

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031121\
 Data File : VV020502.D
 Acq On : 10 Mar 2021 17:54
 Operator : SY/MD
 Sample : M1610-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG507

Quant Time: Mar 11 00:52:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 00:50:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

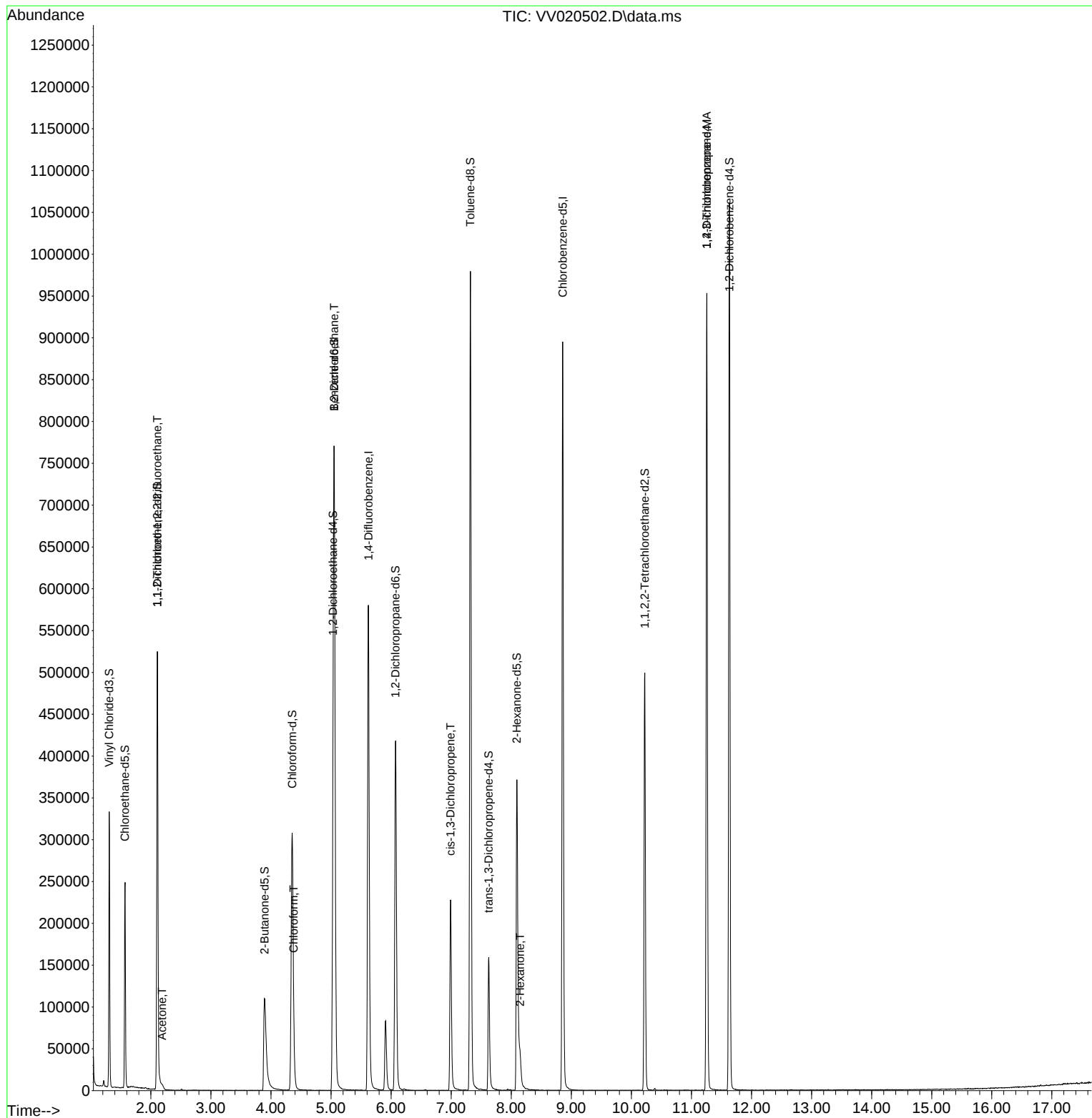
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	536372	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	521595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	257521	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	206161	52.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.88%			
7) Chloroethane-d5	1.568	69	160342	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.32%			
11) 1,1-Dichloroethene-d2	2.108	63	262281	39.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.18%			
21) 2-Butanone-d5	3.892	46	203000	101.96	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.96%			
24) Chloroform-d	4.352	84	331878	48.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.64%			
26) 1,2-Dichloroethane-d4	5.034	65	213674	51.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.32%			
32) Benzene-d6	5.053	84	707998	53.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.62%			
36) 1,2-Dichloropropane-d6	6.072	67	206138	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.66%			
41) Toluene-d8	7.320	98	662878	52.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.20%			
43) trans-1,3-Dichloroprop...	7.625	79	96533	50.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.96%			
47) 2-Hexanone-d5	8.091	63	126160	88.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.69%			
57) 1,1,2,2-Tetrachloroeth...	10.223	84	231191	43.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.76%			
64) 1,2-Dichlorobenzene-d4	11.632	152	296210	58.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.50%			
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2569	0.74	ug/L	# 24
13) Acetone	2.188	43	8226	5.92	ug/L	87
25) Chloroform	4.378	83	15474	2.30	ug/L	99
27) 1,2-Dichloroethane	5.053	62	3897	0.79	ug/L	98
39) cis-1,3-Dichloropropene	6.989	75	5860	1.13	ug/L	# 72
48) 2-Hexanone	8.146	43	23691	7.71	ug/L	# 91
59) 1,2,3-Trichloropropane	11.255	75	24780	5.41	ug/L	# 87

