

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004247.D
 Acq On : 01 Apr 2021 16:03
 Operator : SY/MD
 Sample : M1900-02
 Misc : 6.74g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26586

Quant Time: Apr 02 02:11:04 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)

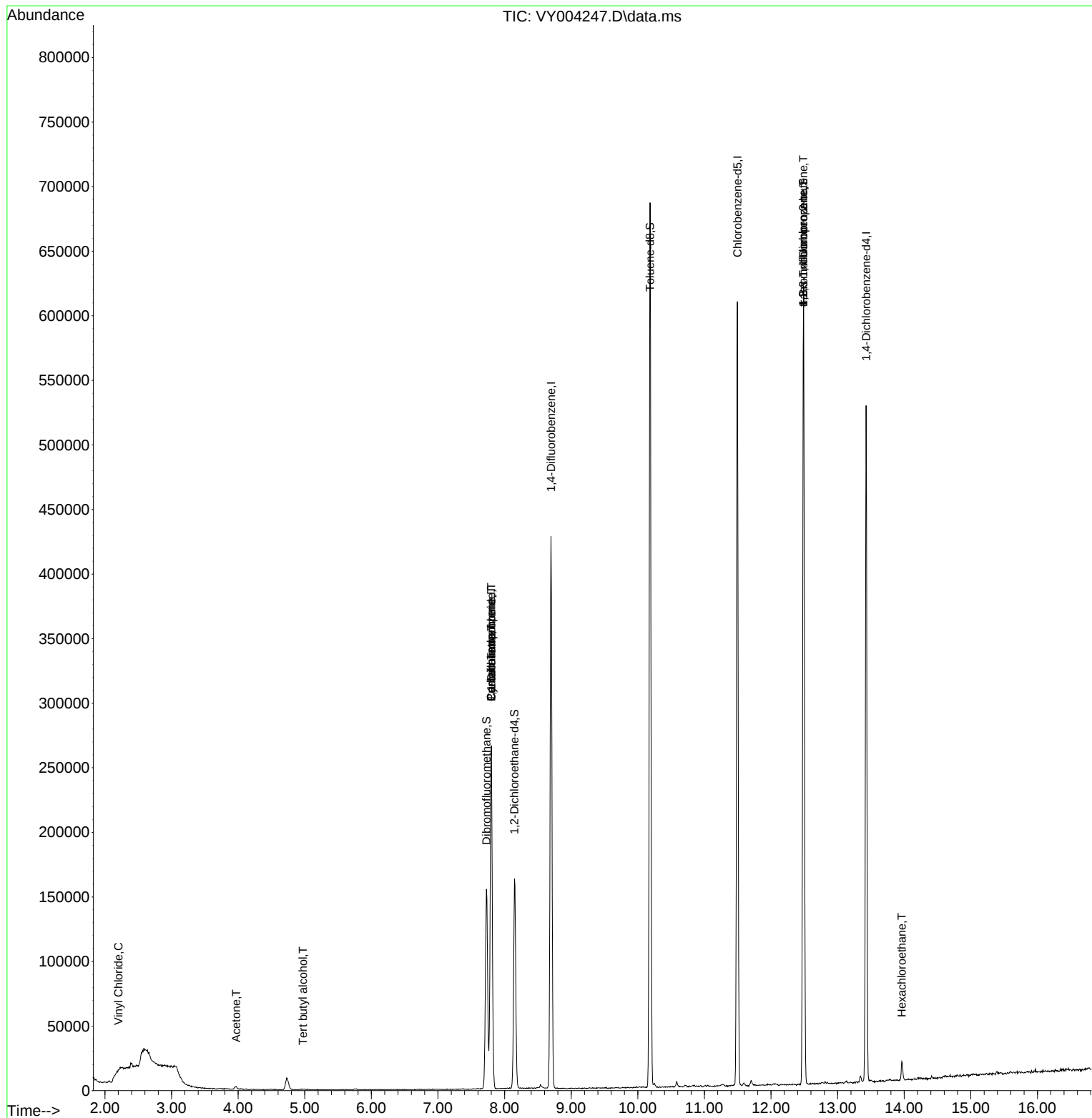
Internal Standards						
1) Pentafluorobenzene	7.801	168	204899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	310538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124160	63.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.06%	
35) Dibromofluoromethane	7.728	113	107371	54.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.98%	
50) Toluene-d8	10.185	98	429054	58.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.84%	
62) 4-Bromofluorobenzene	12.483	95	134232	53.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.66%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.205	62	5237	1.96	ug/l #	42
11) Tert butyl alcohol	4.972	59	959	5.98	ug/l #	71
13) Acrolein	3.747	56	351	Below	Cal	84
16) Acetone	3.973	43	4109	10.01	ug/l	98
31) Cyclohexane	7.801	56	4366	1.25	ug/l #	13
36) 1,1-Dichloropropene	7.801	75	15860	4.96	ug/l #	50
38) Carbon Tetrachloride	7.801	117	20493	7.37	ug/l #	16
49) 1,4-Dioxane	9.301	88	75	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.483	75	74363	63.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74363	117.50	ug/l #	10
90) Hexachloroethane	13.965	117	29	7.32	ug/l #	12

