

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031121\
 Data File : VV020501.D
 Acq On : 10 Mar 2021 17:30
 Operator : SY/MD
 Sample : M1610-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG513

Quant Time: Mar 11 00:52:02 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)

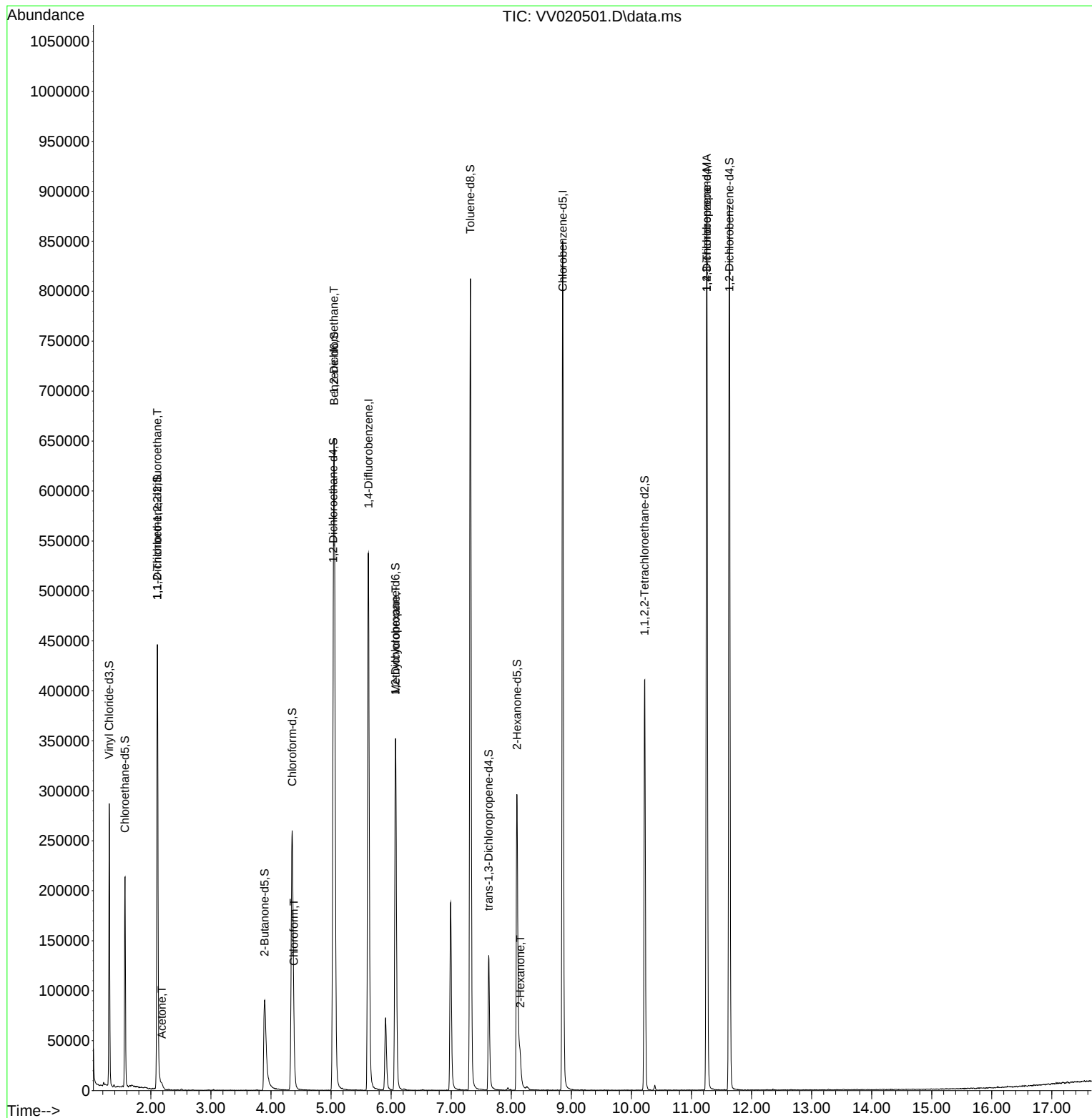
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	499696	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	492930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	247966	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	179044	48.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.78%		
7) Chloroethane-d5	1.568	69	136838	48.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.48%		
11) 1,1-Dichloroethene-d2	2.108	63	222070	35.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.96%		
21) 2-Butanone-d5	3.892	46	167641	90.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.38%		
24) Chloroform-d	4.352	84	281557	44.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.92%		
26) 1,2-Dichloroethane-d4	5.037	65	182864	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.00%		
32) Benzene-d6	5.053	84	599166	48.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.38%		
36) 1,2-Dichloropropane-d6	6.072	67	175120	46.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.18%		
41) Toluene-d8	7.320	98	562515	46.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.56%		
43) trans-1,3-Dichloroprop...	7.625	79	82149	45.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.82%		
47) 2-Hexanone-d5	8.095	63	99774	74.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.22%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	189177	37.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.98%		
64) 1,2-Dichlorobenzene-d4	11.632	152	247377	50.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.92%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2281	0.70	ug/L	# 23
13) Acetone	2.182	43	6722	5.19	ug/L	83
25) Chloroform	4.381	83	16484	2.63	ug/L	91
27) 1,2-Dichloroethane	5.050	62	3238	0.71	ug/L	96
35) Methylcyclohexane	6.076	83	45119	9.05	ug/L	# 17
48) 2-Hexanone	8.149	43	19808	6.82	ug/L	93
59) 1,2,3-Trichloropropane	11.255	75	23384	5.40	ug/L	89

