

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004257.D
 Acq On : 02 Apr 2021 13:06
 Operator : SY/MD
 Sample : M1897-03
 Misc : 7.39g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Apr 02 22:59:11 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)

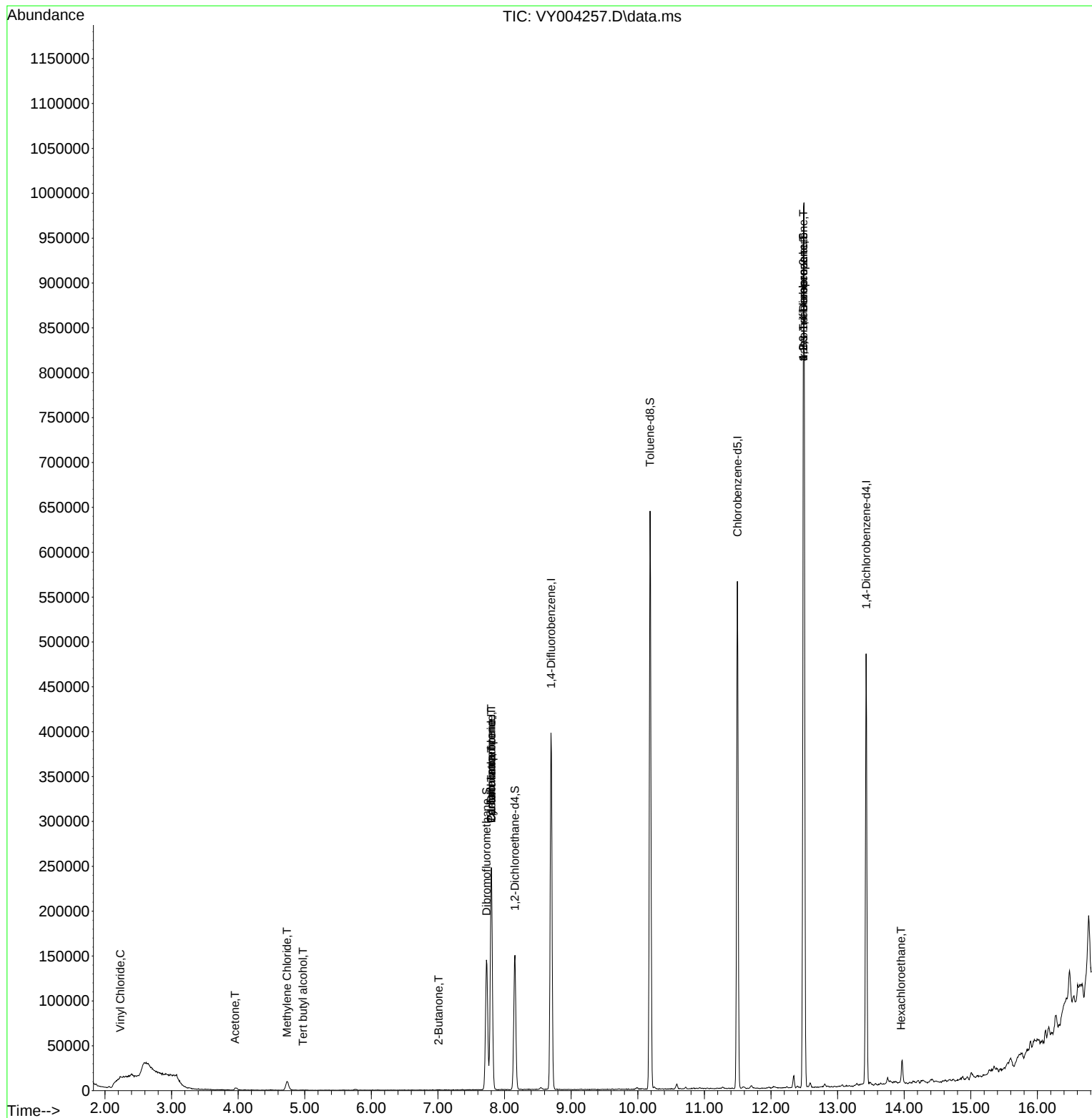
Internal Standards						
1) Pentafluorobenzene	7.801	168	191559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	329828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	294386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	114908	62.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.80%
35) Dibromofluoromethane	7.728	113	101170	55.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.10%
50) Toluene-d8	10.185	98	398298	57.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.24%
62) 4-Bromofluorobenzene	12.483	95	127771	53.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.88%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	7812	3.13	ug/l #	42
11) Tert butyl alcohol	4.973	59	627	4.18	ug/l #	71
13) Acrolein	3.741	56	158	Below Cal	#	1
16) Acetone	3.954	43	4531	11.81	ug/l	97
20) Methylene Chloride	4.735	84	6810	1.16	ug/l	87
25) 2-Butanone	7.009	43	760	1.19	ug/l #	49
31) Cyclohexane	7.801	56	4181	1.28	ug/l #	7
36) 1,1-Dichloropropene	7.801	75	14790	4.91	ug/l #	48
38) Carbon Tetrachloride	7.801	117	18670	7.13	ug/l #	16
49) 1,4-Dioxane	9.307	88	157	Below Cal	#	29
76) 1,2,3-Trichloropropane	12.483	75	74909	71.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74909	132.36	ug/l #	11
90) Hexachloroethane	13.953	117	98	7.41	ug/l #	12