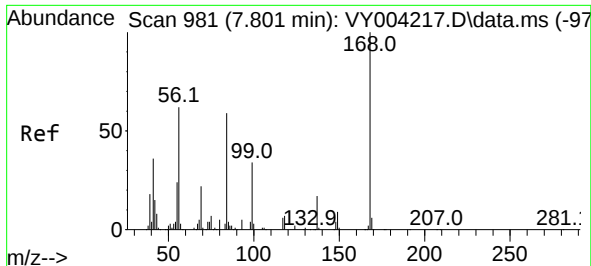
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
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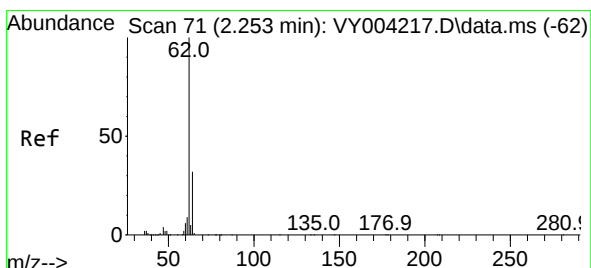
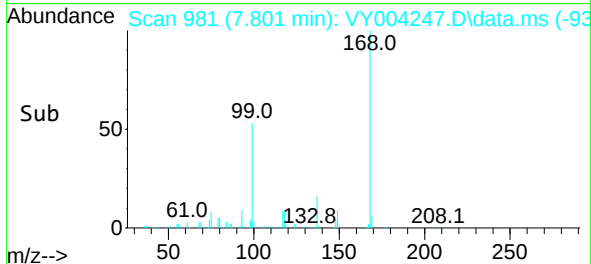
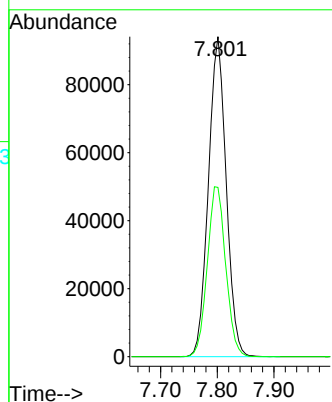
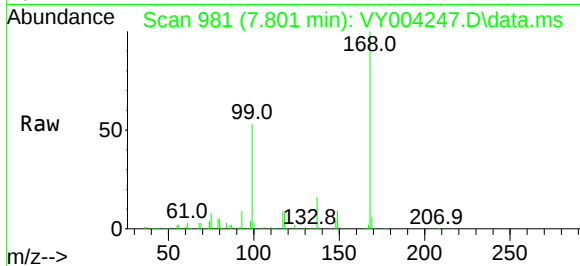




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

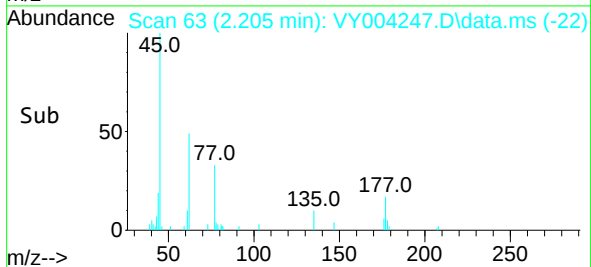
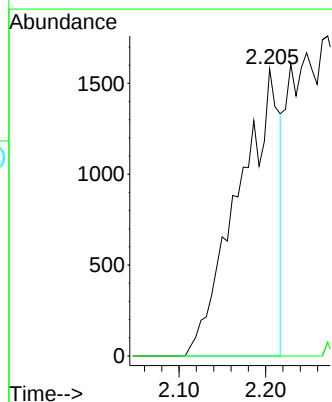
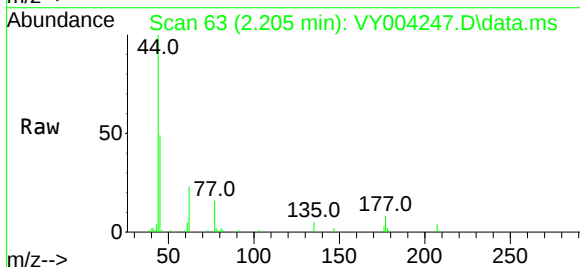
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MSVOA_Y
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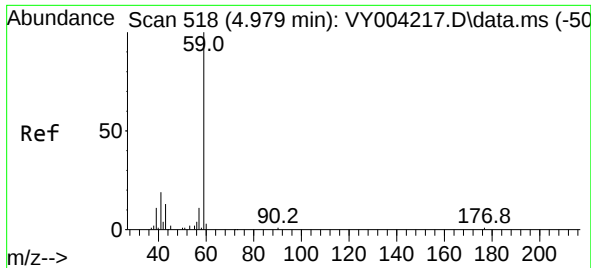
Tgt Ion:168 Resp: 204899
Ion Ratio Lower Upper
168 100
99 52.9 42.6 64.0



#4
Vinyl Chloride
Concen: 1.96 ug/l
RT: 2.205 min Scan# 63
Delta R.T. -0.049 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

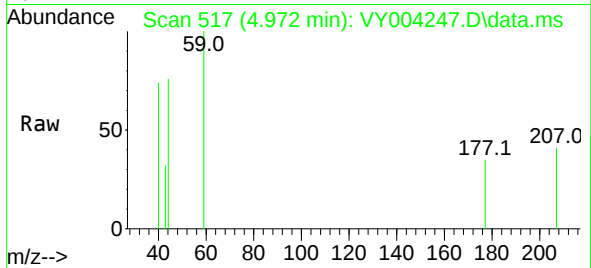
Tgt Ion: 62 Resp: 5237
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



