

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120220\
 Data File : VV019445.D
 Acq On : 02 Dec 2020 13:39
 Operator : SY/MD
 Sample : L4920-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4C5

Quant Time: Dec 03 05:51:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 03 05:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	393265	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	392134	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186114	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	142762	36.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.70%
7) Chloroethane-d5	1.57	69	129930	40.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.28%
11) 1,1-Dichloroethene-d2	2.12	63	232547	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.89	46	208512	87.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.10%
24) Chloroform-d	4.37	84	271841	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
26) 1,2-Dichloroethane-d4	5.05	65	186920	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
32) Benzene-d6	5.07	84	531067	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
36) 1,2-Dichloropropane-d6	6.09	67	180529	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.33	98	452547	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%
43) trans-1,3-Dichloropropene-	7.64	79	81017	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.10	63	104649	68.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.85%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	185907	37.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.46%
64) 1,2-Dichlorobenzene-d4	11.64	152	178343	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%

Target Compounds

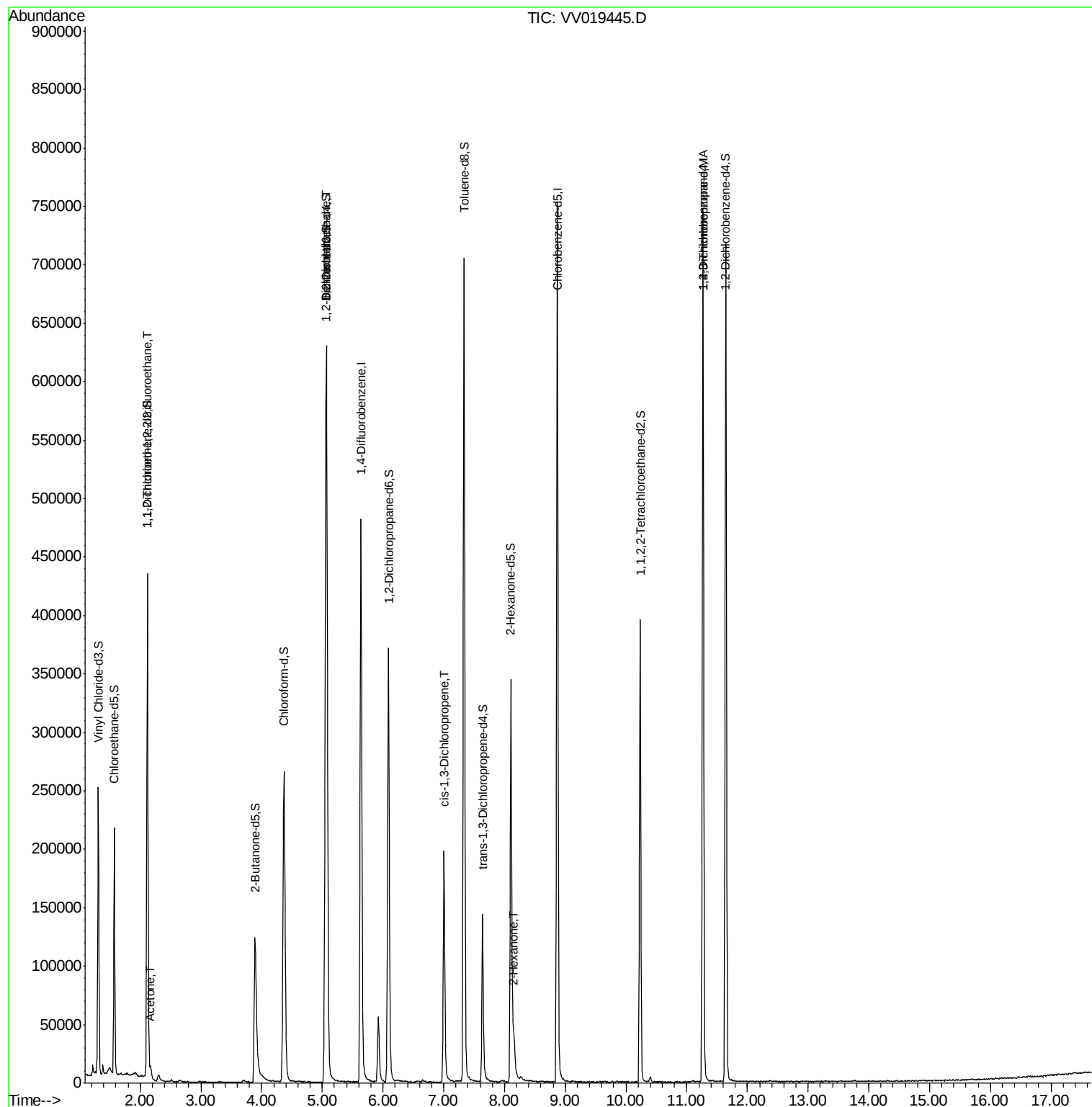
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2076	0.753 ug/L #	20
13) Acetone	2.17	43	7124	3.892 ug/L	91
27) 1,2-Dichloroethane	5.07	62	3189	0.690 ug/L #	74
39) cis-1,3-Dichloropropene	7.00	75	5008	1.047 ug/L #	63
48) 2-Hexanone	8.16	43	23954	6.626 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	22959	5.400 ug/L	95

