

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004241.D
 Acq On : 01 Apr 2021 13:20
 Operator : SY/MD
 Sample : M1854-05
 Misc : 6.16g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1D-(4-10)

Quant Time: Apr 02 02:09:18 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)

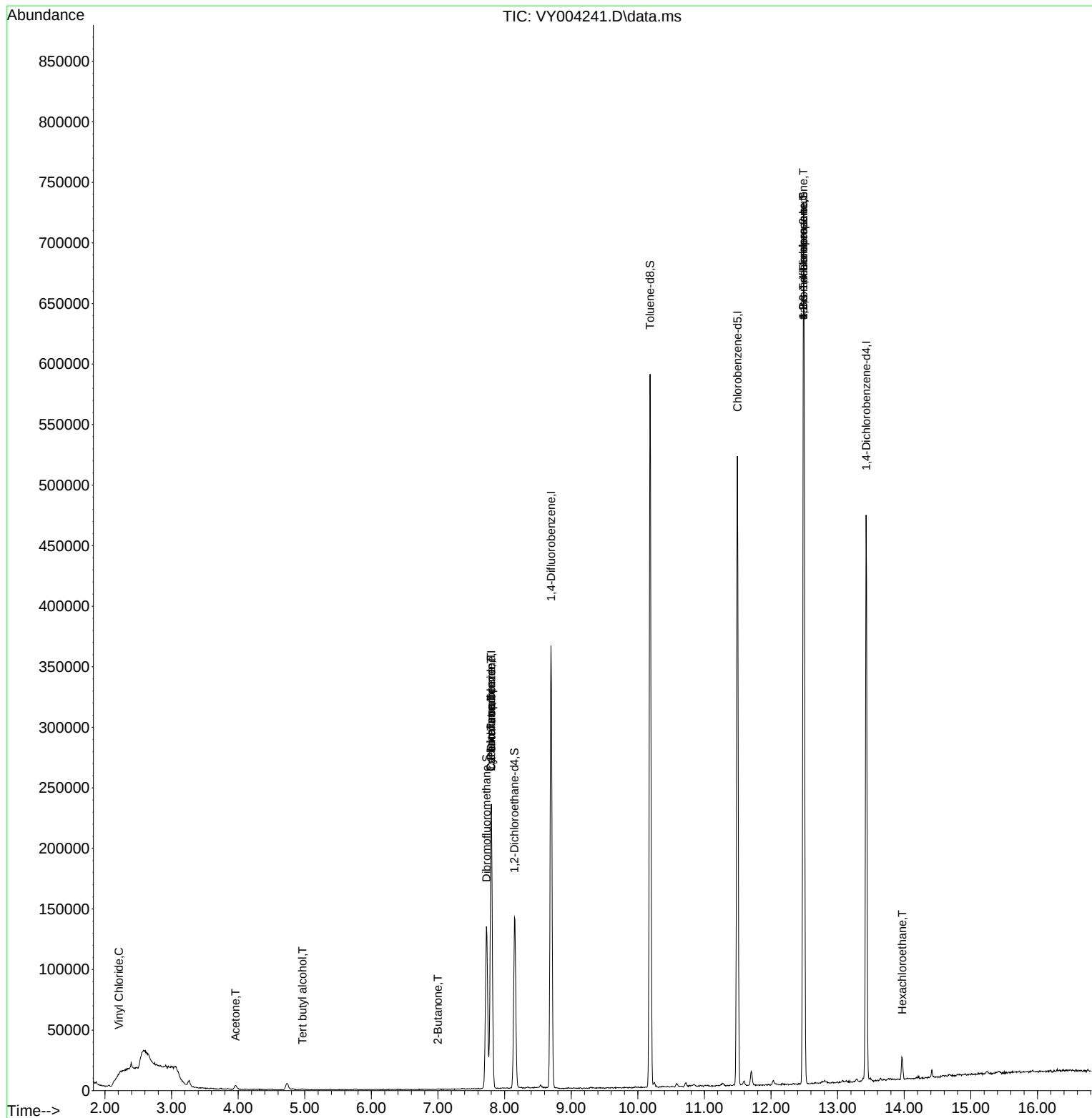
Internal Standards						
1) Pentafluorobenzene	7.801	168	181452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	304216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108709	62.32	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.64%			
35) Dibromofluoromethane	7.728	113	93442	55.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.26%			
50) Toluene-d8	10.185	98	368762	57.84	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.68%			
62) 4-Bromofluorobenzene	12.483	95	122087	55.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.74%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.211	62	5488	2.32	ug/l #	42
11) Tert butyl alcohol	4.966	59	976	6.88	ug/l #	71
13) Acrolein	3.759	56	441	Below Cal	#	61
16) Acetone	3.960	43	6060	16.68	ug/l	96
20) Methylene Chloride	4.735	84	3692	Below Cal		87
25) 2-Butanone	6.996	43	791	1.30	ug/l	91
31) Cyclohexane	7.795	56	4038	1.31	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	13777	4.96	ug/l #	48
38) Carbon Tetrachloride	7.795	117	17631	7.30	ug/l #	16
49) 1,4-Dioxane	9.295	88	493	Below Cal	#	70
76) 1,2,3-Trichloropropane	12.483	75	67750	65.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67750	120.37	ug/l #	11
90) Hexachloroethane	13.971	117	184	7.52	ug/l #	12