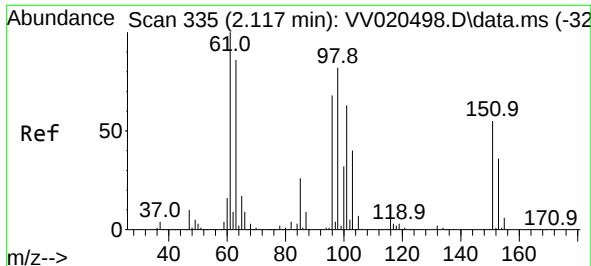
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 11 00:50:19 2021
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.74 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.010 min

Lab File: VV020502.D

Acq: 10 Mar 2021 17:54

Instrument :

MSVOA_V

ClientSampleId :

BG507

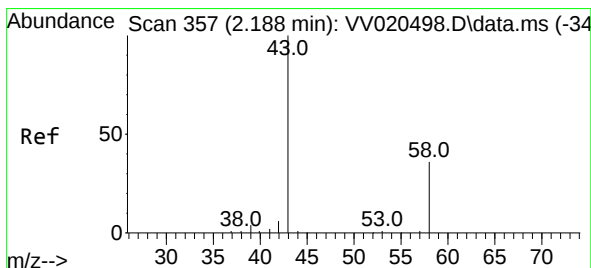
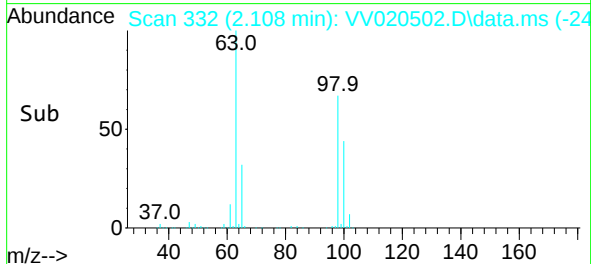
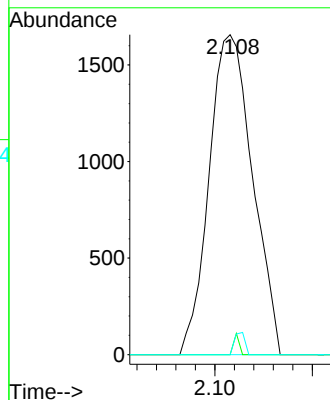
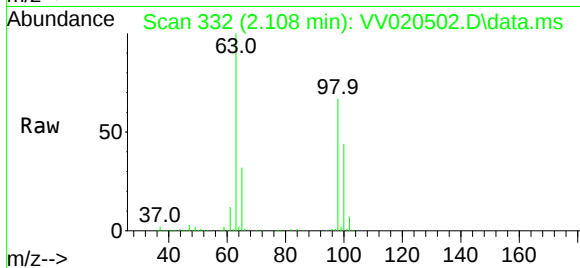
Tgt Ion:101 Resp: 2569