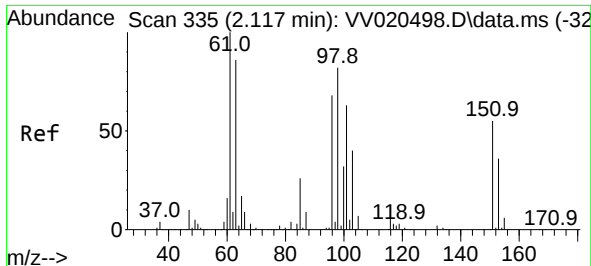
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 11 00:50:19 2021
Response via : Initial Calibration





#10

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

Concen: 0.70 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.010 min

Lab File: VV020501.D

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Instrument :

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ClientSampleId :

BG513

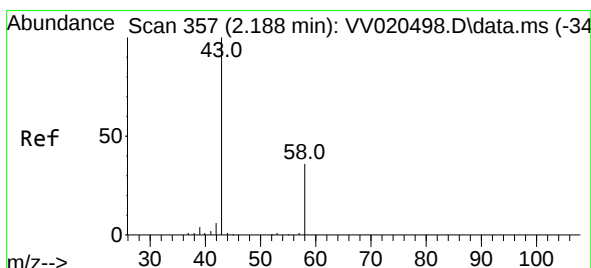
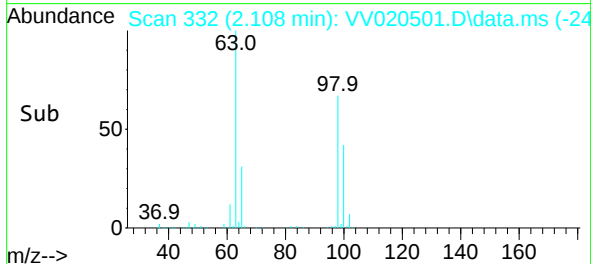
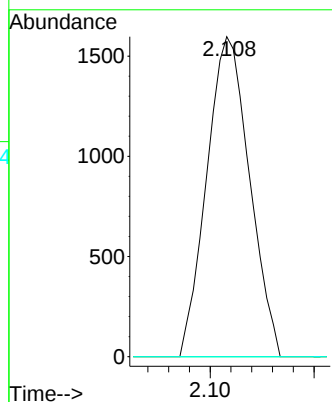
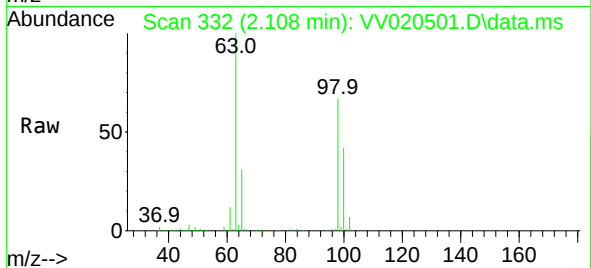
Tgt Ion:101 Resp: 2281