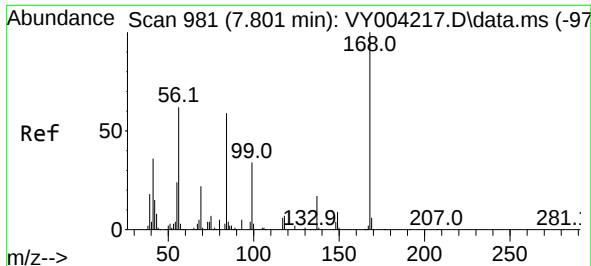
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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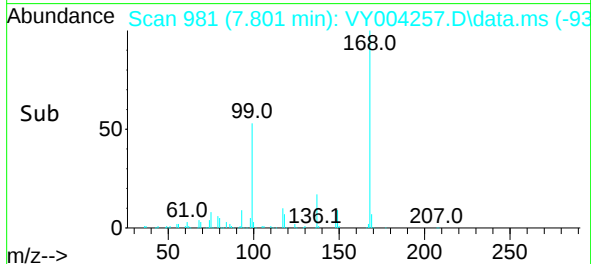
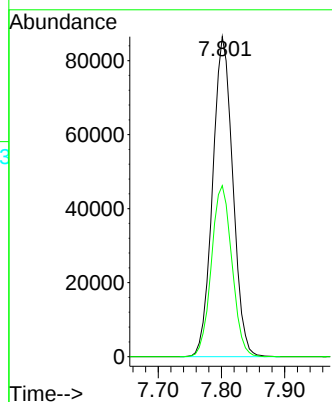
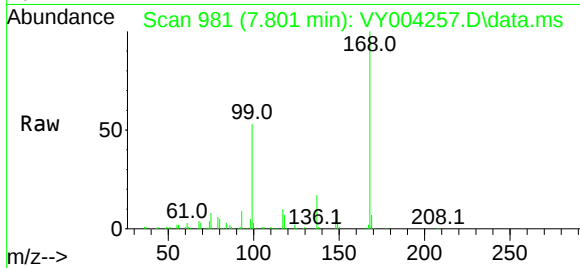




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

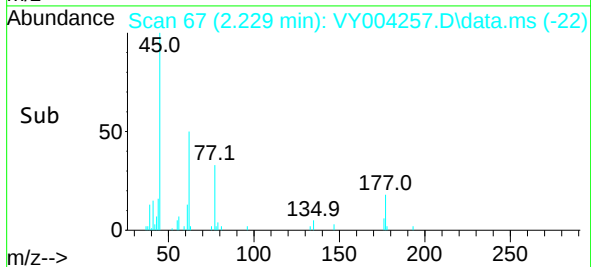
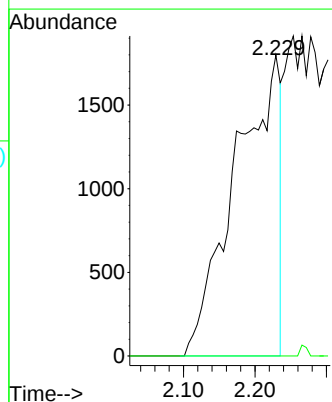
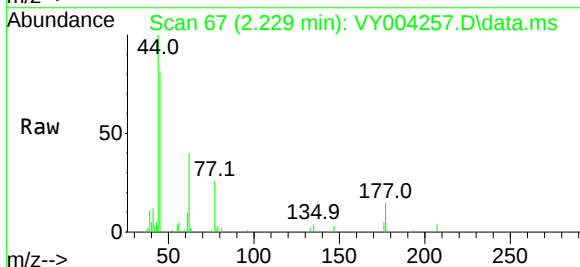
Instrument :
MSVOA_Y
ClientSampled :
TP-2

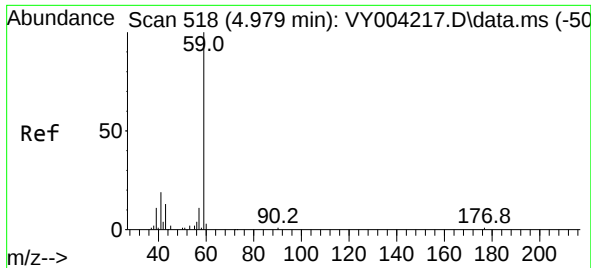
Tgt Ion:168 Resp: 191559
Ion Ratio Lower Upper
168 100
99 53.5 42.6 64.0



#4
Vinyl Chloride
Concen: 3.13 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.024 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

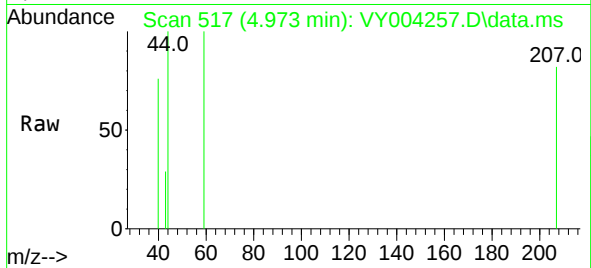
Tgt Ion: 62 Resp: 7812
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



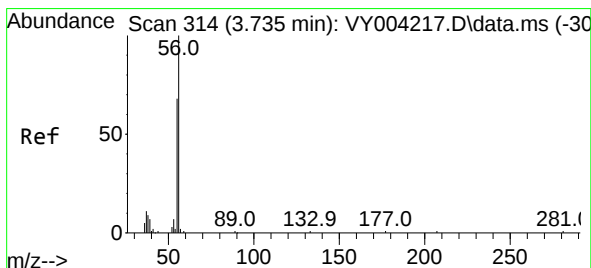
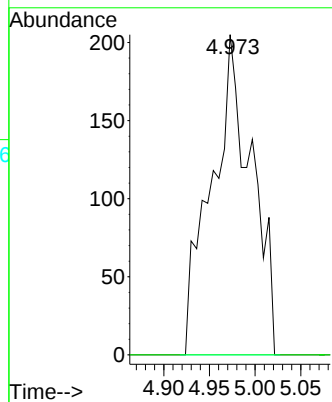
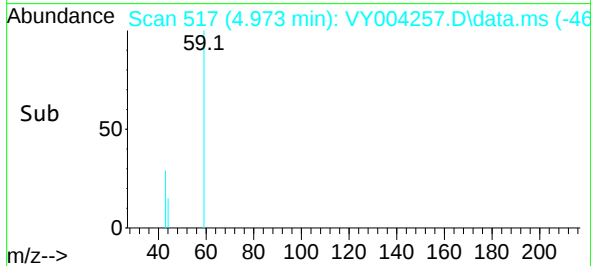


#11
Tert butyl alcohol
Concen: 4.18 ug/l
RT: 4.973 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