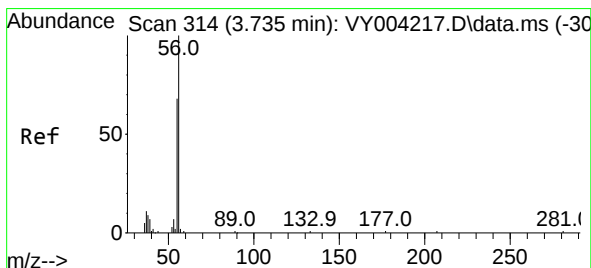
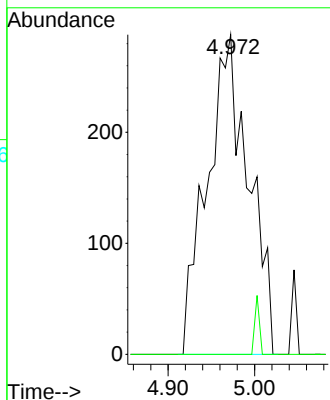
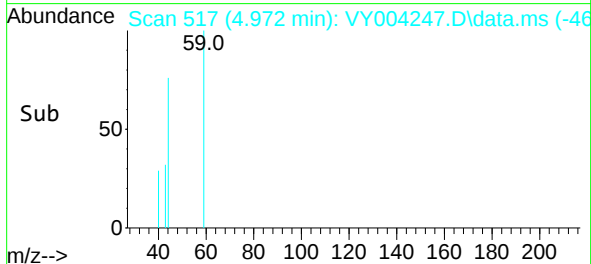


#11
Tert butyl alcohol
Concen: 5.98 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

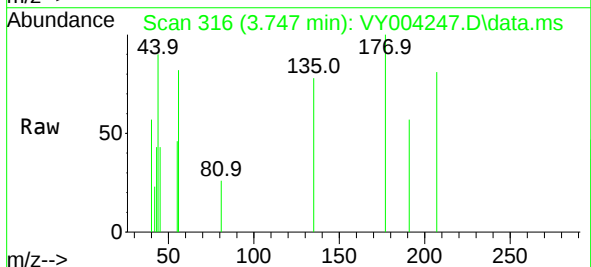
Instrument :
MSVOA_Y
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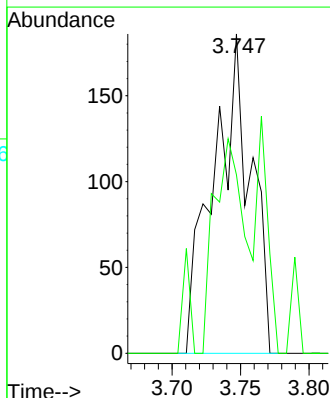
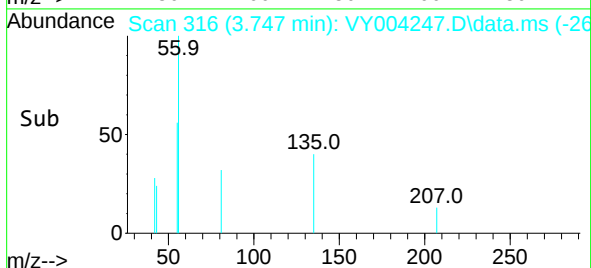
Tgt Ion: 59 Resp: 959
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

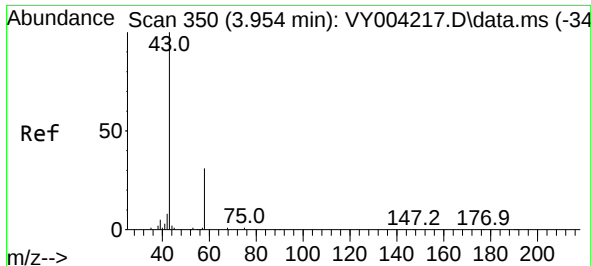


#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03



Tgt Ion: 56 Resp: 351
Ion Ratio Lower Upper
56 100
55 55.6 55.0 82.4

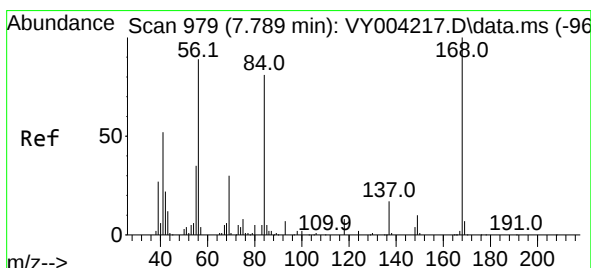
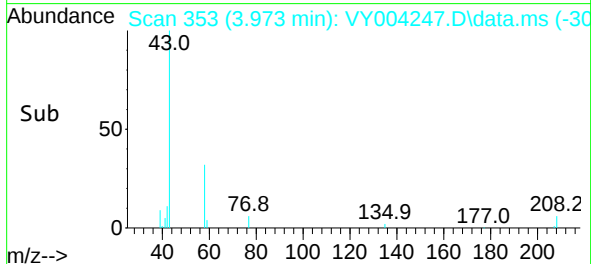
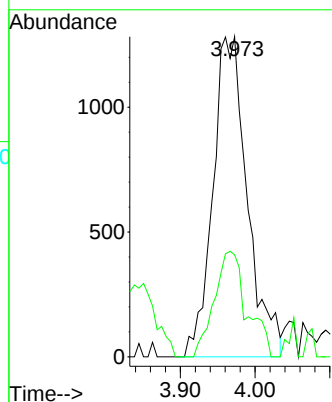
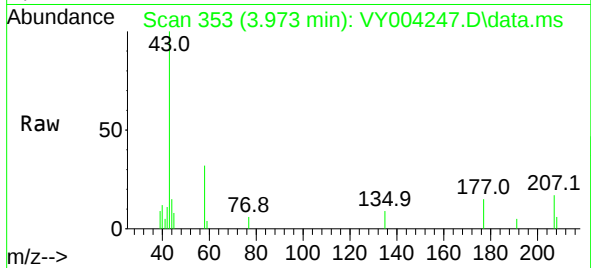