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 0.0 53.6 80.4#



#13

Acetone

Concen: 5.19 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.006 min

Lab File: VV020501.D

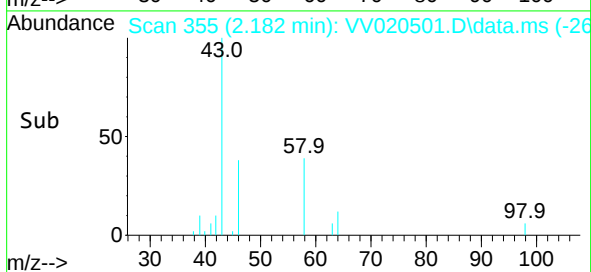
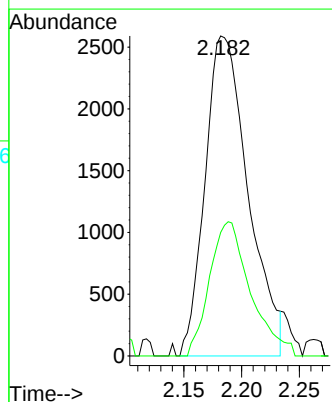
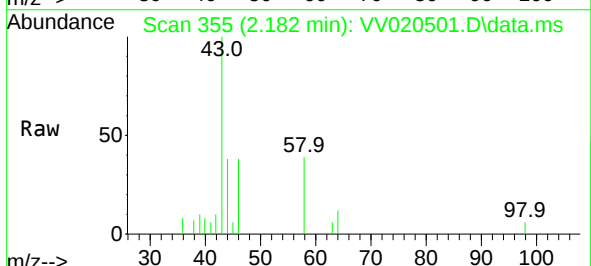
Acq: 10 Mar 2021 17:30

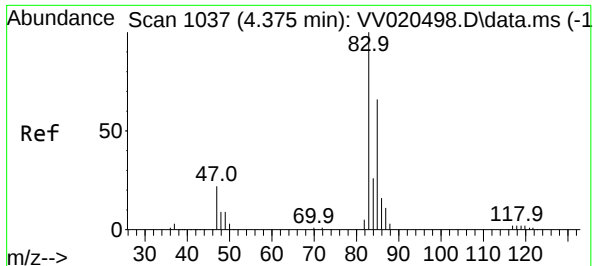
Tgt Ion: 43 Resp: 6722

Ion Ratio Lower Upper

43 100

58 39.5 0.0 60.2





#25

Chloroform

Concen: 2.63 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.007 min

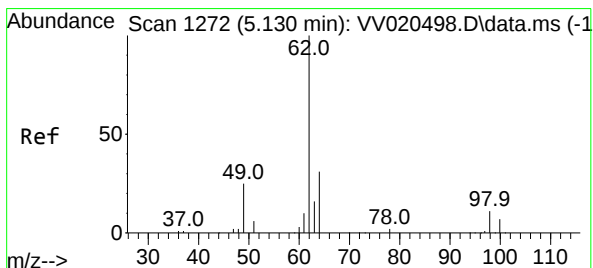
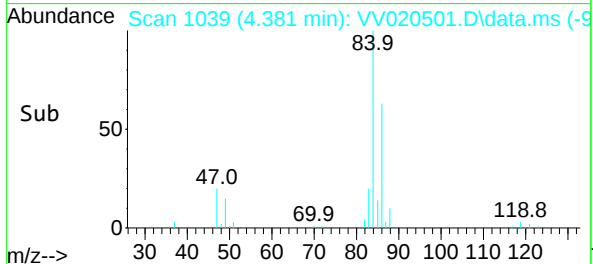
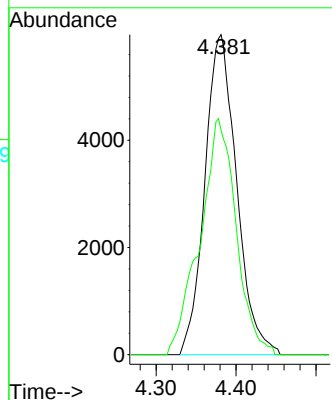
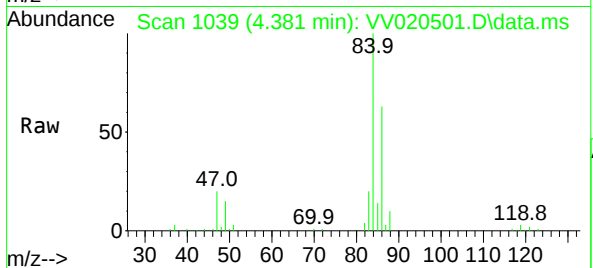
Lab File: VV020501.D

