	11788	1.88	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	86745	59.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86745	109.57	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.123	105	18533	1.93	ug/l	98
90) Hexachloroethane	13.965	117	354	7.60	ug/l #	12

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

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Quant Time: Apr 10 02:06:41 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

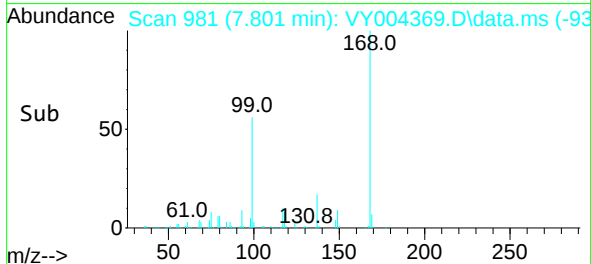
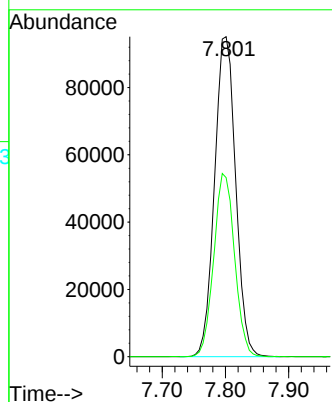
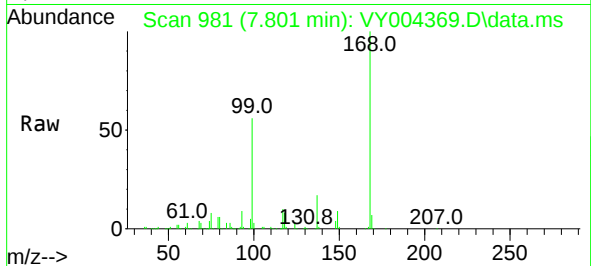




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

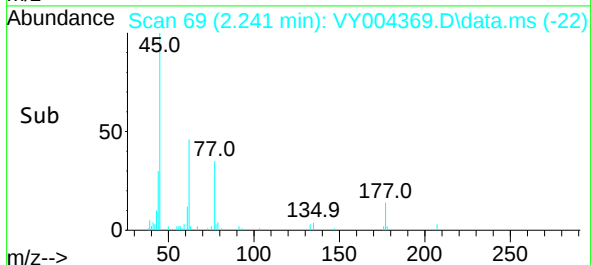
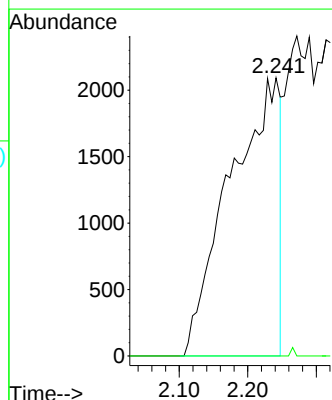
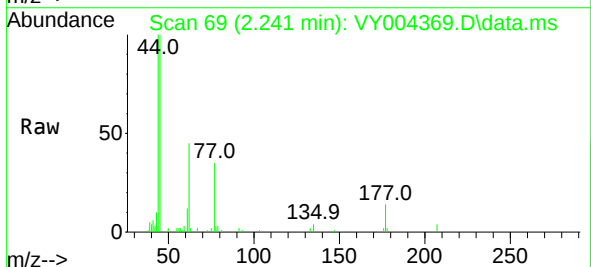
Instrument :
MSVOA_Y
ClientSampled :
T-1

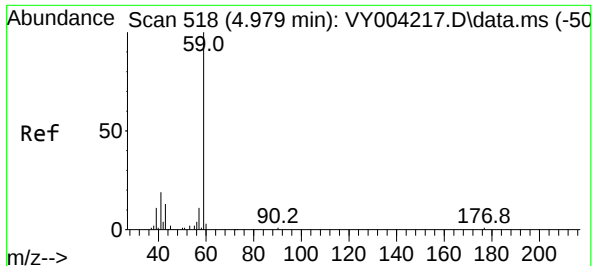
Tgt Ion:168 Resp: 219924
Ion Ratio Lower Upper
168 100
99 56.0 42.6 64.0



#4
Vinyl Chloride
Concen: 3.70 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 62 Resp: 10615
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



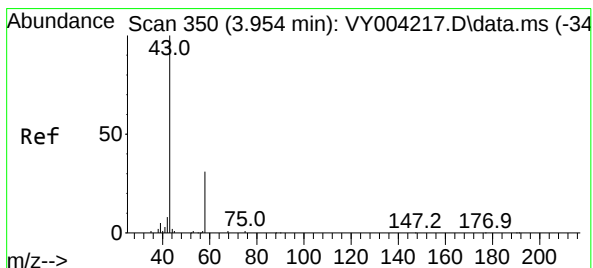
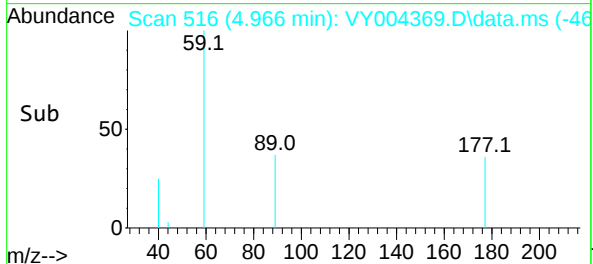
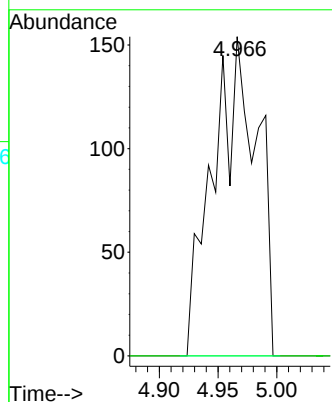
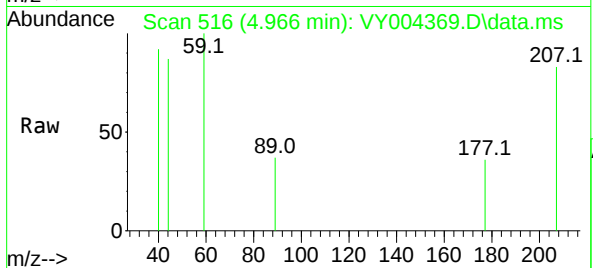