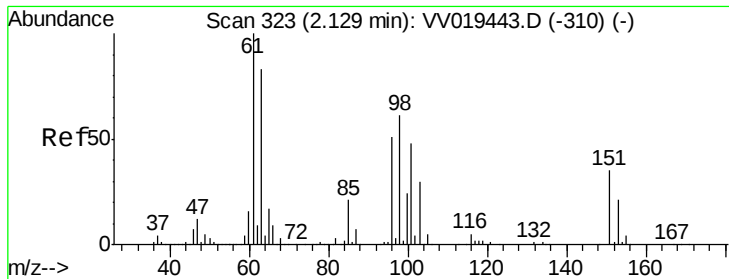
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 03 05:50:19 2020
Response via : Initial Calibration





#10

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

Concen: 0.753 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV019445.D

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MSVOA_V

ClientSampleId :

BG4C5

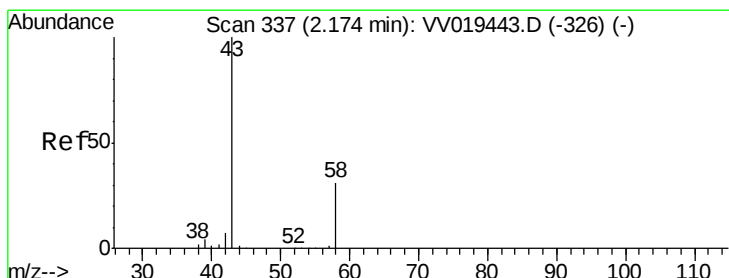
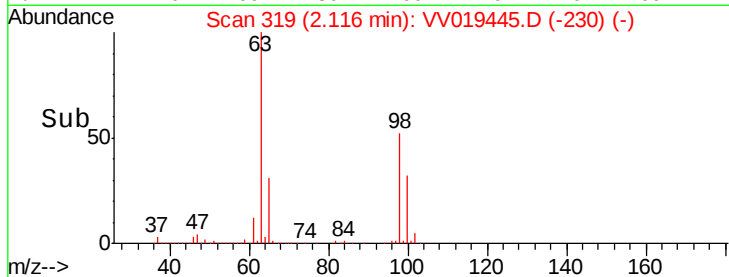
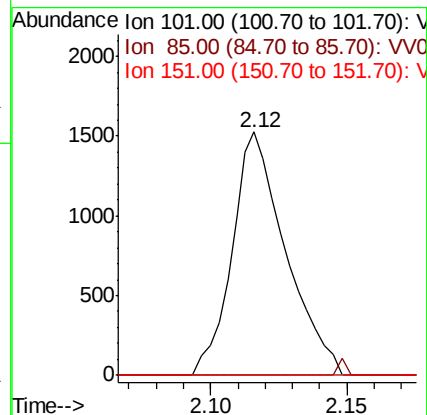
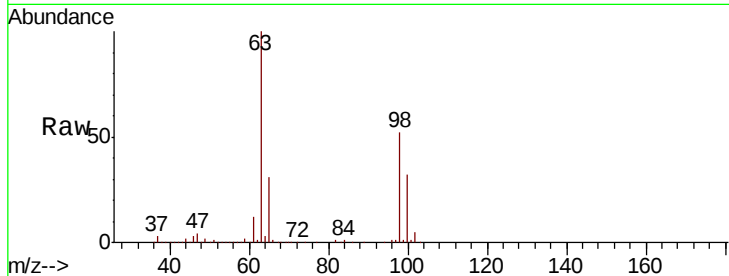
Tot Ion:101 Resp: 2076