Acq: 10 Mar 2021 17:30

Instrument :
MSVOA_V
ClientSampleId :
BG513

Tgt Ion: 83 Resp: 16484

Ion	Ratio	Lower	Upper
83	100		
85	70.3	44.2	82.2



#27

1,2-Dichloroethane

Concen: 0.71 ug/L

RT: 5.050 min Scan# 1247

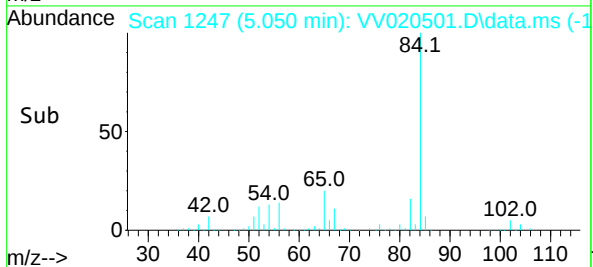
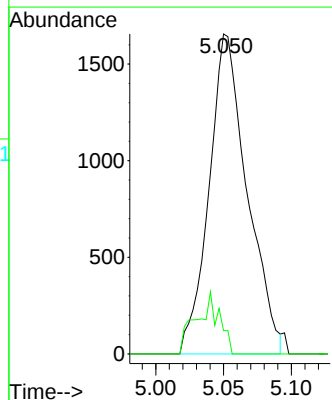
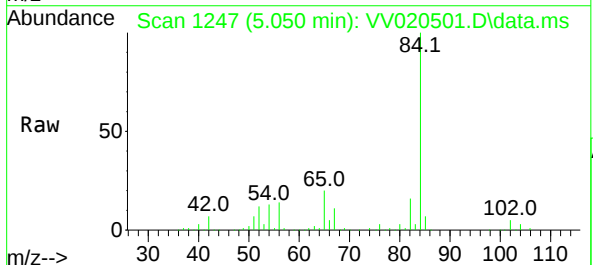
Delta R.T. -0.080 min