#11

Tert butyl alcohol
Concen: 2.34 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Instrument :
MSVOA_Y
ClientSampled :
T-1

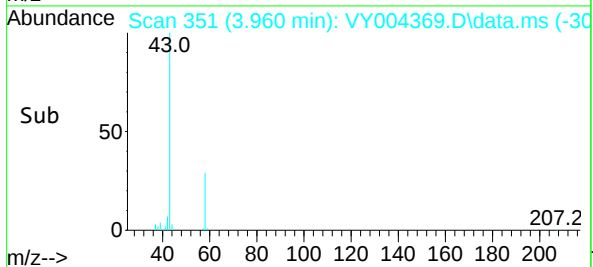
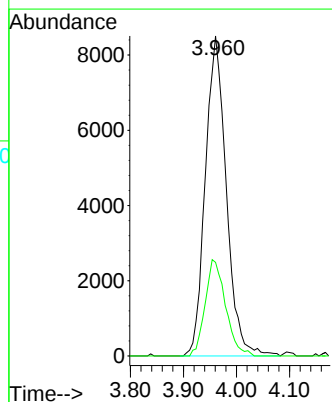
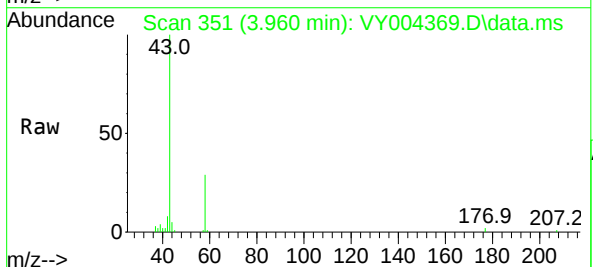
Tgt Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

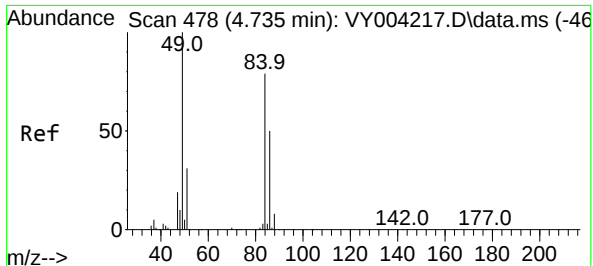


#16

Acetone
Concen: 53.12 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 43 Resp: 23399
Ion Ratio Lower Upper
43 100
58 29.3 24.5 36.7



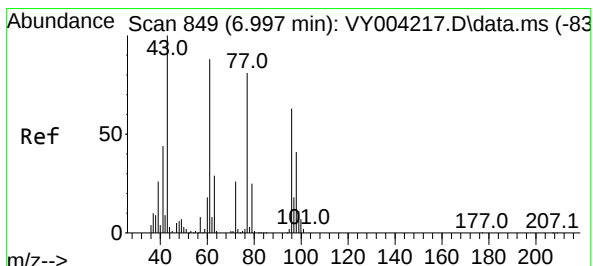
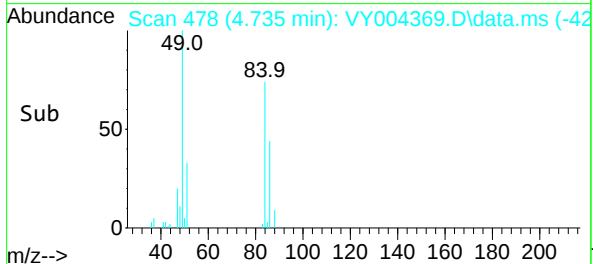
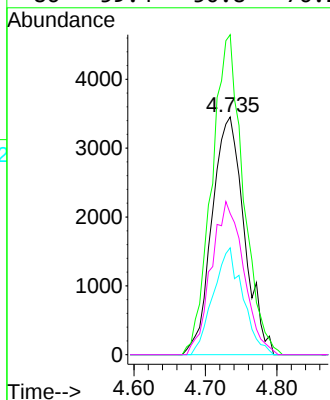
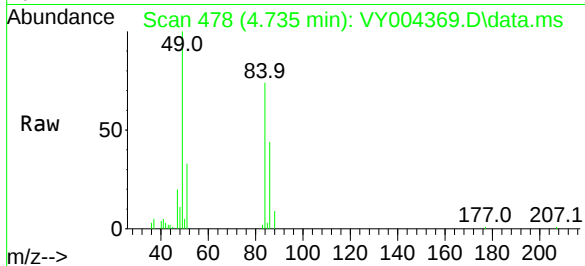


#20
Methylene Chloride
Concen: 2.64 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Instrument :
MSVOA_Y
ClientSampled :
T-1