#16
Acetone
Concen: 10.01 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

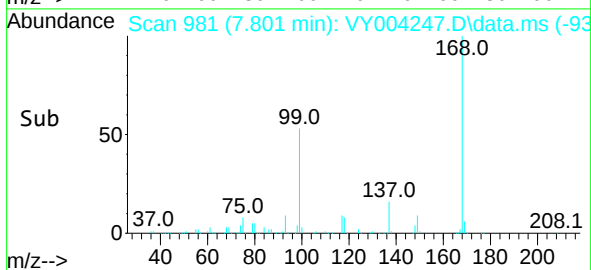
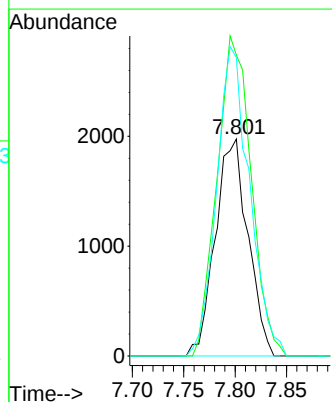
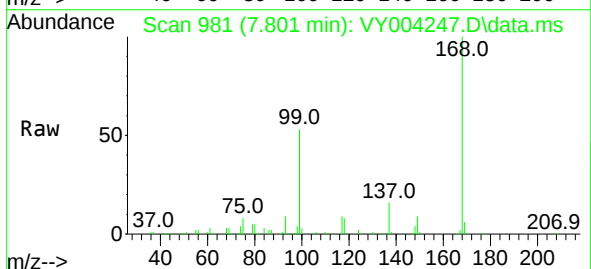
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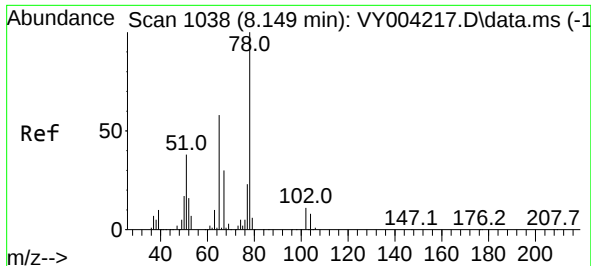
Tgt Ion: 43 Resp: 4109
Ion Ratio Lower Upper
43 100
58 31.9 24.5 36.7



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Tgt Ion: 56 Resp: 4366
Ion Ratio Lower Upper
56 100
69 138.7 26.6 40.0#
84 137.6 72.3 108.5#

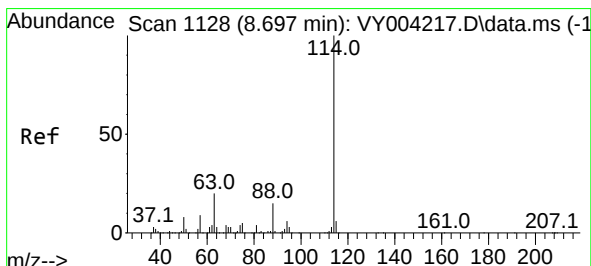
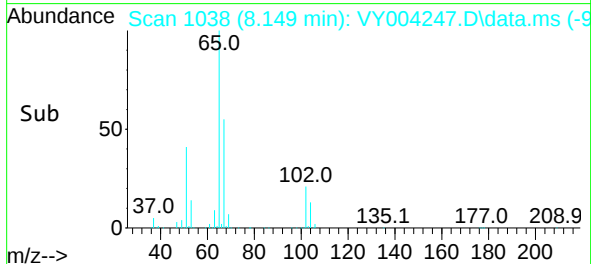
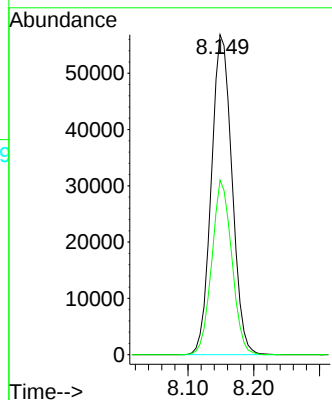
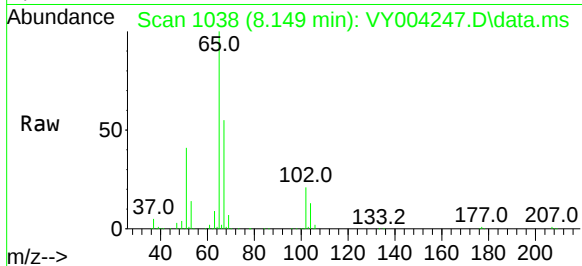




#33
 1,2-Dichloroethane-d4
 Concen: 63.03 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004247.D
 Acq: 01 Apr 2021 16:03