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

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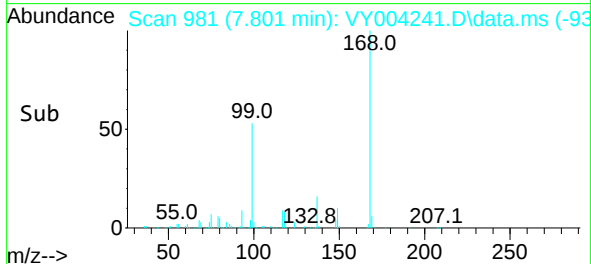
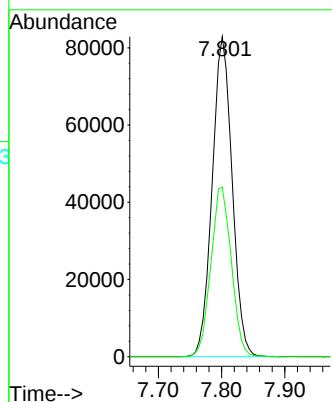
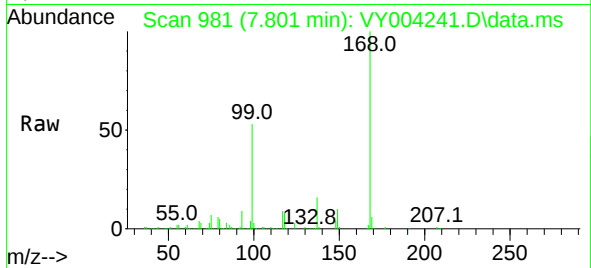




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

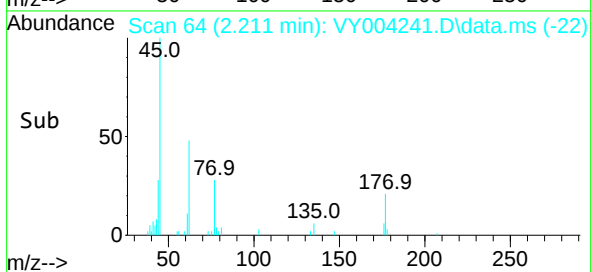
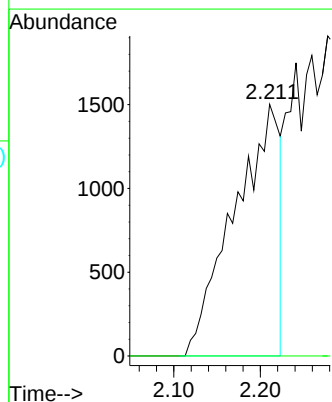
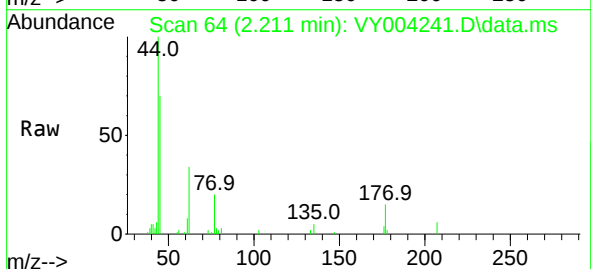
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D-(4-10)

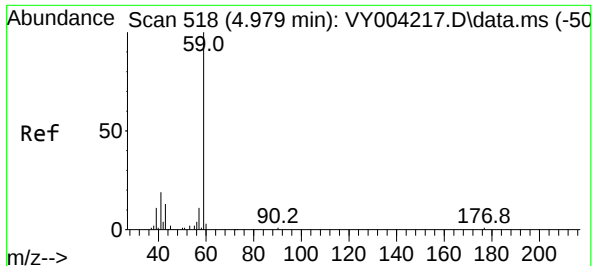
Tgt Ion:168 Resp: 181452
Ion Ratio Lower Upper
168 100
99 52.9 42.6 64.0



#4
Vinyl Chloride
Concen: 2.32 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.043 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

Tgt Ion: 62 Resp: 5488
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



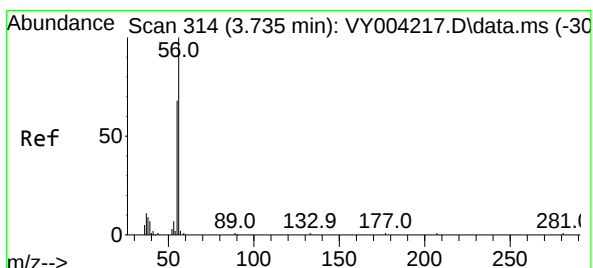
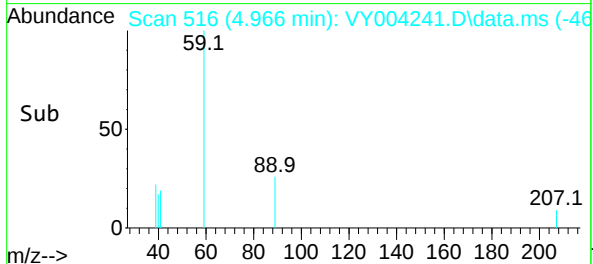
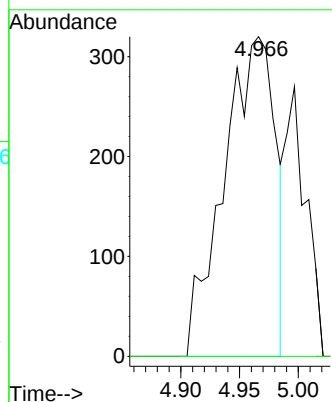
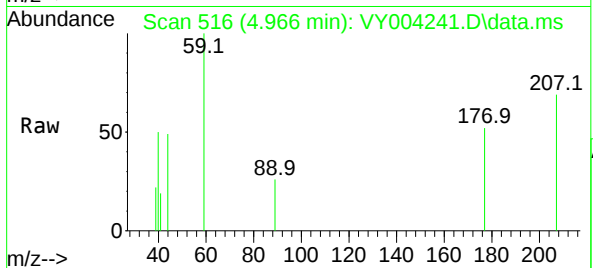