Tgt Ion: 84 Resp: 10853

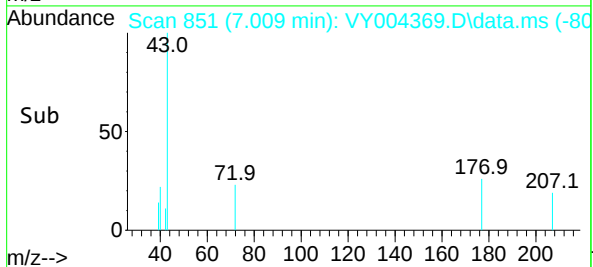
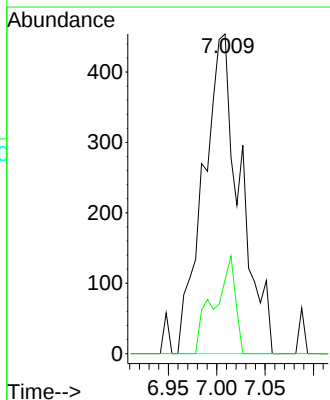
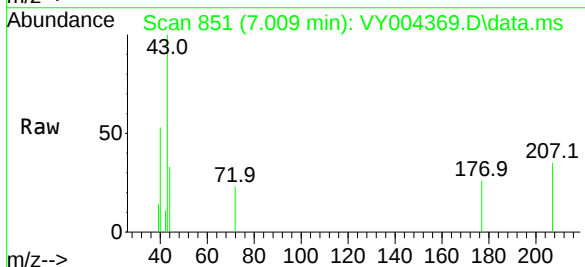
Ion	Ratio	Lower	Upper
84	100		
49	134.6	101.5	152.3
51	45.0	31.5	47.3
86	59.4	50.8	76.2

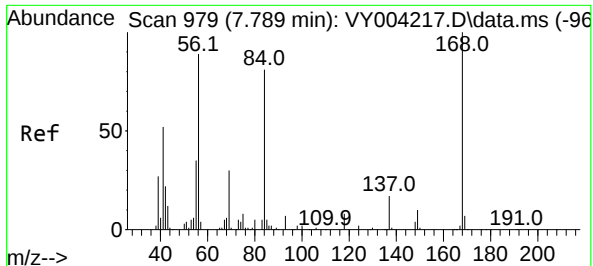


#25
2-Butanone
Concen: 1.64 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 43 Resp: 1206

Ion	Ratio	Lower	Upper
43	100		
72	23.1	21.0	31.6

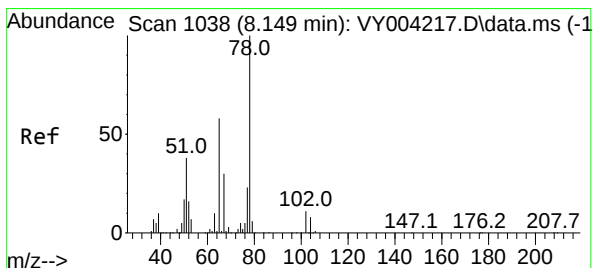
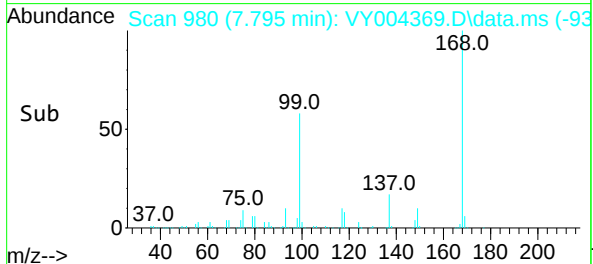
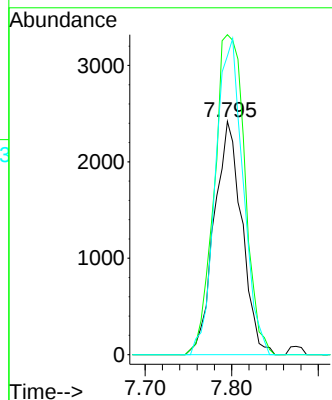
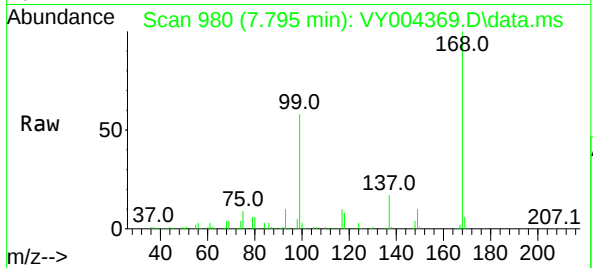




#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

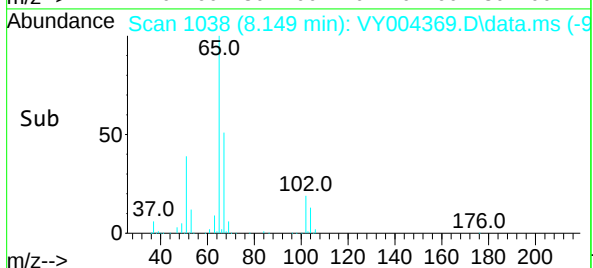
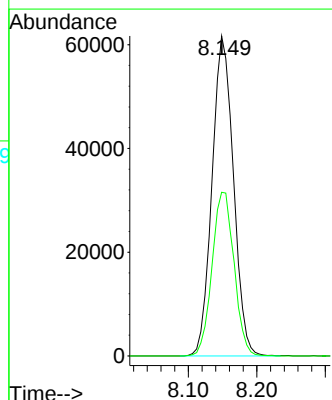
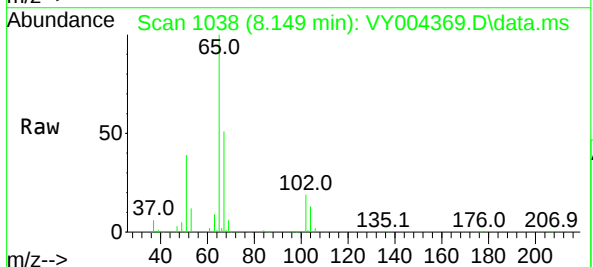
Instrument :
MSVOA_Y
ClientSampleId :
T-1