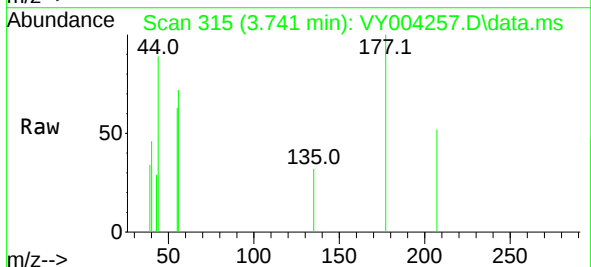
Instrument :
MSVOA_Y
ClientSampled :
TP-2



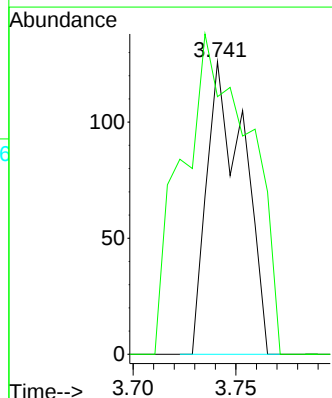
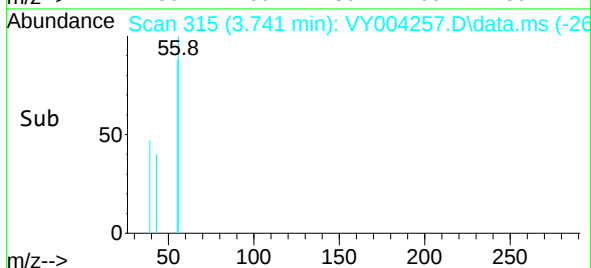
Tgt Ion: 59 Resp: 627
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

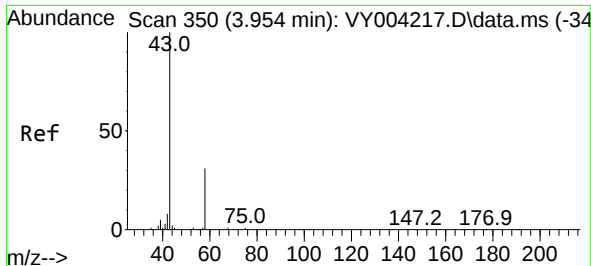


#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06



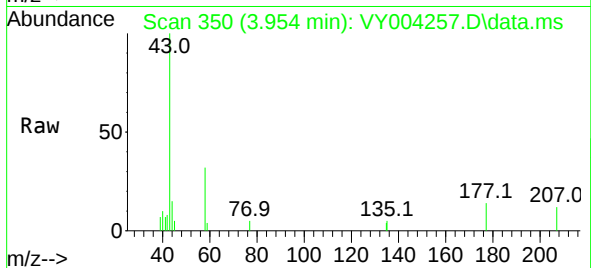
Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 199.4 55.0 82.4#



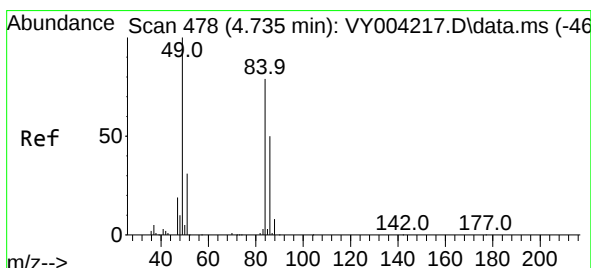
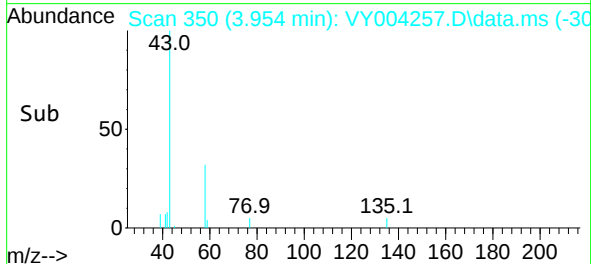
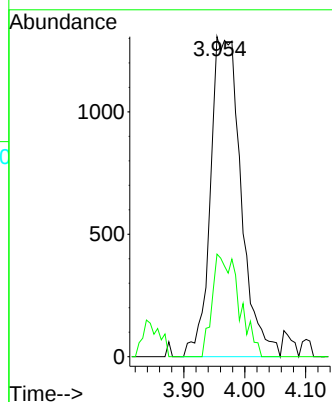


#16
Acetone
Concen: 11.81 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

Instrument :
MSVOA_Y
ClientSampled :
TP-2

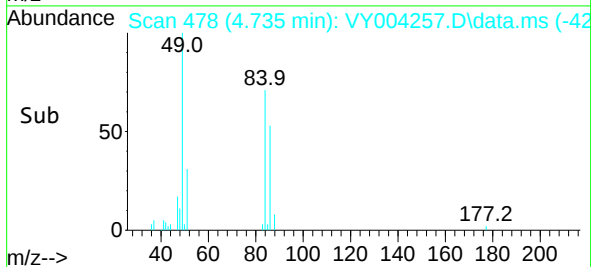
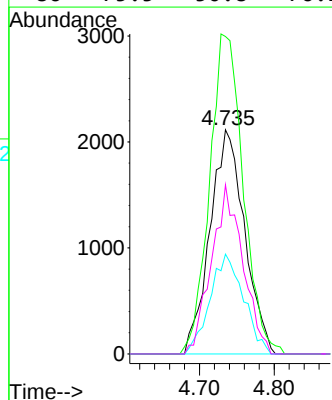
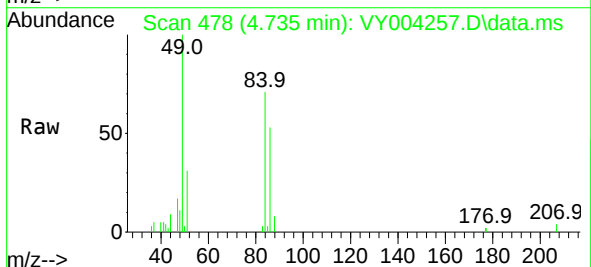