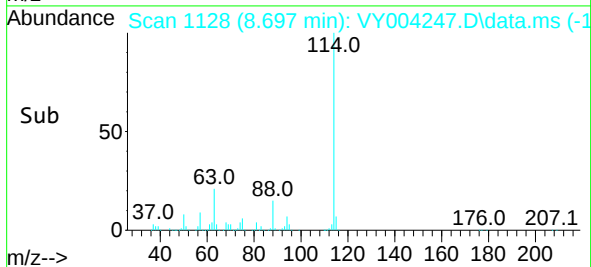
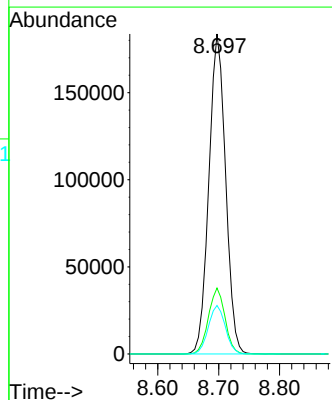
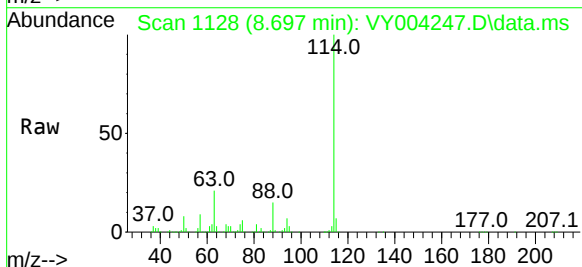
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26586

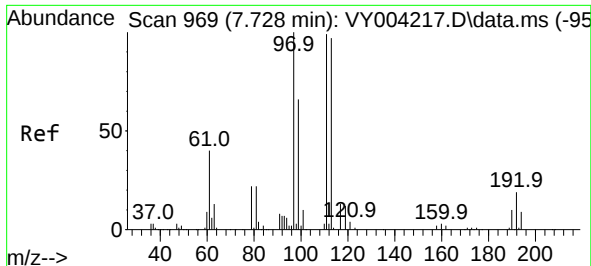
Tgt Ion: 65 Resp: 124160
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004247.D
 Acq: 01 Apr 2021 16:03

Tgt Ion:114 Resp: 350434
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.4
 88 15.2 0.0 30.8

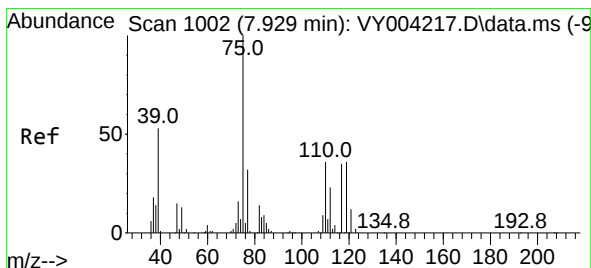
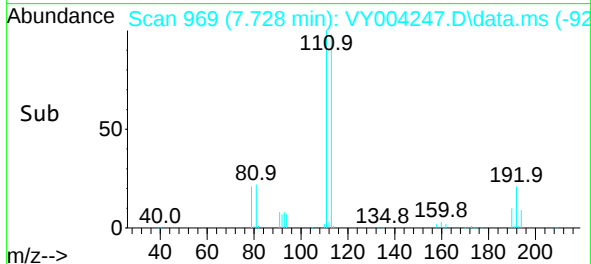
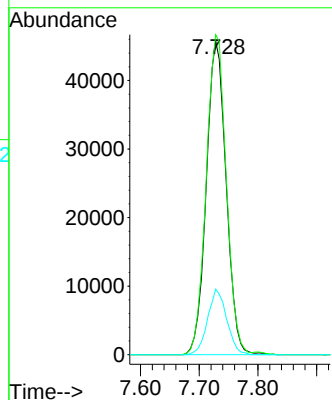
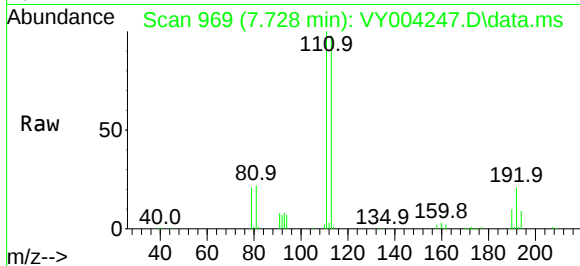




#35
Dibromofluoromethane
Concen: 54.99 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

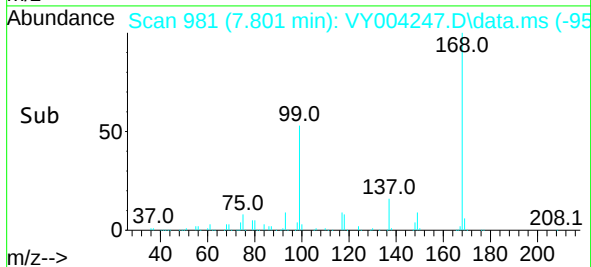
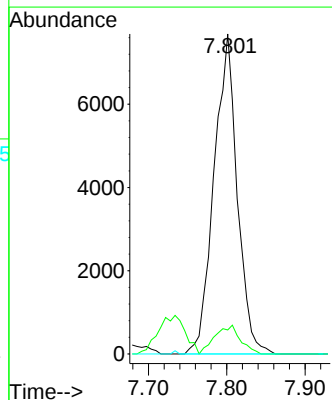
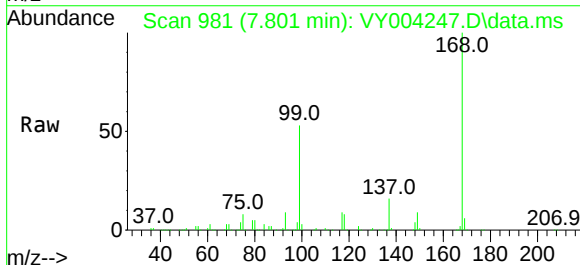
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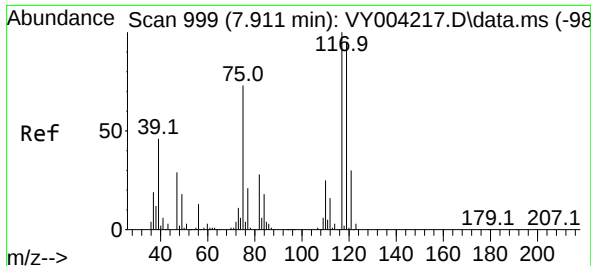
Tgt Ion:113 Resp: 107371
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.1 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