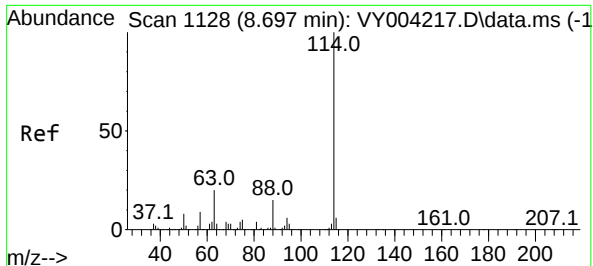
Tgt Ion: 56 Resp: 5375
Ion Ratio Lower Upper
56 100
69 137.2 26.6 40.0#
84 132.0 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 63.16 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 65 Resp: 133540
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: VY004369.D

Acq: 09 Apr 2021 19:38

Tgt Ion:114 Resp: 376835

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.4

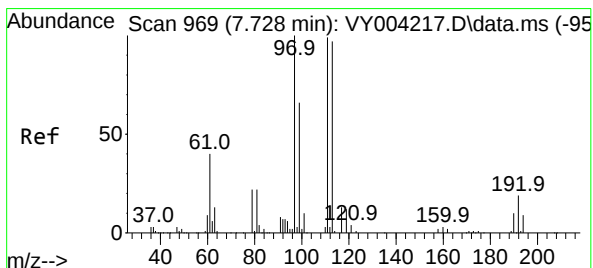
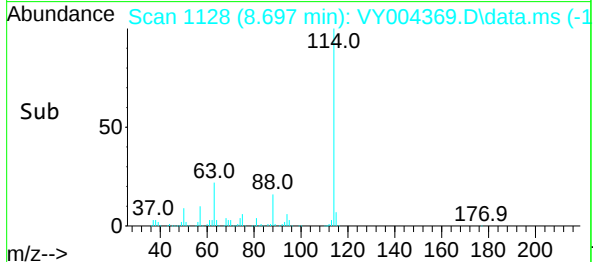
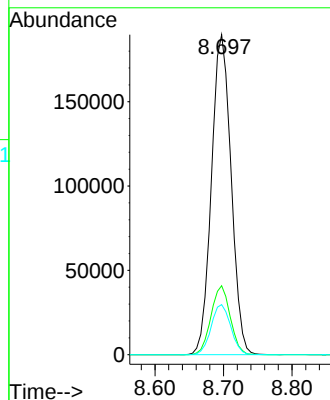
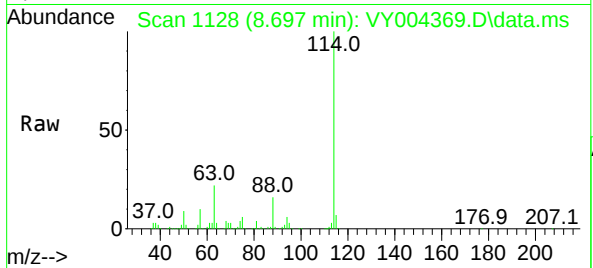
88 15.6 0.0 30.8

Instrument :

MSVOA_Y

ClientSampled :

T-1



#35

Dibromofluoromethane

Concen: 27.09 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004369.D

Acq: 09 Apr 2021 19:38

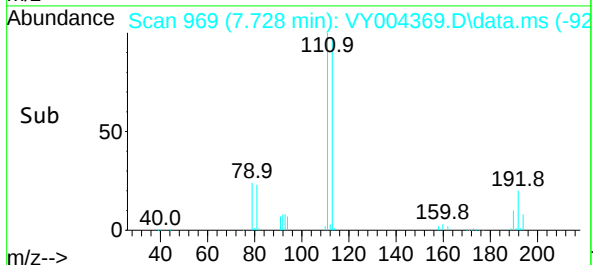
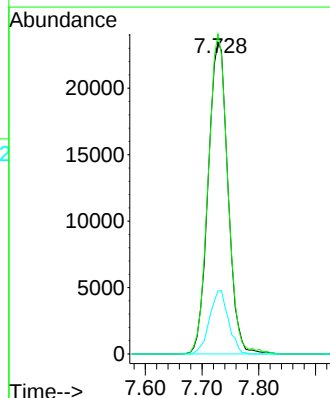
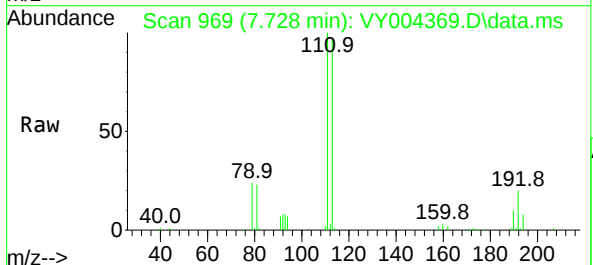
Tgt Ion:113 Resp: 56871

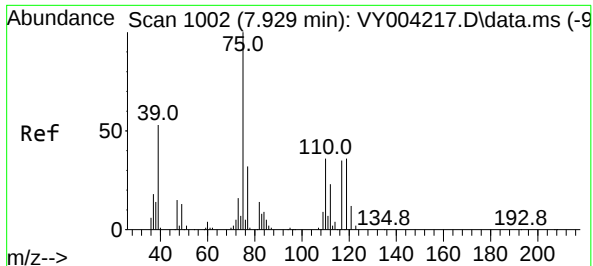
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 19.4 16.4 24.6