#11

Tert butyl alcohol
Concen: 6.88 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

Instrument :
MSVOA_Y
ClientSampleId :
TP-1D-(4-10)

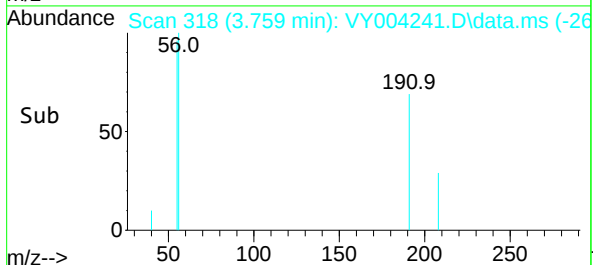
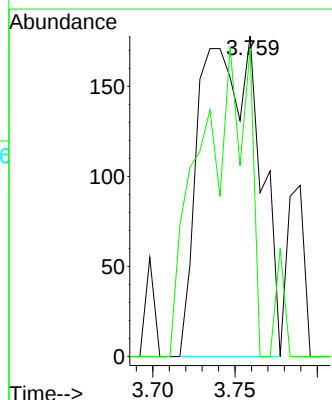
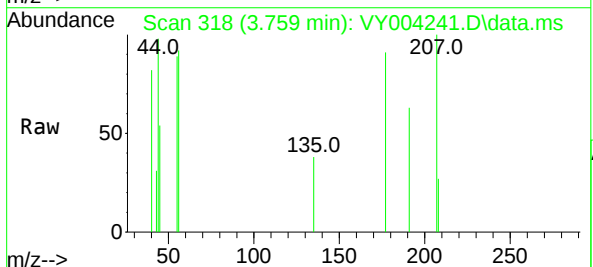
Tgt Ion: 59 Resp: 976
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

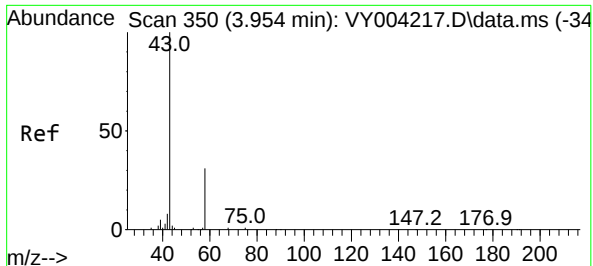


#13

Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.024 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

Tgt Ion: 56 Resp: 441
Ion Ratio Lower Upper
56 100
55 37.2 55.0 82.4#

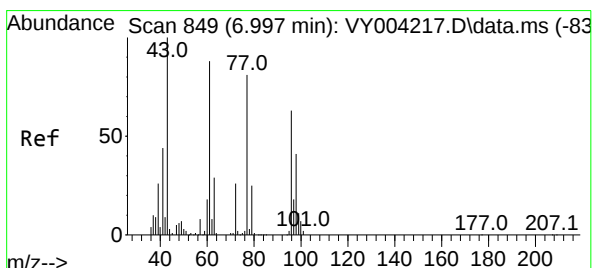
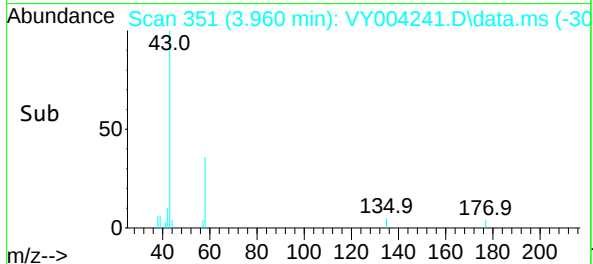
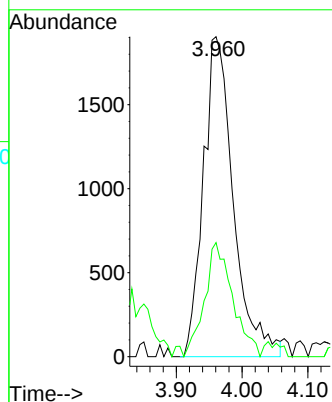
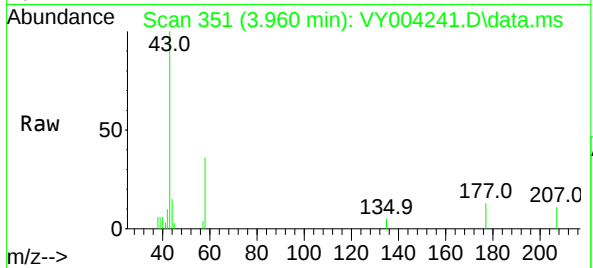




#16
Acetone
Concen: 16.68 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

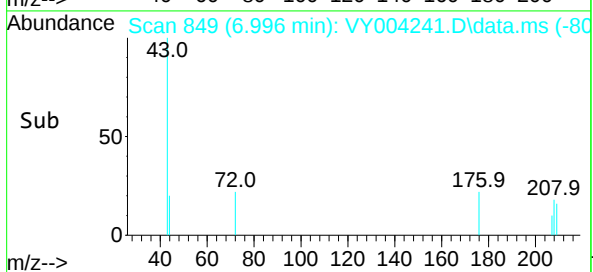
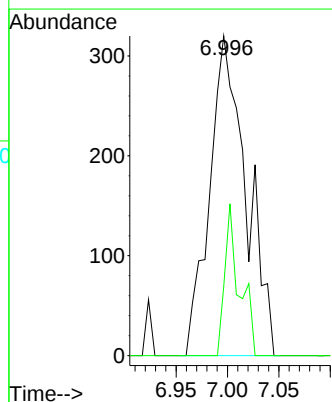
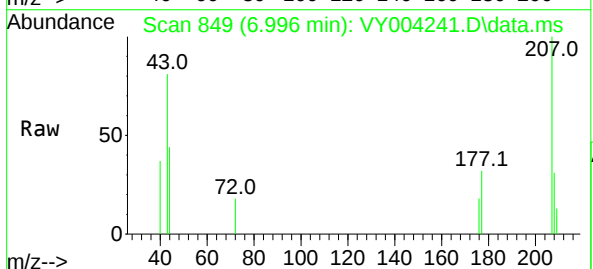
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D-(4-10)