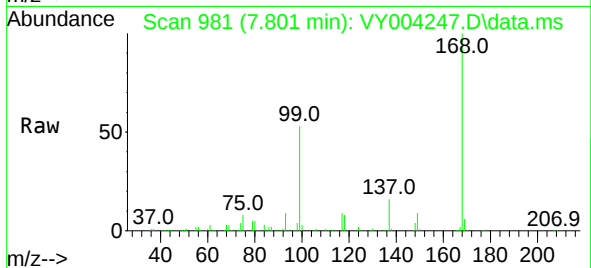
Tgt Ion: 75 Resp: 15860
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 25.1 37.7#



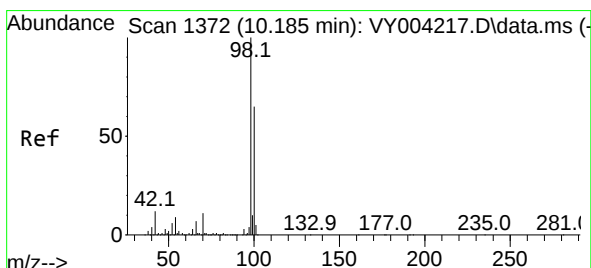
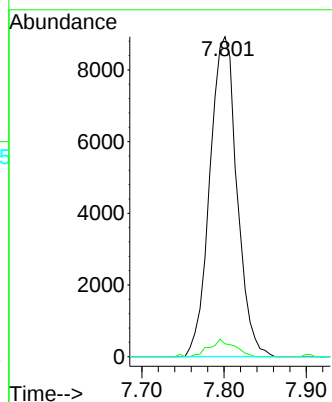
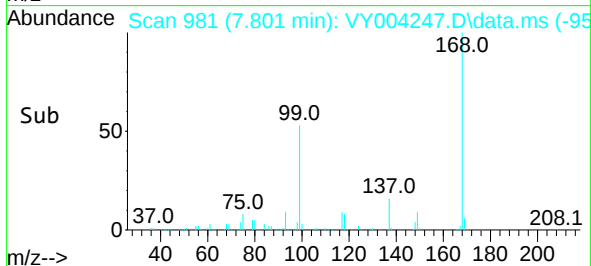


#38
Carbon Tetrachloride
Concen: 7.37 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

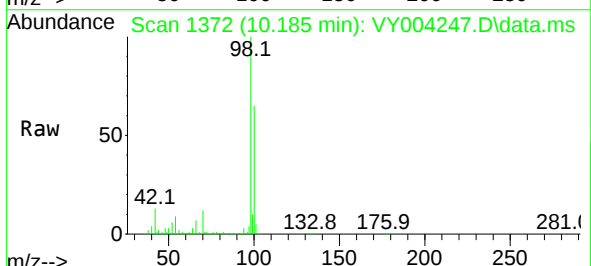
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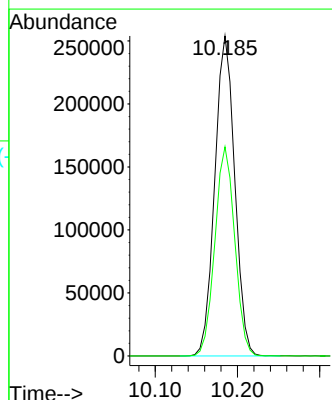
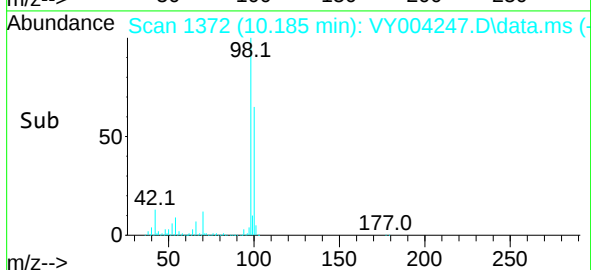
Tgt Ion: 117 Resp: 20493
Ion Ratio Lower Upper
117 100
119 4.0 75.6 113.4#
121 0.0 24.3 36.5#

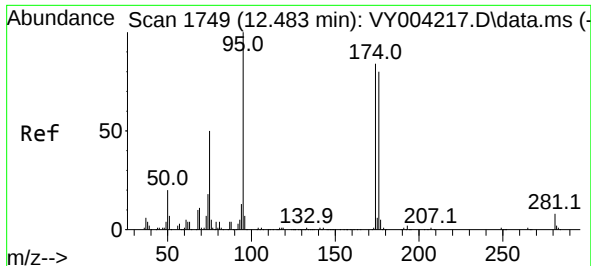


#50
Toluene-d8
Concen: 58.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03