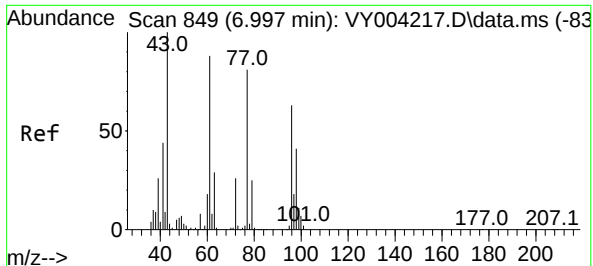
Tgt Ion: 43 Resp: 4531
Ion Ratio Lower Upper
43 100
58 32.1 24.5 36.7



#20
Methylene Chloride
Concen: 1.16 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

Tgt Ion: 84 Resp: 6810
Ion Ratio Lower Upper
84 100
49 141.7 101.5 152.3
51 44.5 31.5 47.3
86 75.5 50.8 76.2





#25

2-Butanone

Concen: 1.19 ug/l

RT: 7.009 min Scan# 851

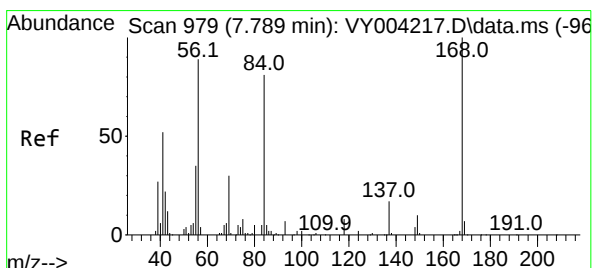
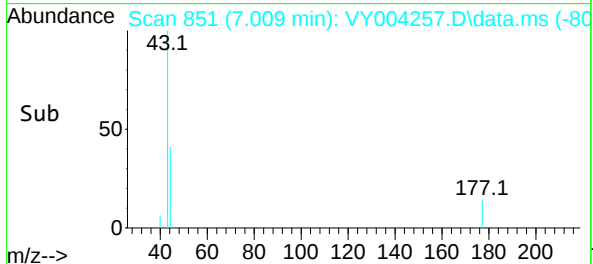
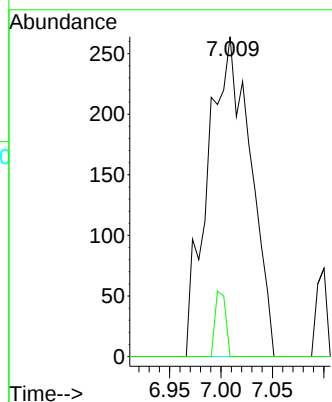
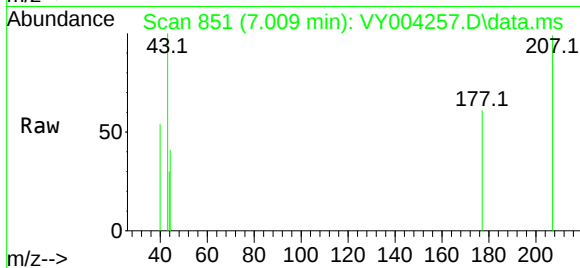
Delta R.T. 0.012 min

Lab File: VY004257.D

Acq: 02 Apr 2021 13:06

Instrument :
MSVOA_Y
ClientSampled :
TP-2

Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31

Cyclohexane

Concen: 1.28 ug/l

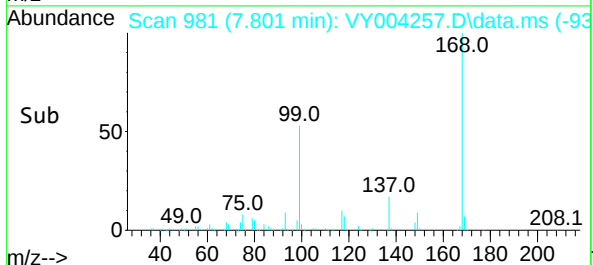
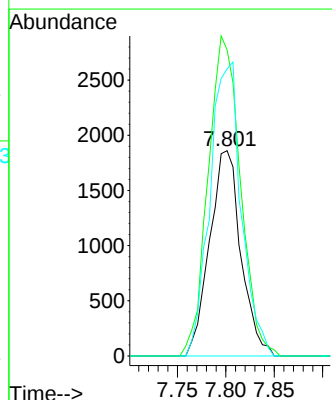
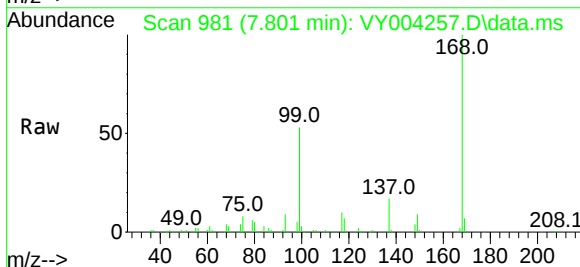
RT: 7.801 min Scan# 981

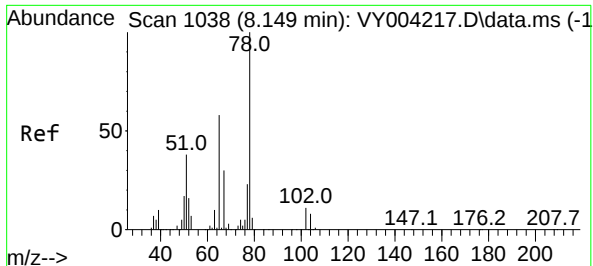
Delta R.T. 0.012 min

Lab File: VY004257.D

Acq: 02 Apr 2021 13:06

Tgt Ion: 56 Resp: 4181
Ion Ratio Lower Upper
56 100
69 149.1 26.6 40.0#
84 139.8 72.3 108.5#