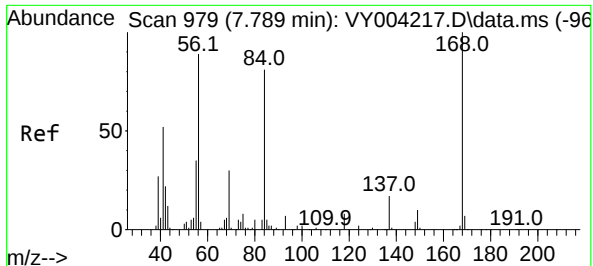
Tgt Ion: 43 Resp: 6060
Ion Ratio Lower Upper
43 100
58 32.7 24.5 36.7



#25
2-Butanone
Concen: 1.30 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

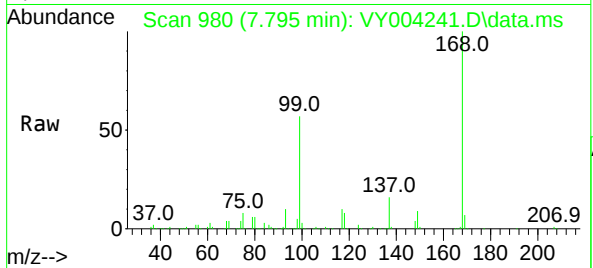
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
72 21.6 21.0 31.6



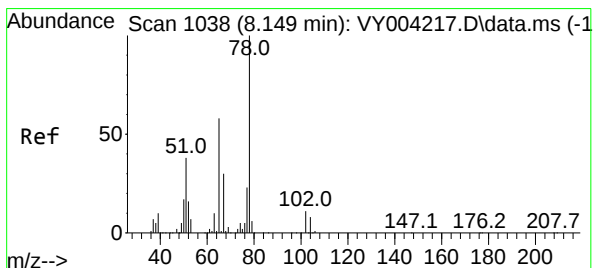
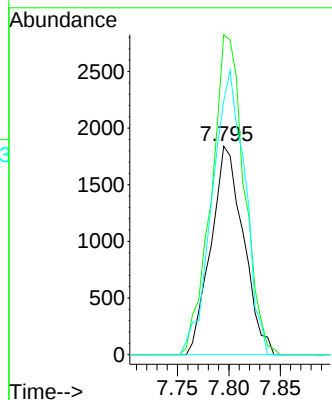
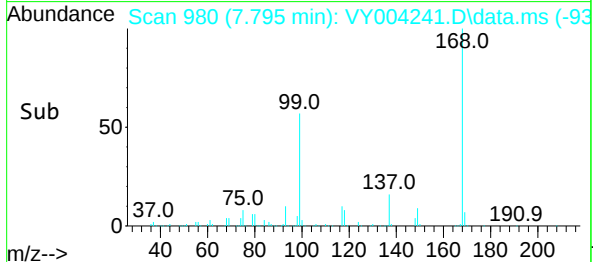


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

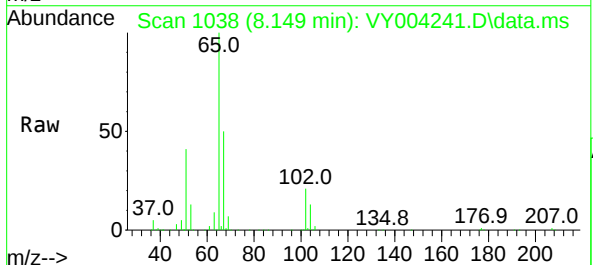
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D-(4-10)



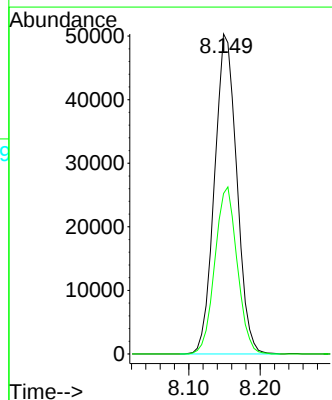
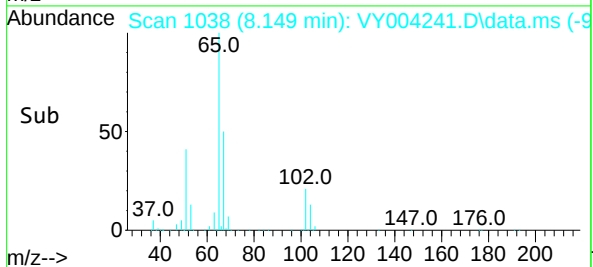
Tgt Ion: 56 Resp: 4038
Ion Ratio Lower Upper
56 100
69 153.4 26.6 40.0#
84 121.7 72.3 108.5#

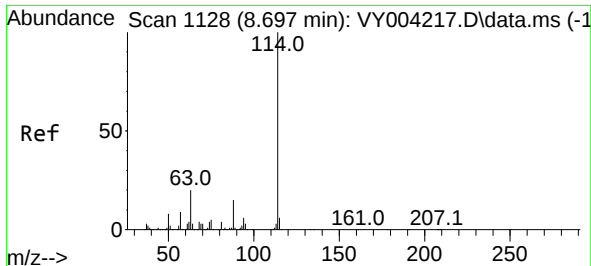


#33
1,2-Dichloroethane-d4
Concen: 62.32 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20