#36

1,1-Dichloropropene

Concen: 5.17 ug/l

RT: 7.795 min Scan# 980

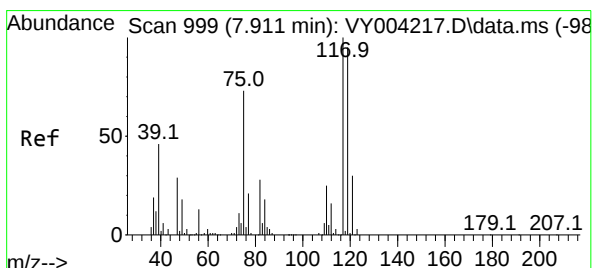
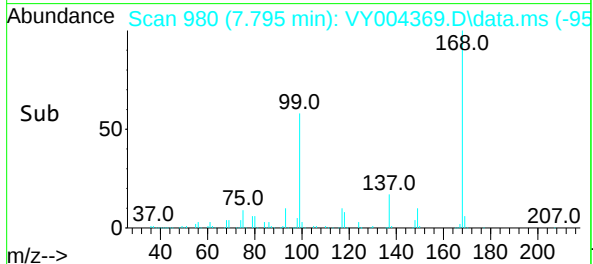
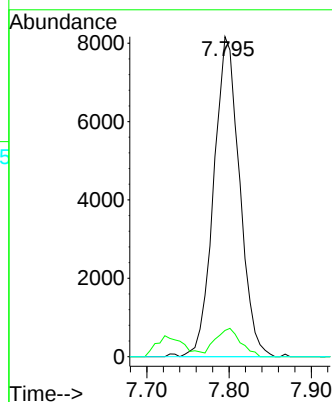
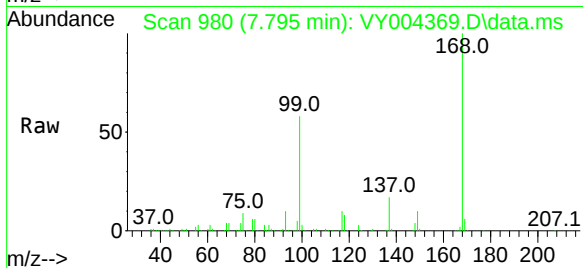
Delta R.T. -0.134 min

Lab File: VY004369.D

Acq: 09 Apr 2021 19:38

Instrument :
MSVOA_Y
ClientSampled :
T-1

Tgt Ion: 75	Resp: 17795
Ion Ratio	Lower Upper
75 100	
110 8.6	18.1 54.3#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.33 ug/l

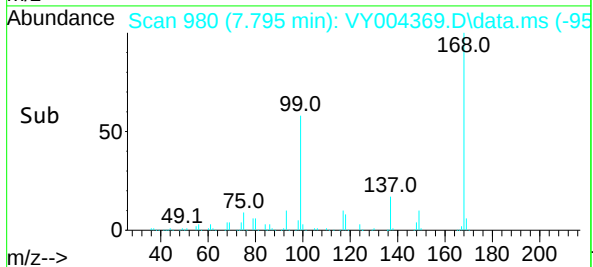
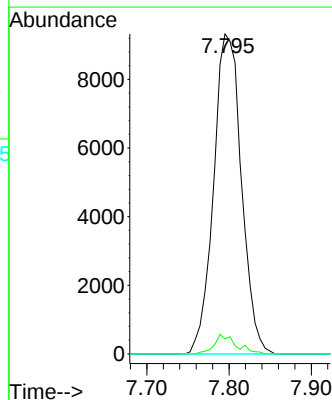
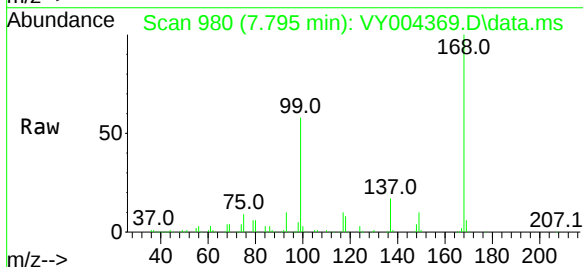
RT: 7.795 min Scan# 980

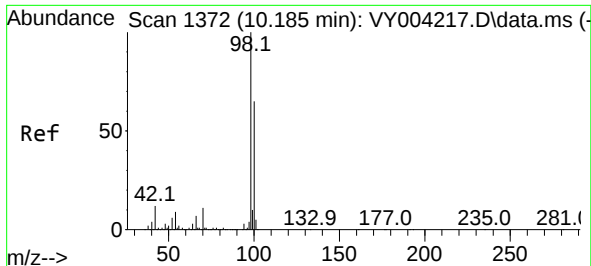
Delta R.T. -0.116 min

Lab File: VY004369.D

Acq: 09 Apr 2021 19:38

Tgt Ion: 117	Resp: 21932
Ion Ratio	Lower Upper
117 100	
119 4.7	75.6 113.4#
121 0.0	24.3 36.5#

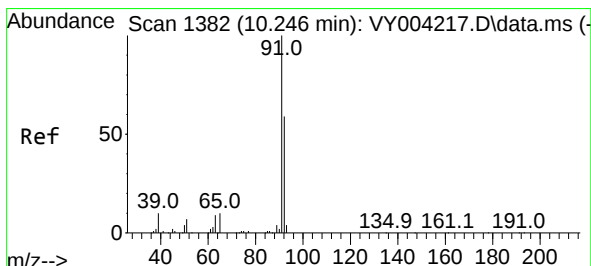
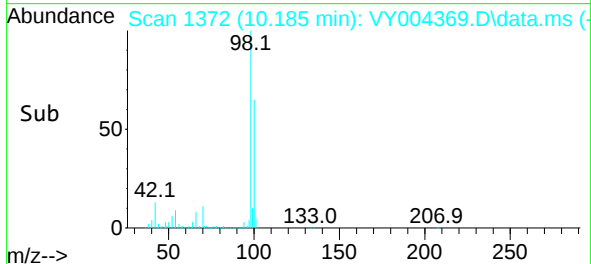
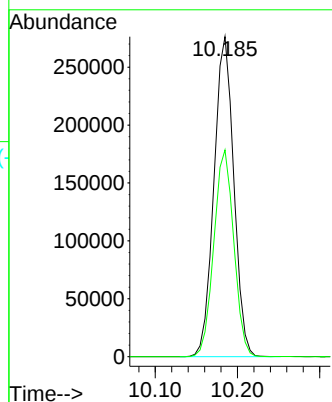
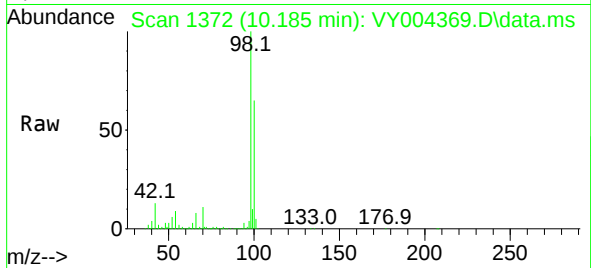