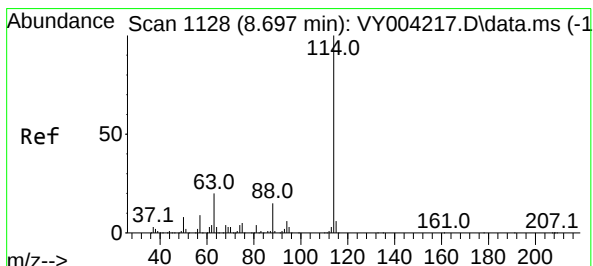
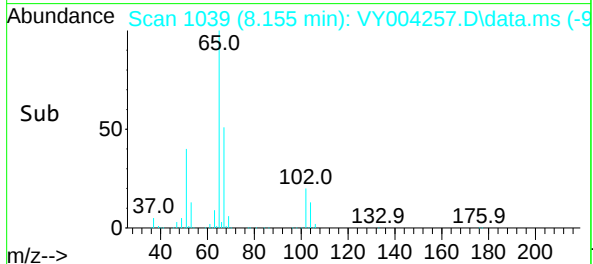
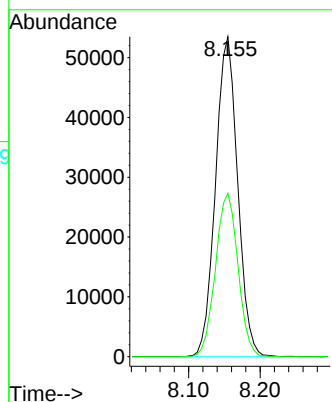
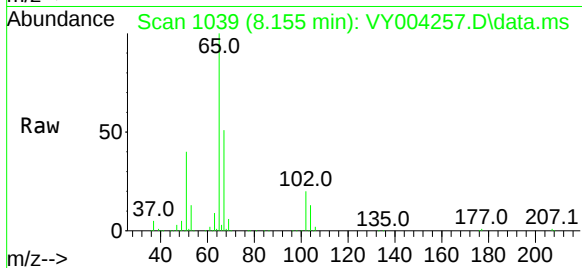




#33
1,2-Dichloroethane-d4
Concen: 62.40 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

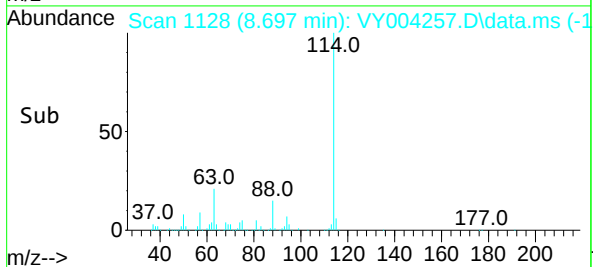
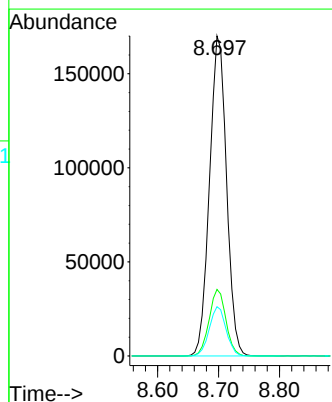
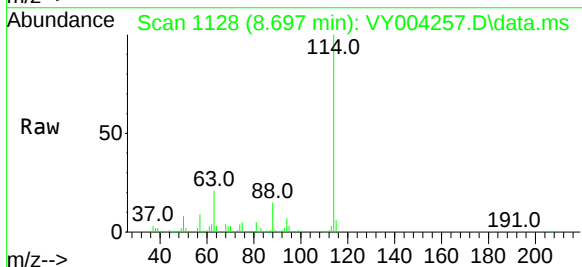
Instrument :
MSVOA_Y
ClientSampled :
TP-2

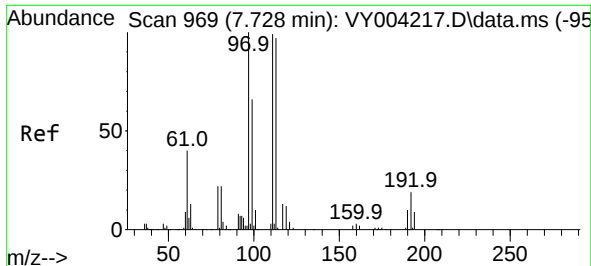
Tgt Ion: 65 Resp: 114908
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

Tgt Ion: 114 Resp: 329828
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 15.4 0.0 30.8

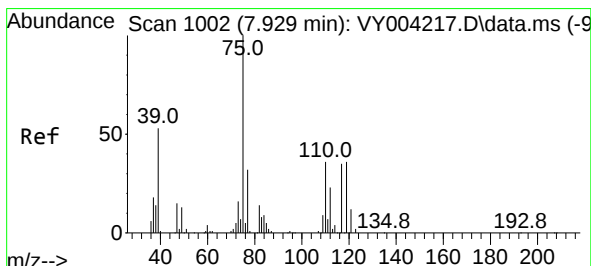
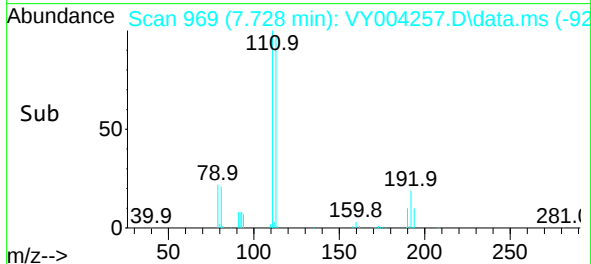
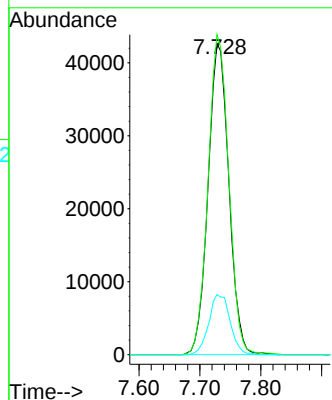
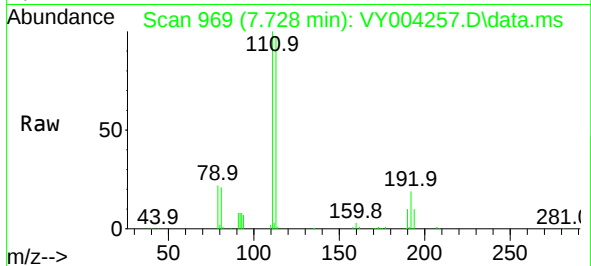




#35
Dibromofluoromethane
Concen: 55.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