Tgt Ion: 65 Resp: 108709
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2

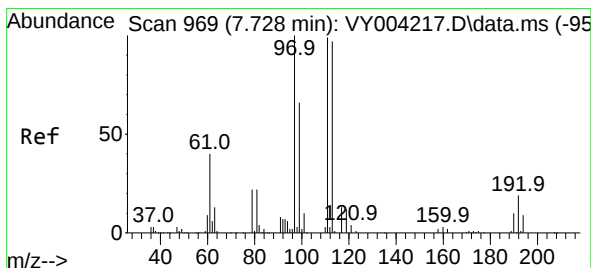
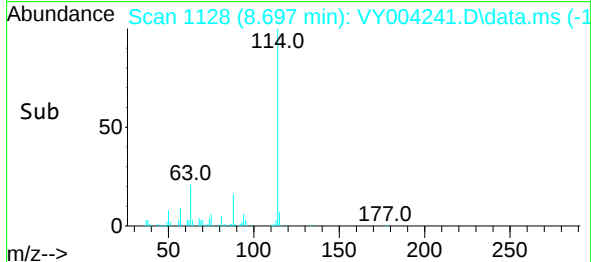
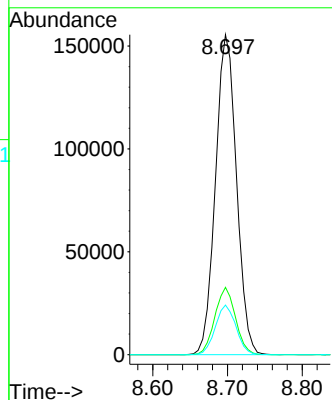
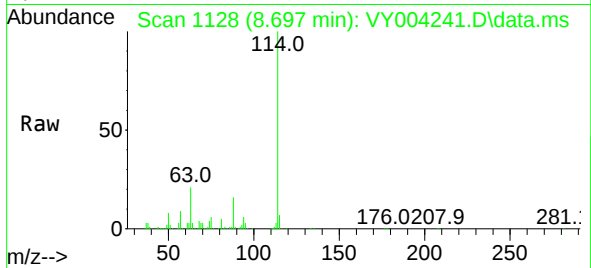




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

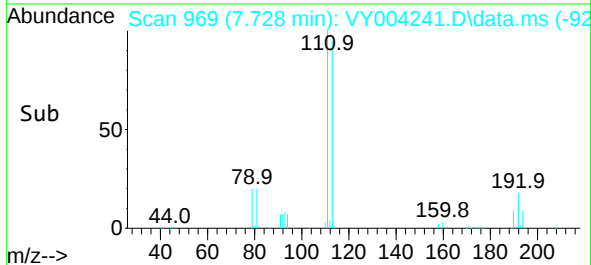
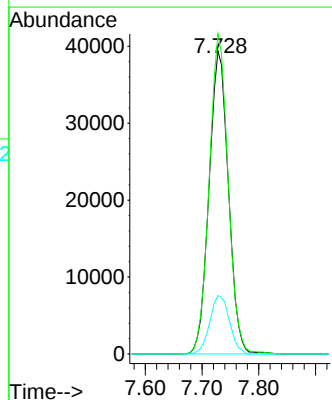
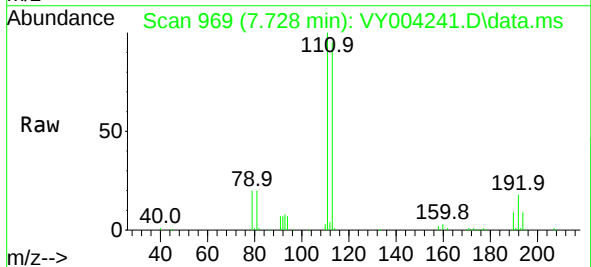
Instrument :
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ClientSampleId :
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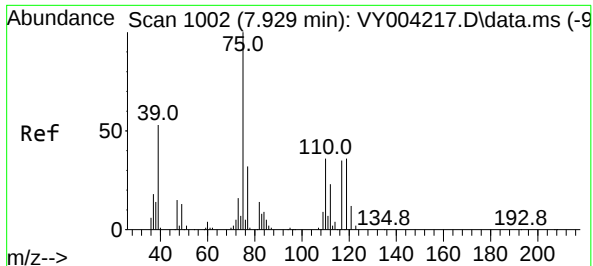
Tgt Ion:114 Resp: 304216
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.13 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

Tgt Ion:113 Resp: 93442
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.6 16.4 24.6

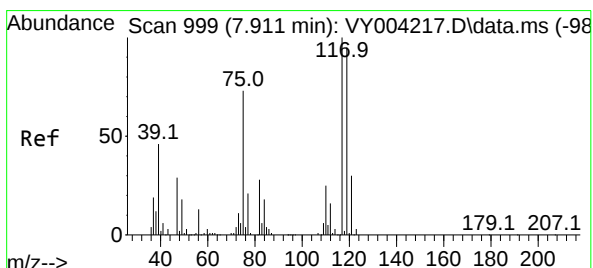
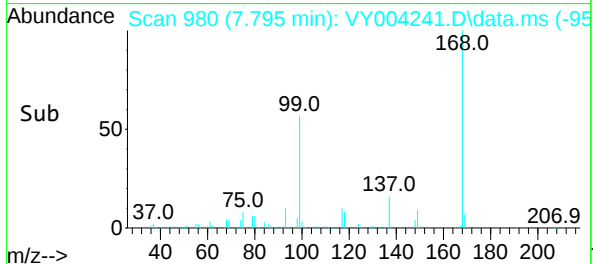
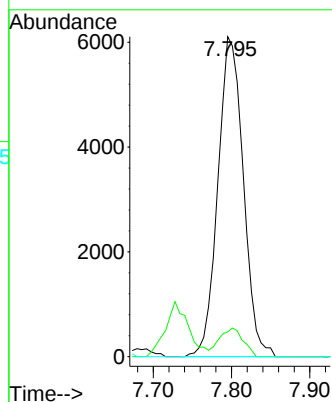
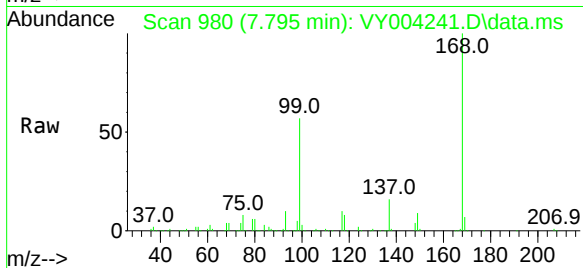