Tgt Ion: 98 Resp: 429054
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

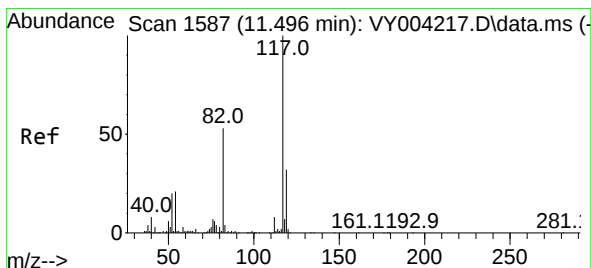
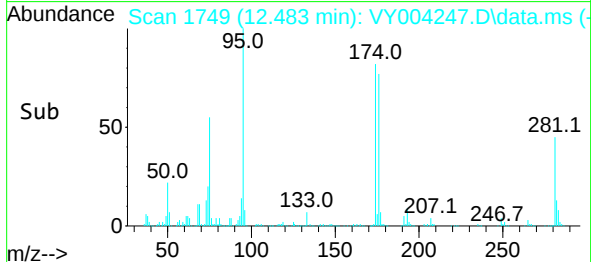
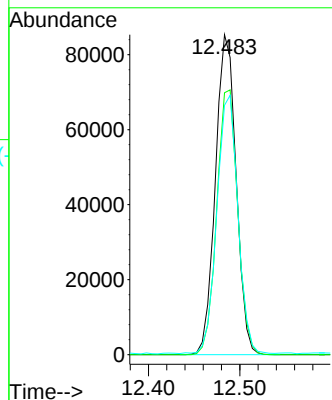
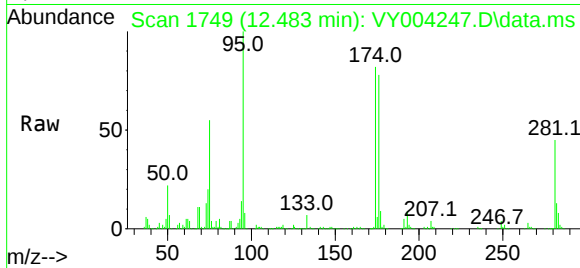




#62
4-Bromofluorobenzene
Concen: 53.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

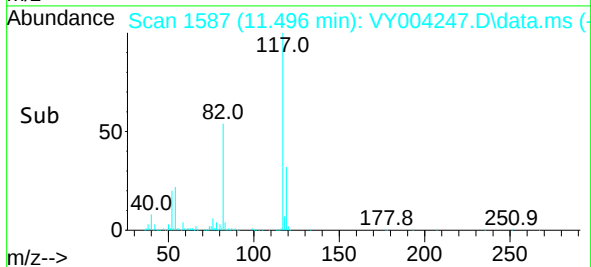
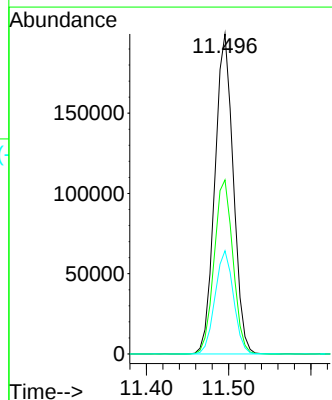
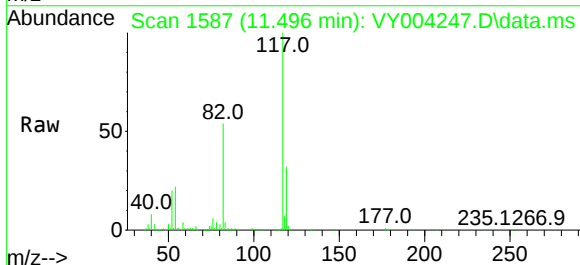
Instrument :
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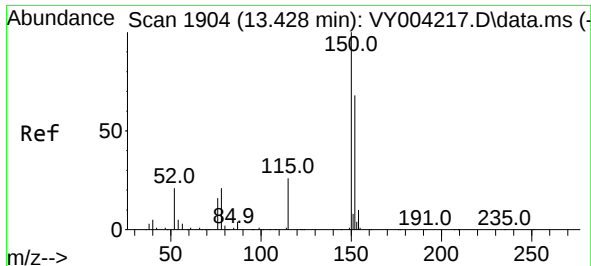
Tgt Ion: 95 Resp: 134232
Ion Ratio Lower Upper
95 100
174 83.7 0.0 171.4
176 81.9 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Tgt Ion: 117 Resp: 310538
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 32.2 25.7 38.5

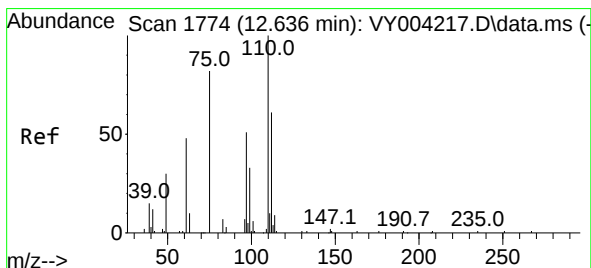
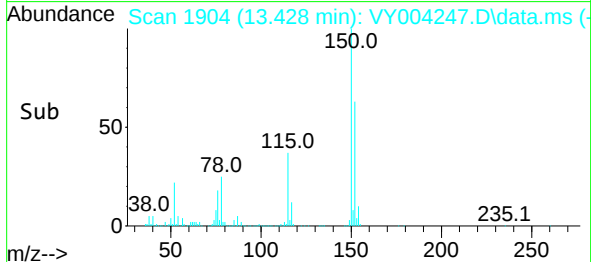
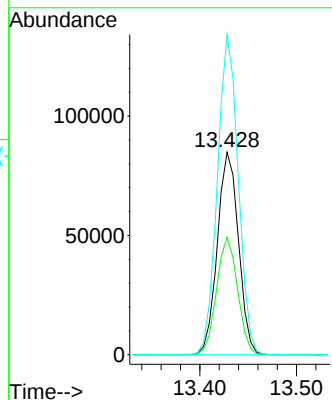
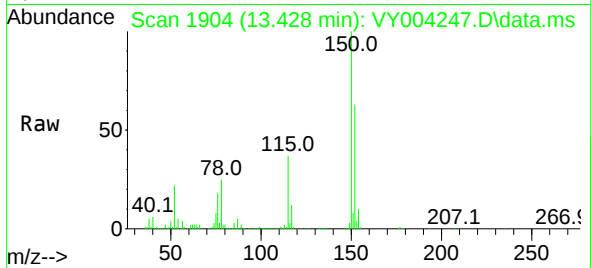