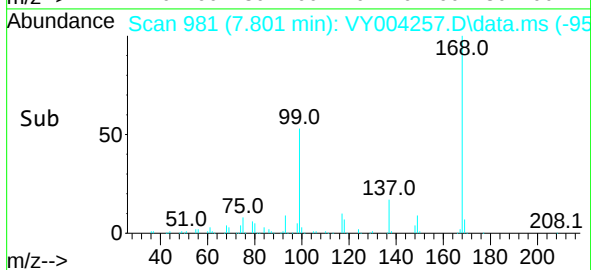
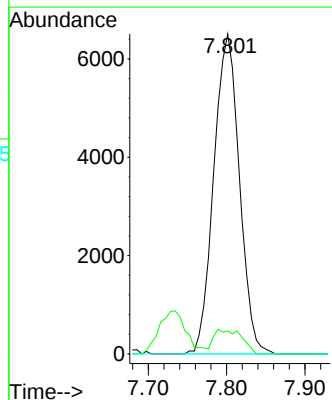
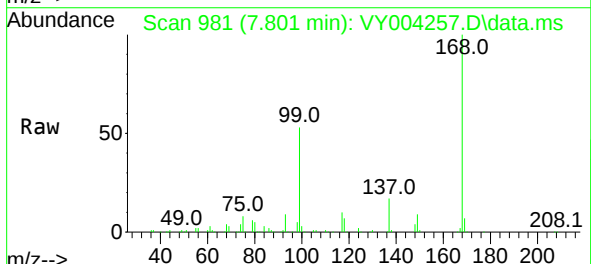
Instrument :
MSVOA_Y
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TP-2

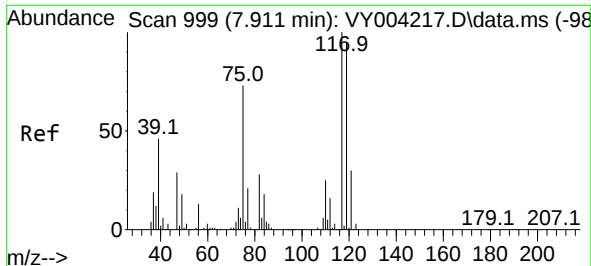
Tgt Ion:113 Resp: 101170
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.8 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

Tgt Ion: 75 Resp: 14790
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.3#
77 0.0 25.1 37.7#

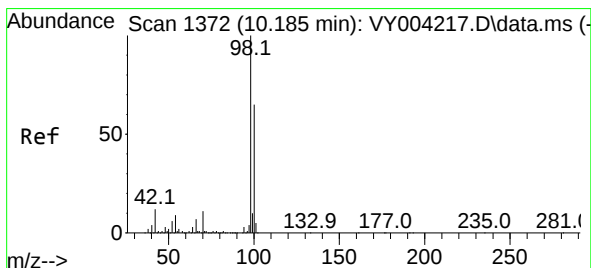
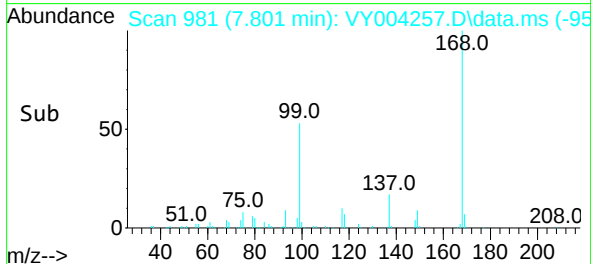
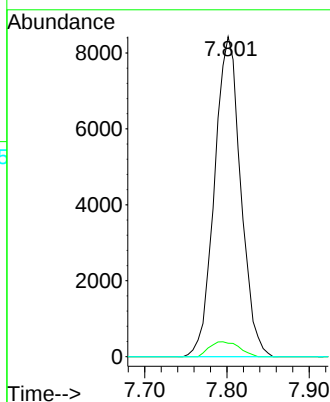
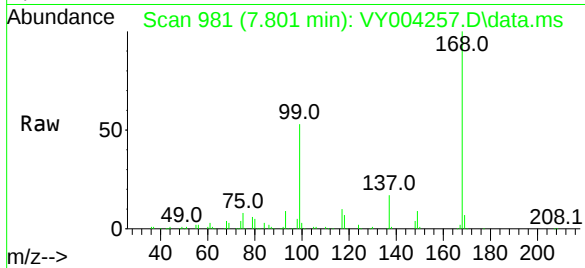




#38
Carbon Tetrachloride
Concen: 7.13 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

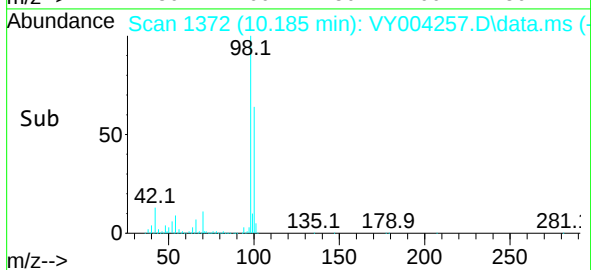
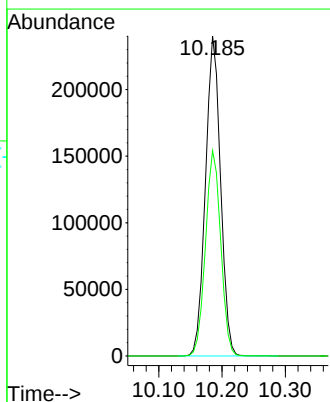
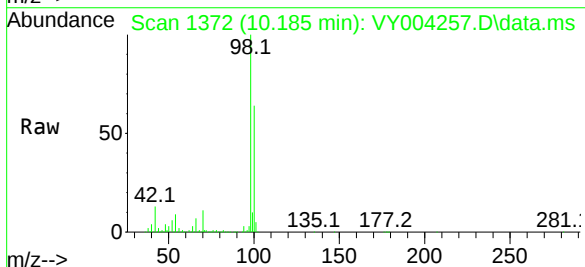
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