#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

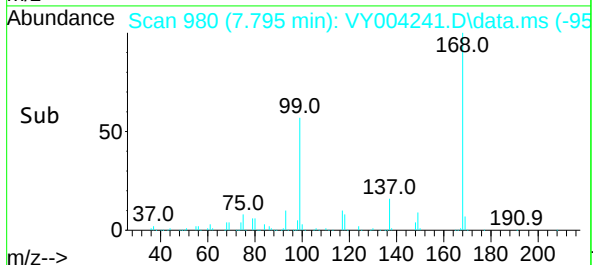
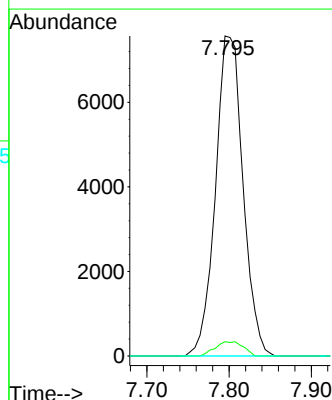
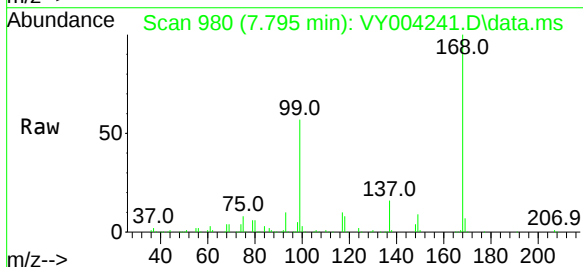
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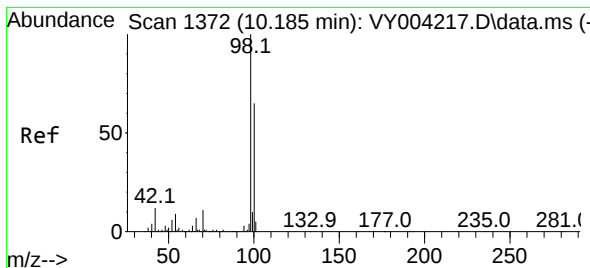
Tgt Ion: 75	Resp: 13777
Ion Ratio	Lower Upper
75 100	
110 8.3	18.1 54.3#
77 0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.30 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

Tgt Ion: 117	Resp: 17631
Ion Ratio	Lower Upper
117 100	
119 4.5	75.6 113.4#
121 0.0	24.3 36.5#

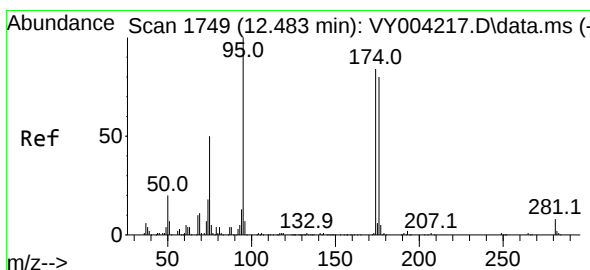
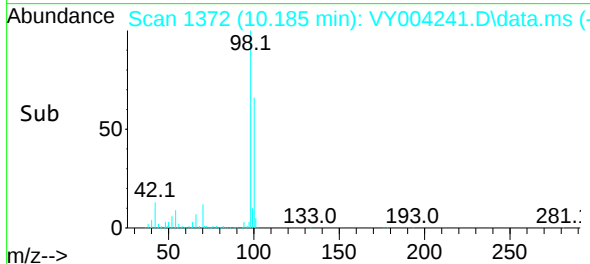
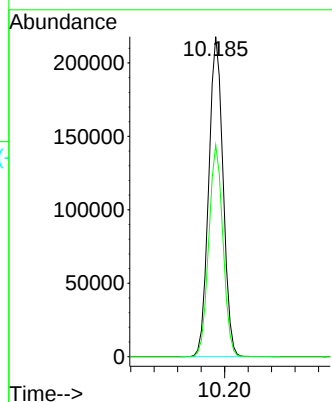
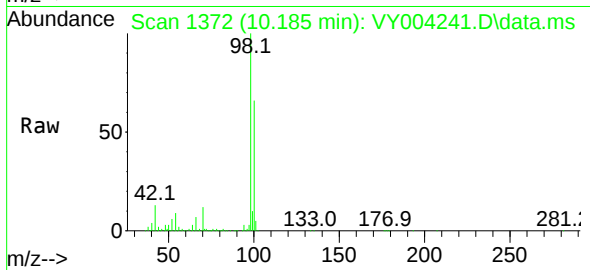




#50
Toluene-d8
Concen: 57.84 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