#50
Toluene-d8
Concen: 58.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

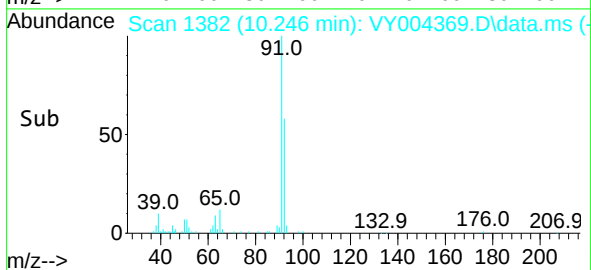
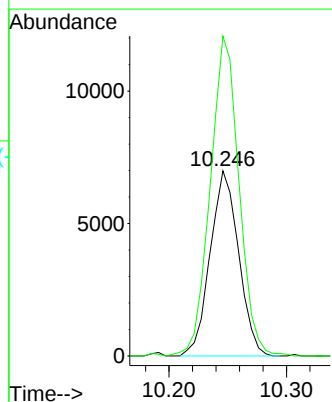
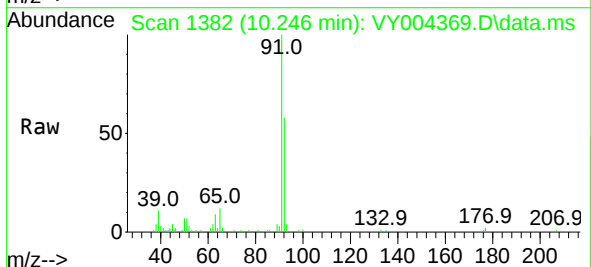
Instrument :
MSVOA_Y
ClientSampled :
T-1

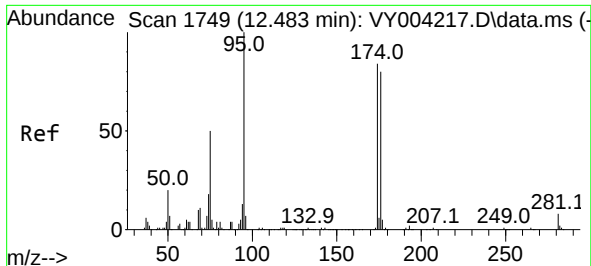
Tgt Ion: 98 Resp: 462846
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#52
Toluene
Concen: 1.88 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 92 Resp: 11788
Ion Ratio Lower Upper
92 100
91 174.1 136.0 204.0

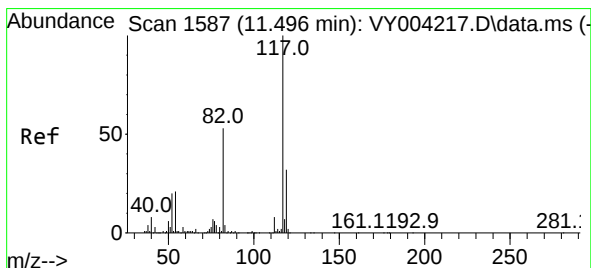
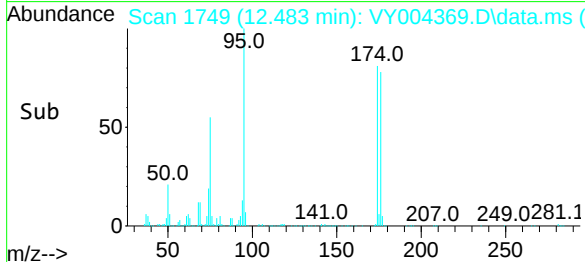
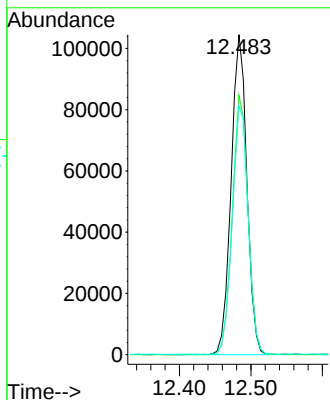
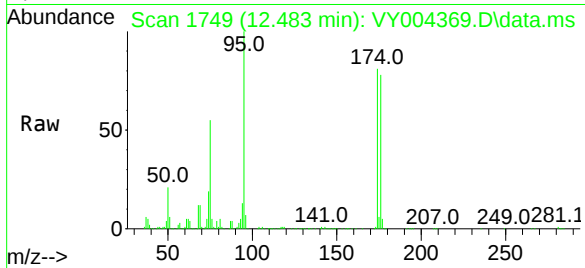




#62
4-Bromofluorobenzene
Concen: 58.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