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 1.7 53.6 80.4#



#13

Acetone

Concen: 5.92 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.000 min

Lab File: VV020502.D

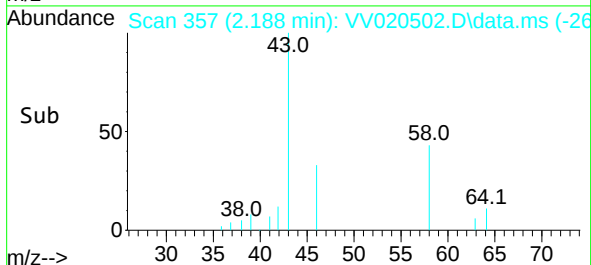
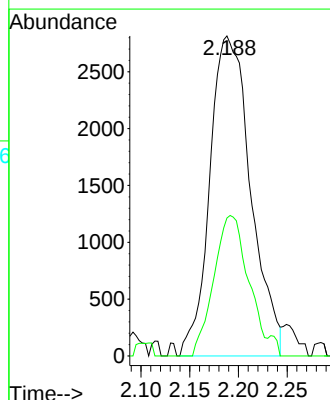
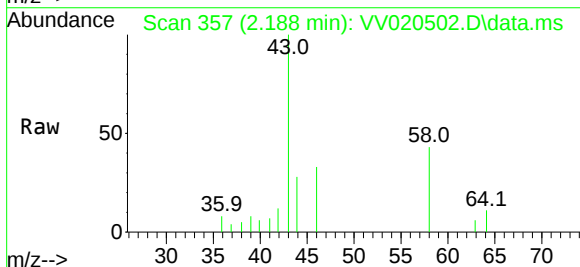
Acq: 10 Mar 2021 17:54

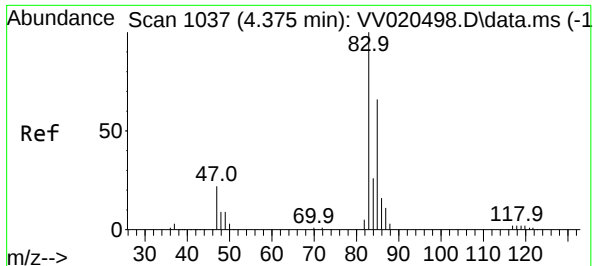
Tgt Ion: 43 Resp: 8226

Ion Ratio Lower Upper

43 100

58 36.9 0.0 60.2



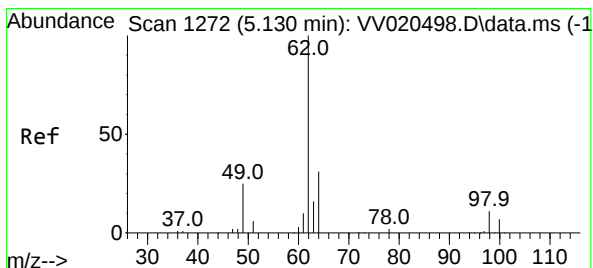
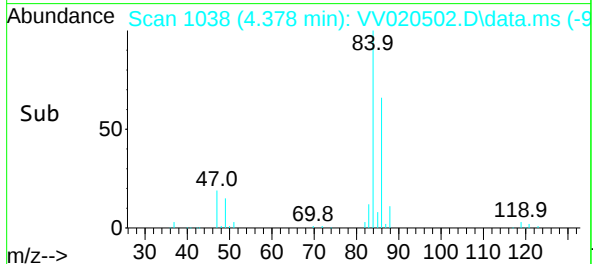
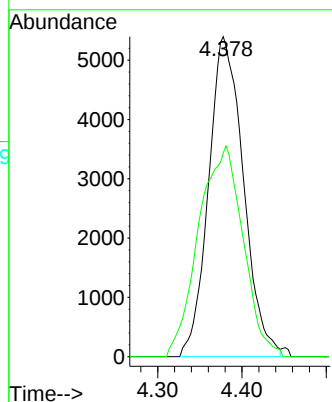
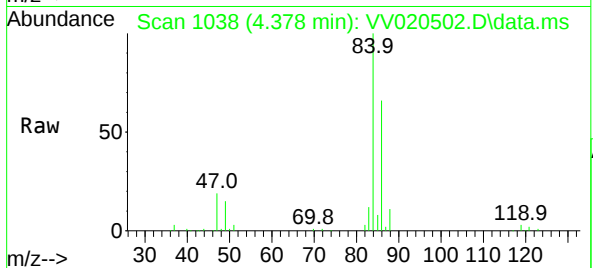