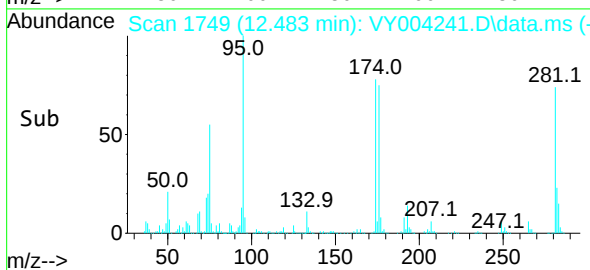
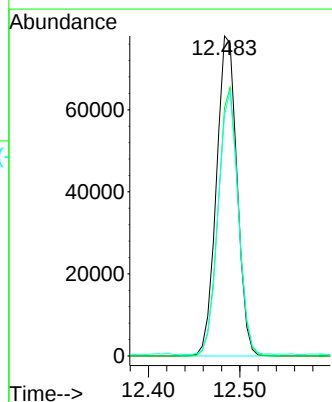
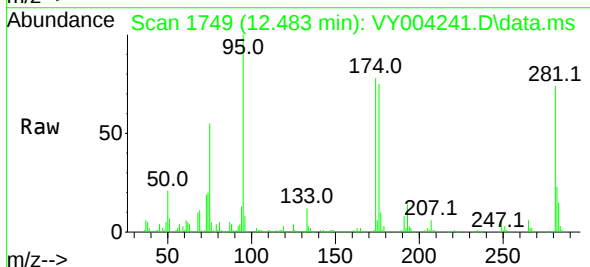
Instrument :
MSVOA_Y
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TP-1D-(4-10)

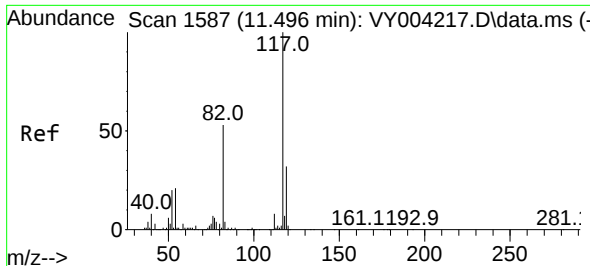
Tgt Ion: 98 Resp: 368762
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 55.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

Tgt Ion: 95 Resp: 122087
Ion Ratio Lower Upper
95 100
174 82.3 0.0 171.4
176 80.0 0.0 165.6

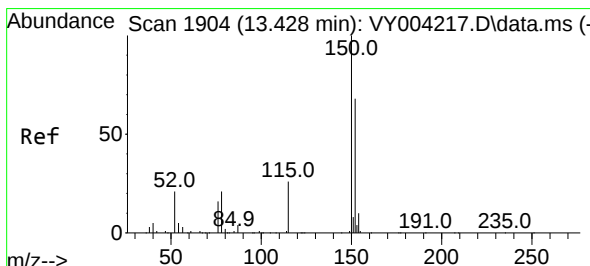
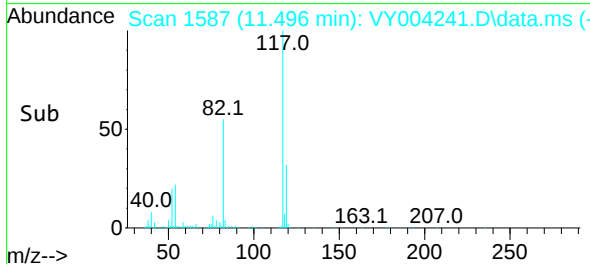
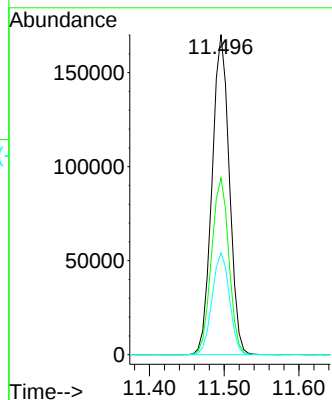
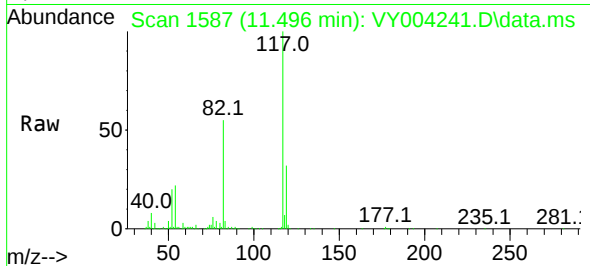




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

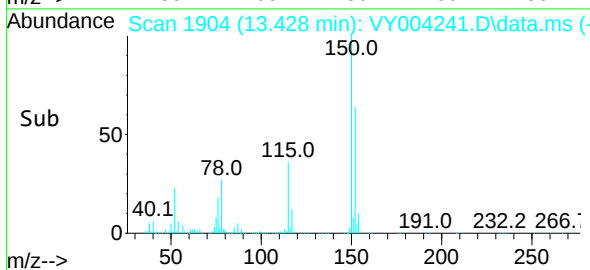
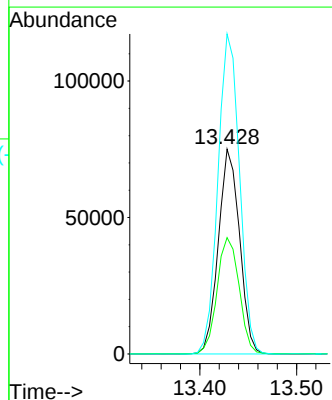
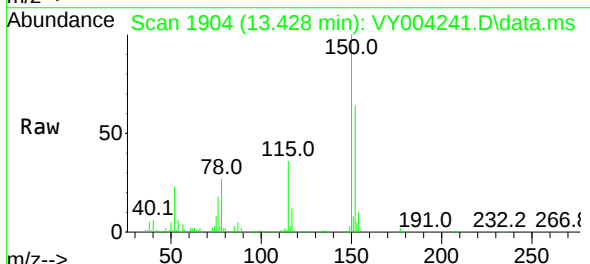
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D-(4-10)