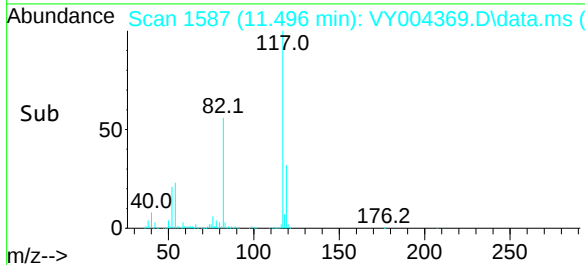
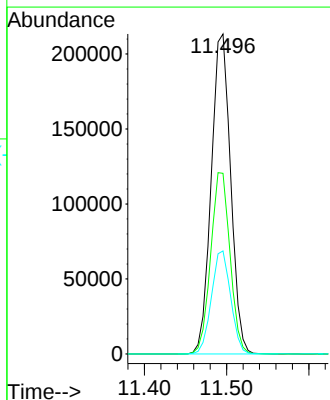
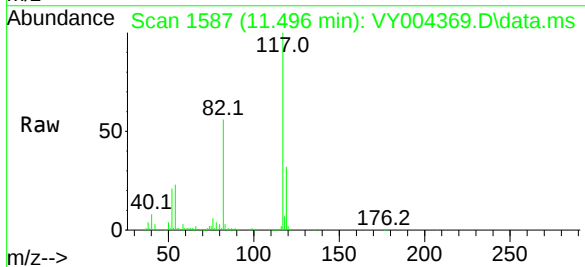
Instrument :
MSVOA_Y
ClientSampled :
T-1

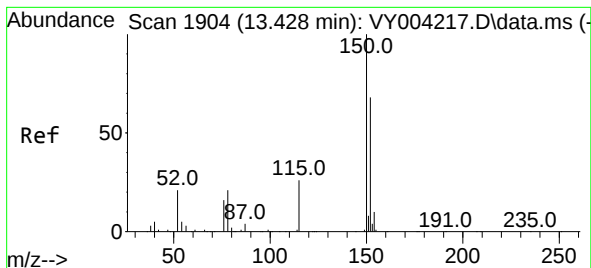
Tgt Ion: 95 Resp: 159388
Ion Ratio Lower Upper
95 100
174 81.3 0.0 171.4
176 78.6 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 117 Resp: 349843
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 32.2 25.7 38.5

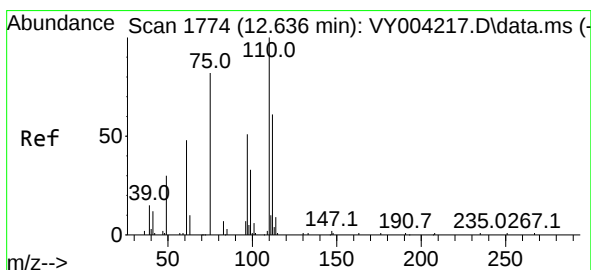
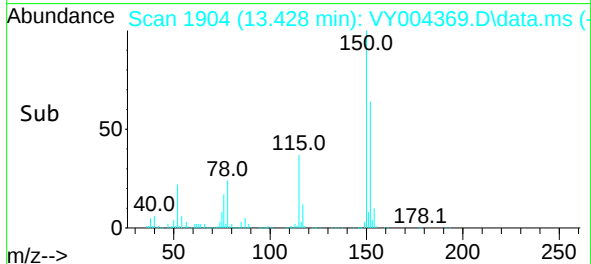
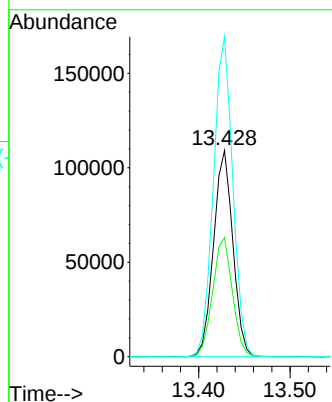
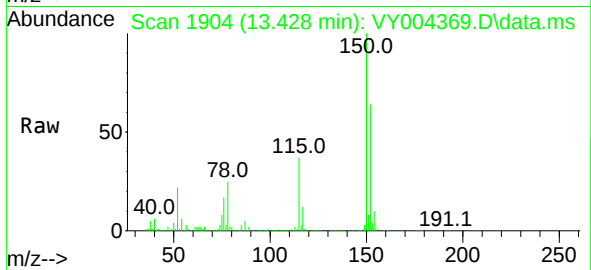




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004369.D
 Acq: 09 Apr 2021 19:38

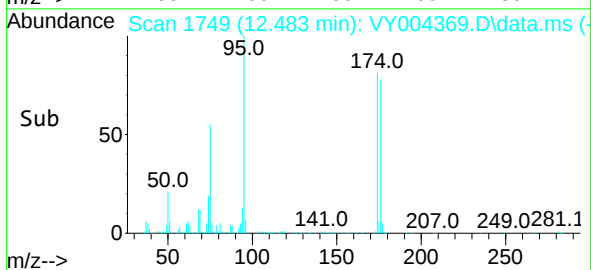
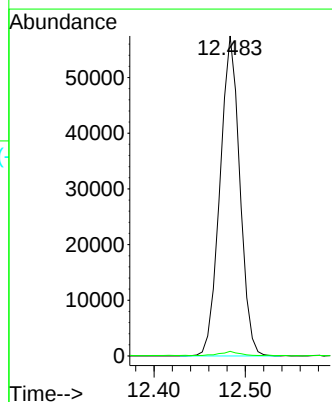
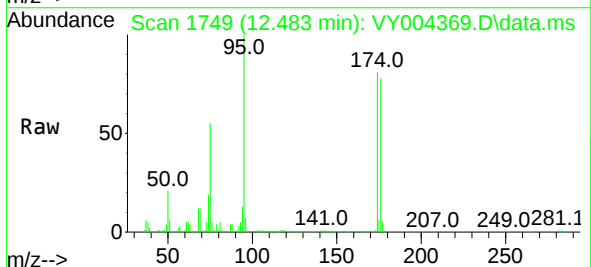
Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1