#25

Chloroform
Concen: 2.30 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020502.D
Acq: 10 Mar 2021 17:54

Instrument :
MSVOA_V
ClientSampled :
BG507

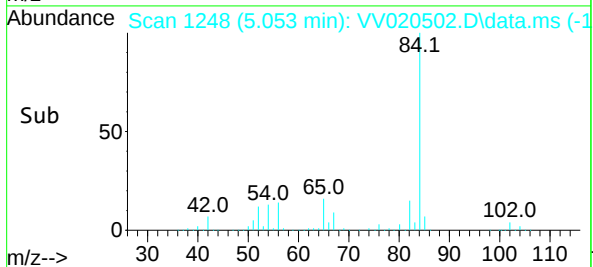
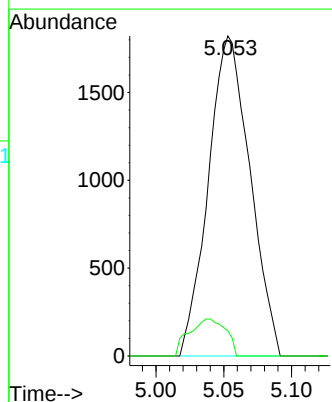
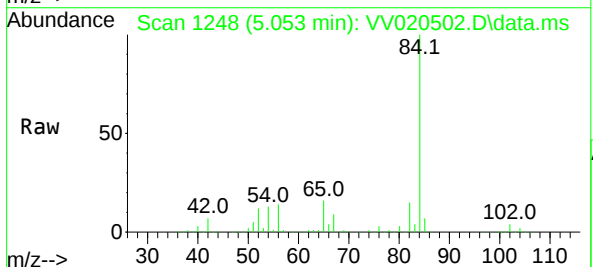
Tgt Ion: 83 Resp: 15474
Ion Ratio Lower Upper
83 100
85 63.7 44.2 82.2

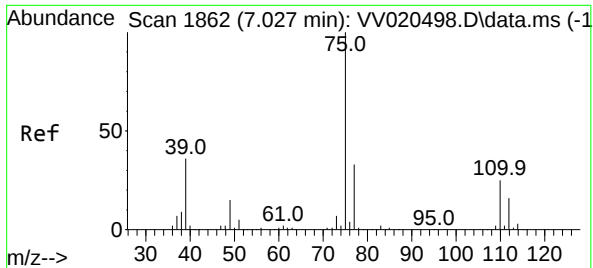


#27

1,2-Dichloroethane
Concen: 0.79 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV020502.D
Acq: 10 Mar 2021 17:54