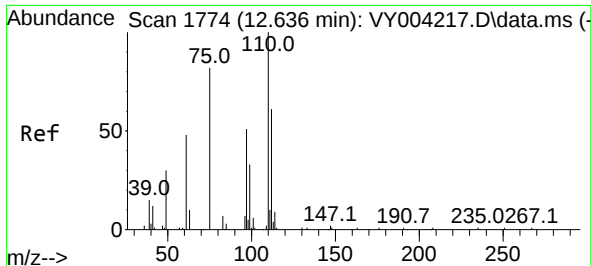
Tgt Ion:117 Resp: 273400
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

Tgt Ion:152 Resp: 114236
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.1
150 158.7 0.0 347.4

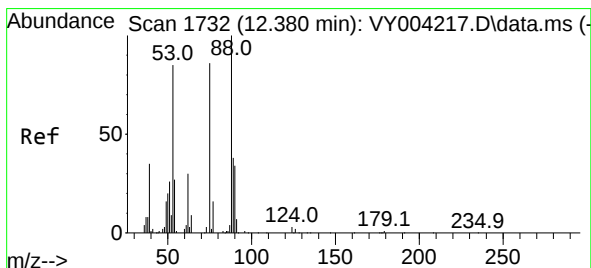
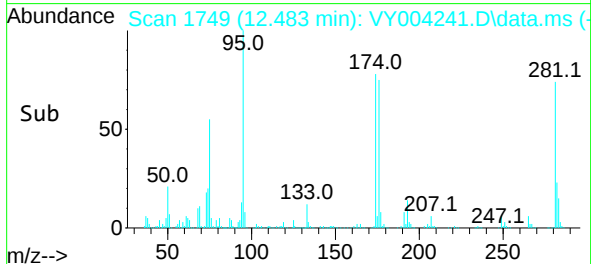
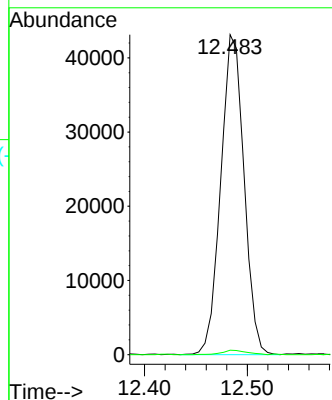
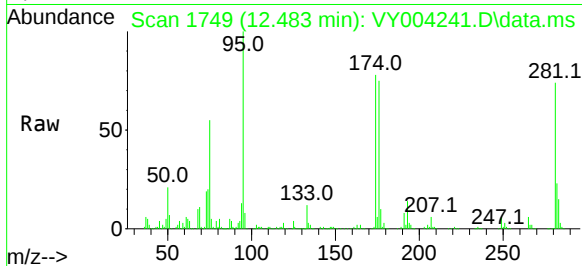




#76
1,2,3-Trichloropropane
Concen: 65.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

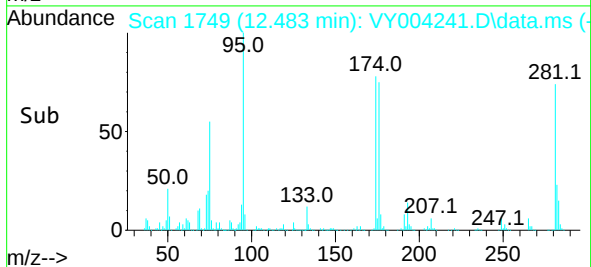
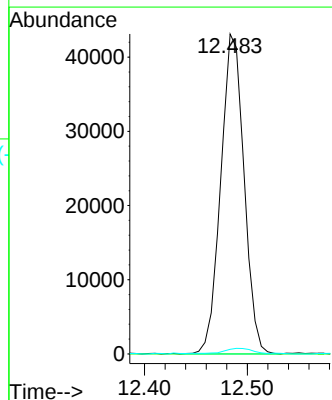
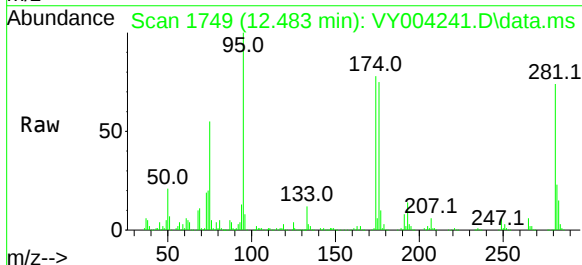
Instrument :
MSVOA_Y
ClientSampleId :
TP-1D-(4-10)

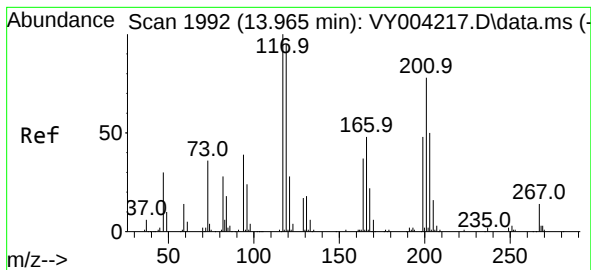
Tgt Ion: 75 Resp: 67750
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.37 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004241.D
Acq: 01 Apr 2021 13:20

Tgt Ion: 75 Resp: 67750
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 2.4 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.52 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004241.D
 Acq: 01 Apr 2021 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1D-(4-10)

Tgt Ion:117 Resp: 184
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