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

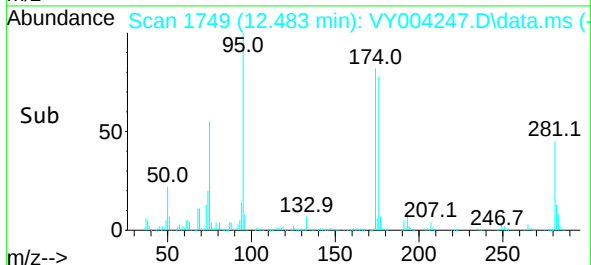
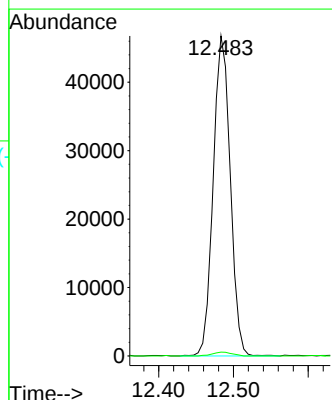
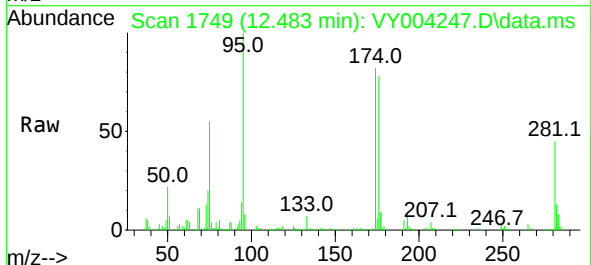
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26586

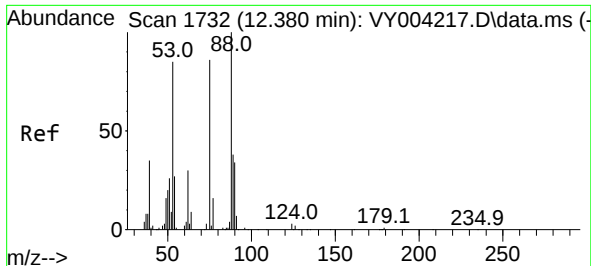
Tgt Ion:152 Resp: 128450
Ion Ratio Lower Upper
152 100
115 57.8 29.0 87.1
150 156.2 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 63.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Tgt Ion: 75 Resp: 74363
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

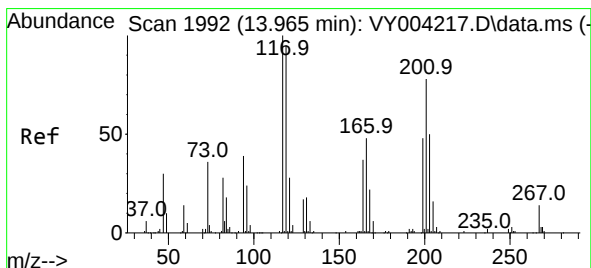
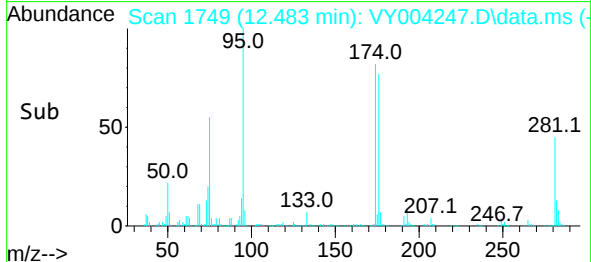
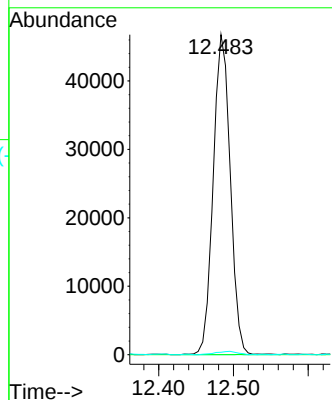
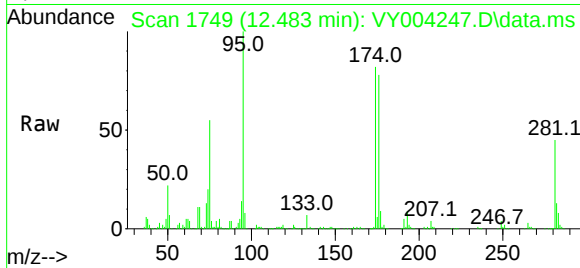




#81
trans-1,4-Dichloro-2-butene
Concen: 117.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26586

Tgt Ion: 75 Resp: 74363
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 1.4 39.4 59.2#



#90
Hexachloroethane
Concen: 7.32 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Tgt Ion: 117 Resp: 29
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