Tgt Ion: 62 Resp: 3897
Ion Ratio Lower Upper
62 100
98 7.8 6.9 10.3

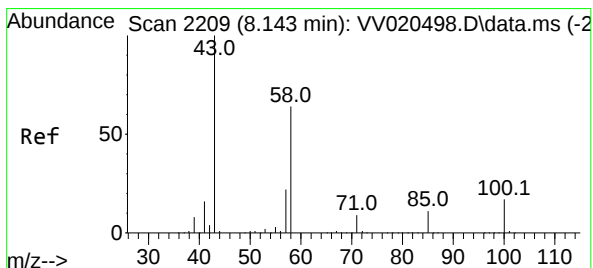
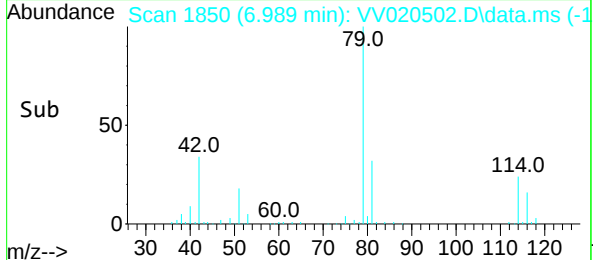
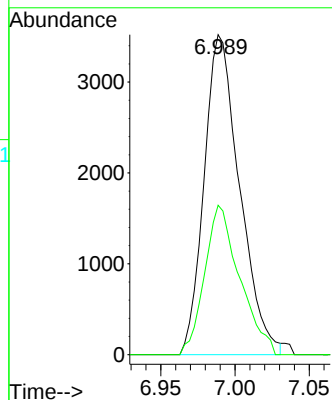
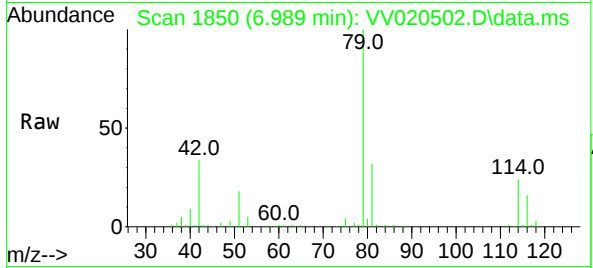




#39
 cis-1,3-Dichloropropene
 Concen: 1.13 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV020502.D
 Acq: 10 Mar 2021 17:54

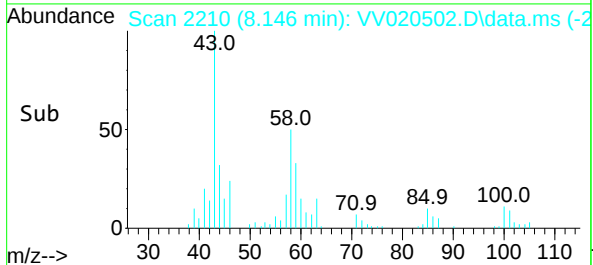
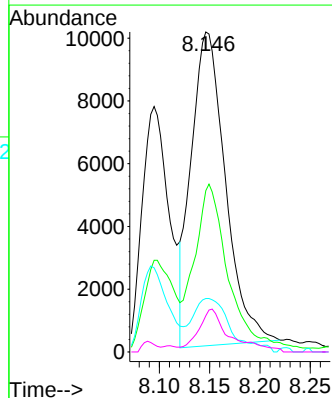
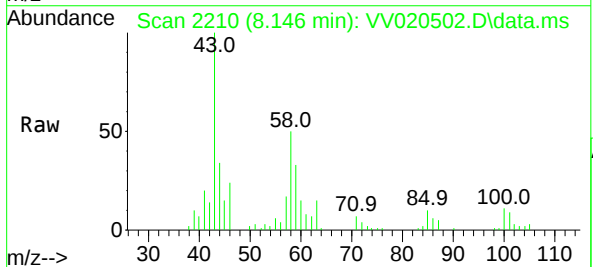
Instrument :
 MSVOA_V
 ClientSampled :
 BG507

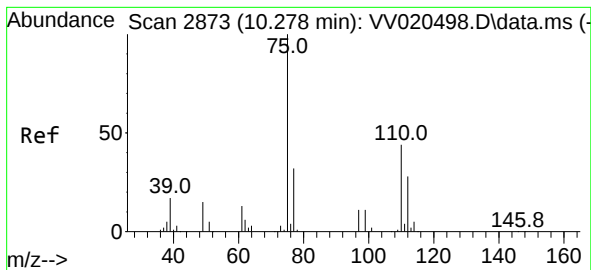
Tgt Ion: 75 Resp: 5860
 Ion Ratio Lower Upper
 75 100
 77 46.7 21.8 40.6#



#48
 2-Hexanone
 Concen: 7.71 ug/L
 RT: 8.146 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VV020502.D
 Acq: 10 Mar 2021 17:54

Tgt Ion: 43 Resp: 23691
 Ion Ratio Lower Upper
 43 100
 58 45.5 41.8 62.6
 57 13.9 15.0 22.4#
 100 8.5 8.9 13.3#





#59
 1,2,3-Trichloropropane
 Concen: 5.41 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020502.D
 Acq: 10 Mar 2021 17:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BG507

Tgt Ion: 75 Resp: 24780
 Ion Ratio Lower Upper
 75 100
 77 39.2 25.4 38.0#