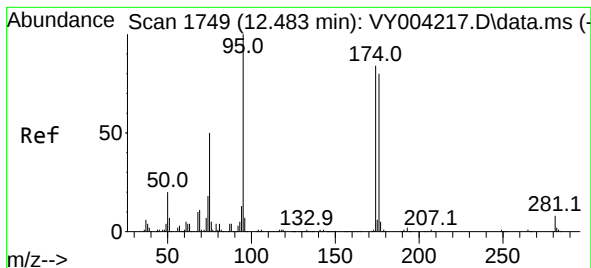
Tgt Ion:117 Resp: 18670
Ion Ratio Lower Upper
117 100
119 4.2 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 57.62 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

Tgt Ion: 98 Resp: 398298
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

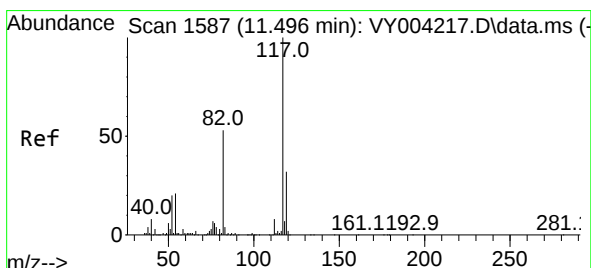
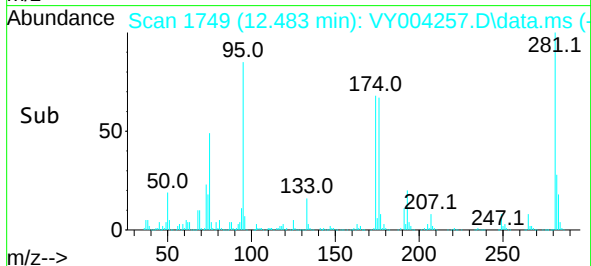
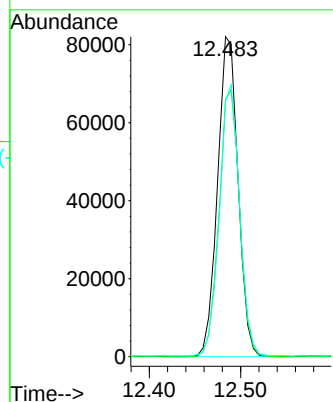
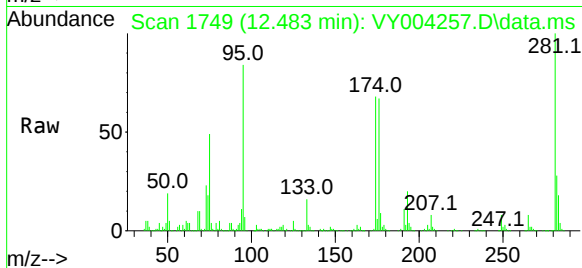




#62
4-Bromofluorobenzene
Concen: 53.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

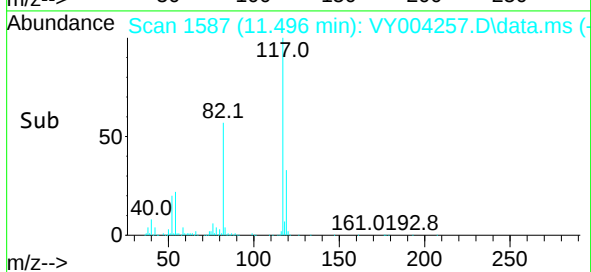
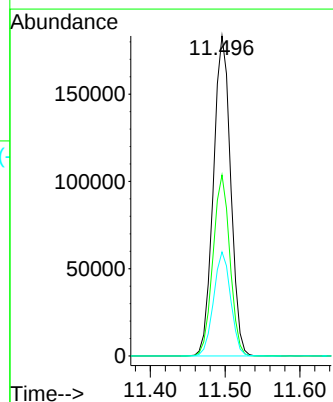
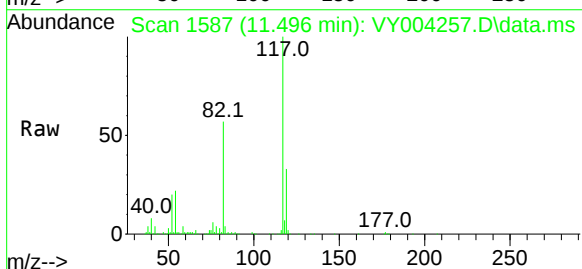
Instrument :
MSVOA_Y
ClientSampled :
TP-2

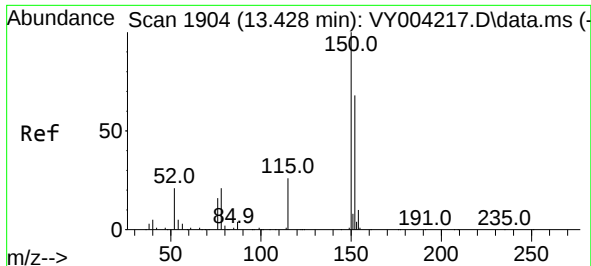
Tgt Ion: 95 Resp: 127771
Ion Ratio Lower Upper
95 100
174 83.7 0.0 171.4
176 83.5 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

Tgt Ion: 117 Resp: 294386
Ion Ratio Lower Upper
117 100
82 56.5 42.7 64.1
119 32.5 25.7 38.5