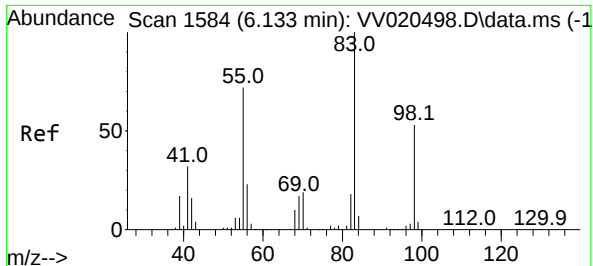
Lab File: VV020501.D

Acq: 10 Mar 2021 17:30

Tgt Ion: 62 Resp: 3238

Ion	Ratio	Lower	Upper
62	100		
98	7.3	6.9	10.3

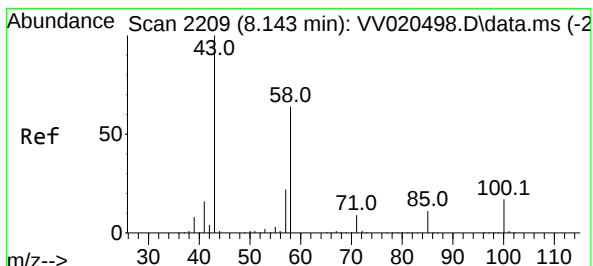
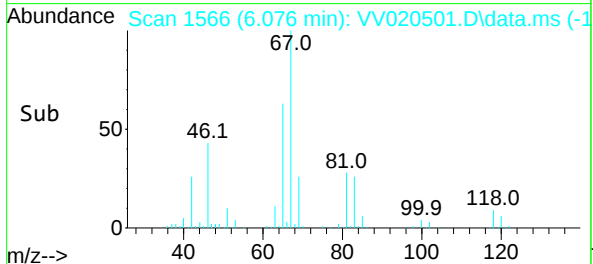
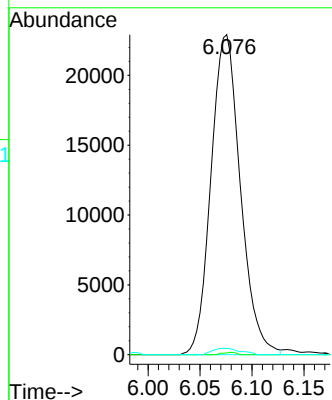
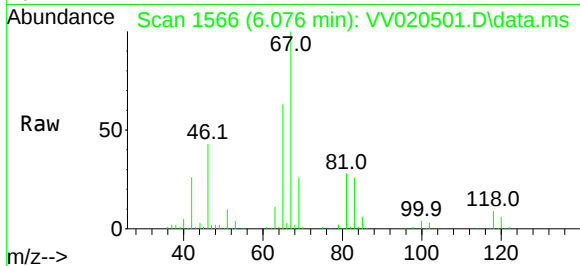




#35
Methylcyclohexane
Concen: 9.05 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV020501.D
Acq: 10 Mar 2021 17:30

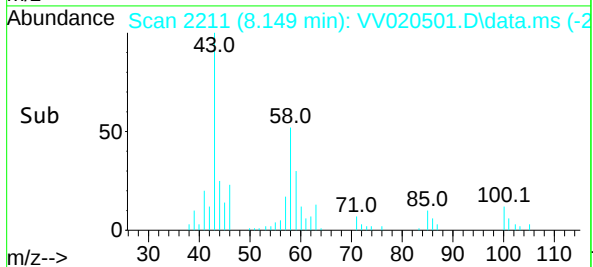
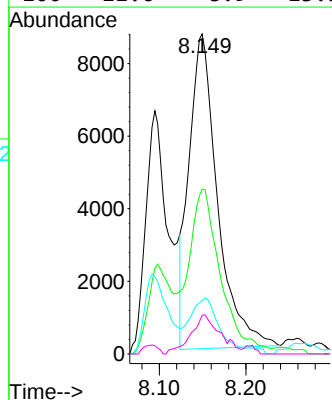
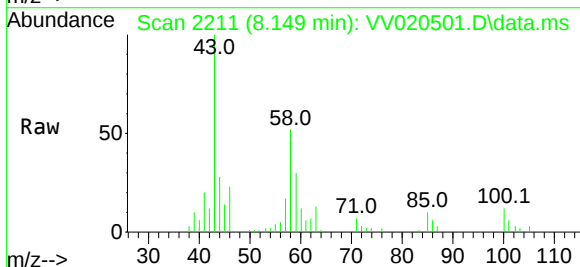
Instrument :
MSVOA_V
ClientSampleId :
BG513

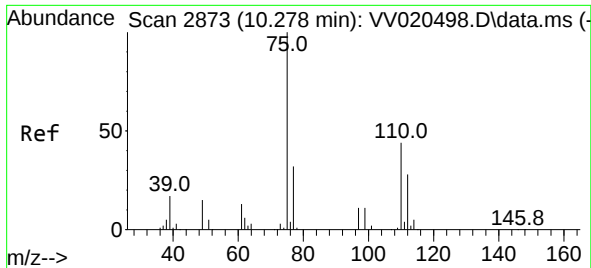
Tgt Ion: 83 Resp: 45119
Ion Ratio Lower Upper
83 100
55 0.3 65.1 97.7#
98 1.7 38.2 57.2#



#48
2-Hexanone
Concen: 6.82 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV020501.D
Acq: 10 Mar 2021 17:30

Tgt Ion: 43 Resp: 19808
Ion Ratio Lower Upper
43 100
58 46.5 41.8 62.6
57 15.4 15.0 22.4
100 11.6 8.9 13.3





#59
 1,2,3-Trichloropropane
 Concen: 5.40 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.978 min
 Lab File: VV020501.D
 Acq: 10 Mar 2021 17:30

Instrument :
 MSVOA_V
 ClientSampleId :
 BG513

Tgt Ion: 75 Resp: 23384
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.4 38.0