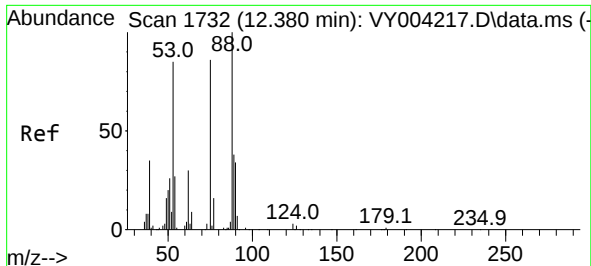
Tgt Ion:152 Resp: 160689
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.0 87.1
 150 155.8 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 59.45 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004369.D
 Acq: 09 Apr 2021 19:38

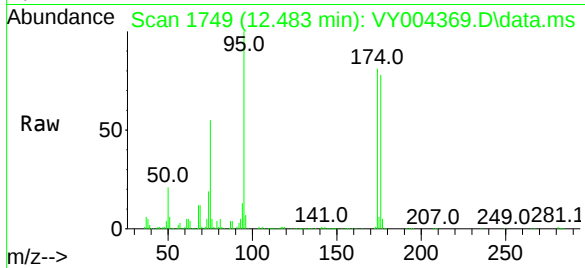
Tgt Ion: 75 Resp: 86745
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



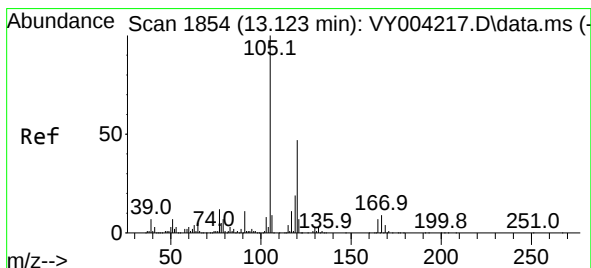
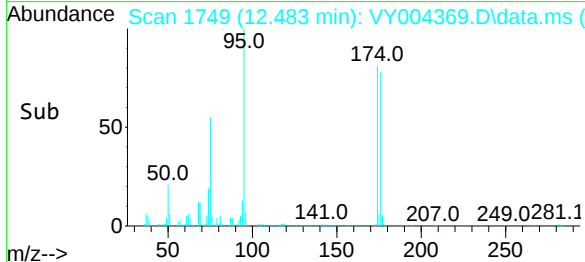
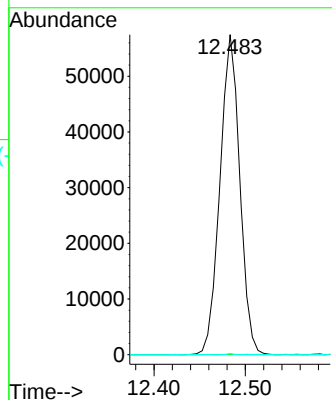


#81
trans-1,4-Dichloro-2-butene
Concen: 109.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Instrument :
MSVOA_Y
ClientSampled :
T-1

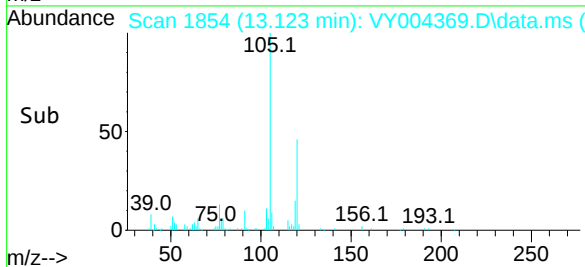
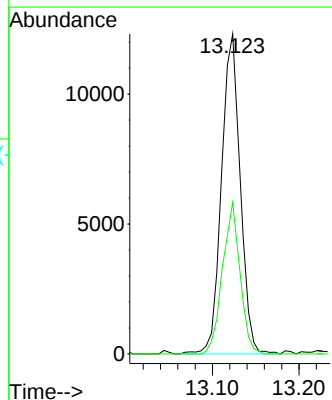
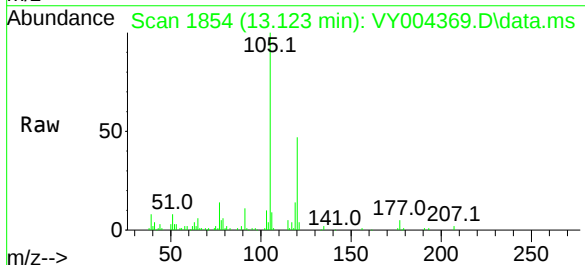


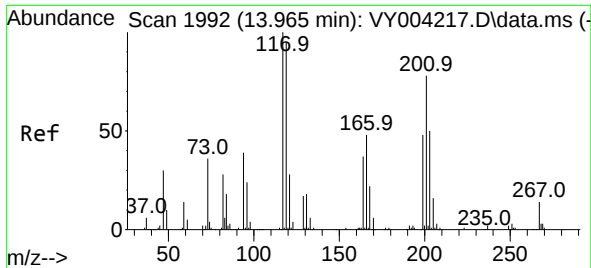
Tgt Ion: 75 Resp: 86745
Ion Ratio Lower Upper
75 100
53 0.1 79.3 118.9#
89 0.1 39.4 59.2#



#84
1,2,4-Trimethylbenzene
Concen: 1.93 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 105 Resp: 18533
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.7





#90
 Hexachloroethane
 Concen: 7.60 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VY004369.D
 Acq: 09 Apr 2021 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1

Tgt Ion:117 Resp: 354
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