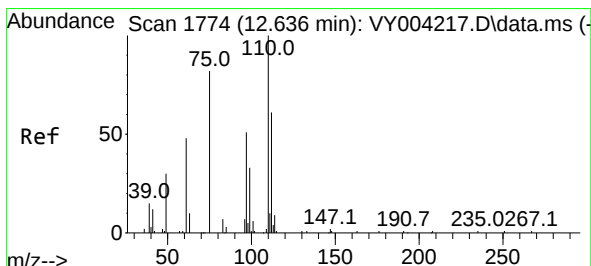
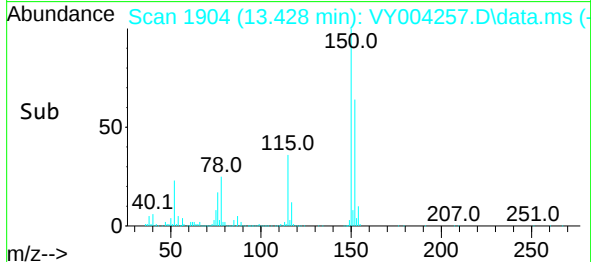
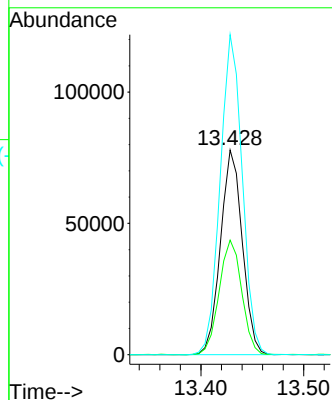
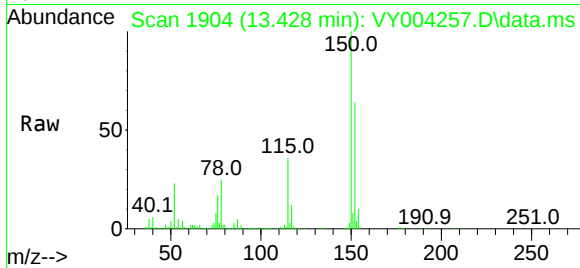




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

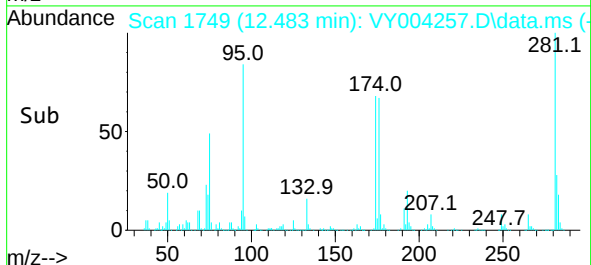
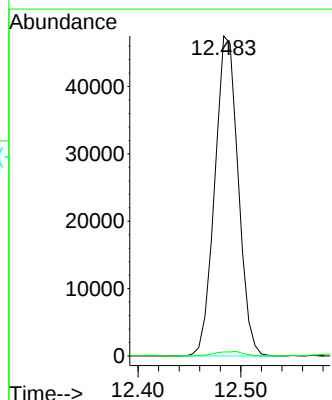
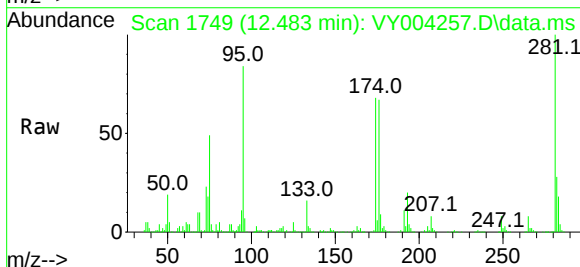
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

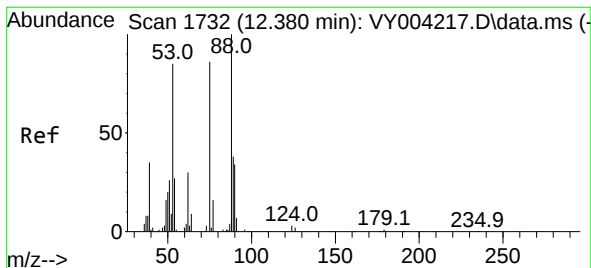
Tgt Ion:152 Resp: 114870
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.1
150 158.1 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 71.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004257.D
Acq: 02 Apr 2021 13:06

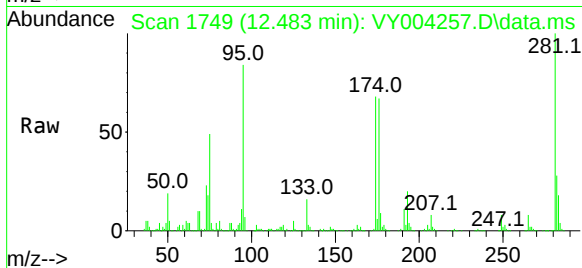
Tgt Ion: 75 Resp: 74909
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



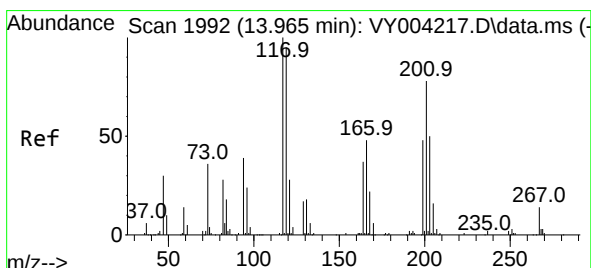
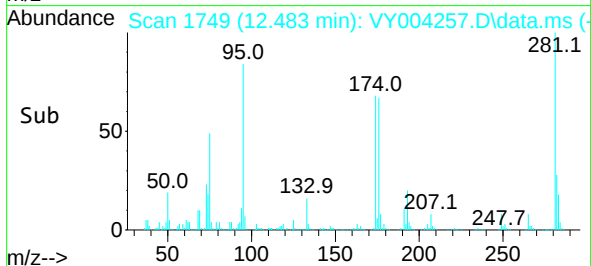
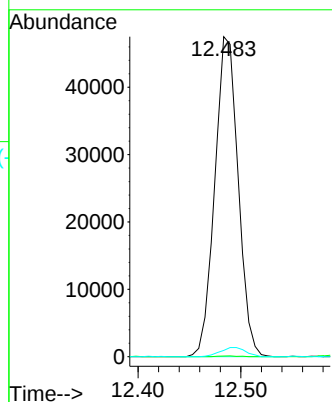


#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.36 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004257.D
 Acq: 02 Apr 2021 13:06

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-2



Tgt Ion: 75 Resp: 74909
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.3 118.9#
 89 3.1 39.4 59.2#



#90
 Hexachloroethane
 Concen: 7.41 ug/l
 RT: 13.953 min Scan# 1990
 Delta R.T. -0.012 min
 Lab File: VY004257.D
 Acq: 02 Apr 2021 13:06

Tgt Ion: 117 Resp: 98
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