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

151 0.0 58.9 88.3#



#13

Acetone

Concen: 3.892 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV019445.D

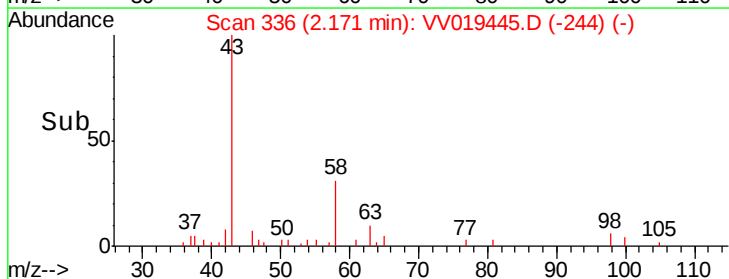
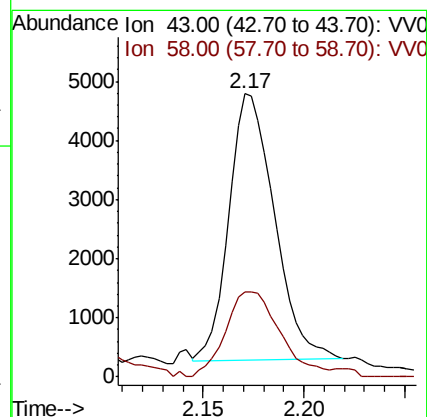
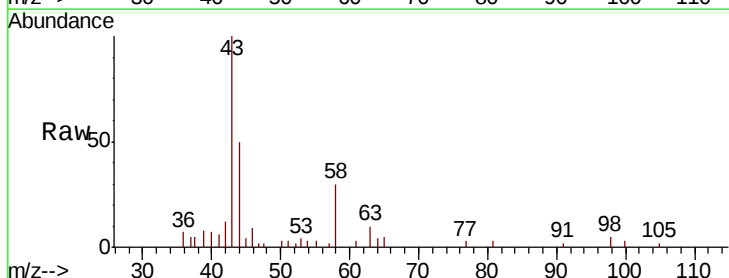
Acq: 02 Dec 2020 13:39

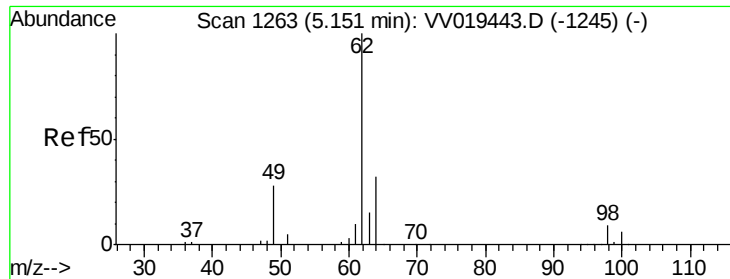
Tgt Ion: 43 Resp: 7124

Ion Ratio Lower Upper

43 100

58 38.2 0.0 66.4

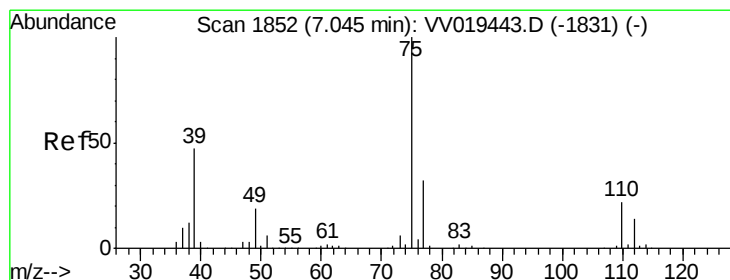
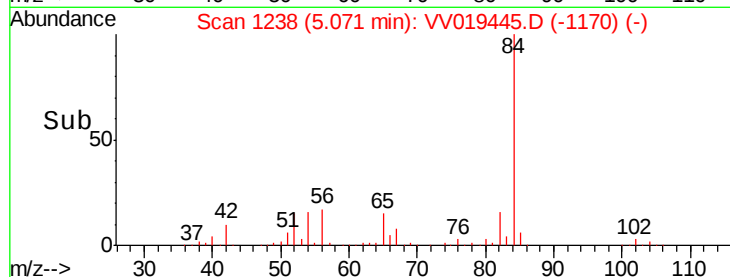
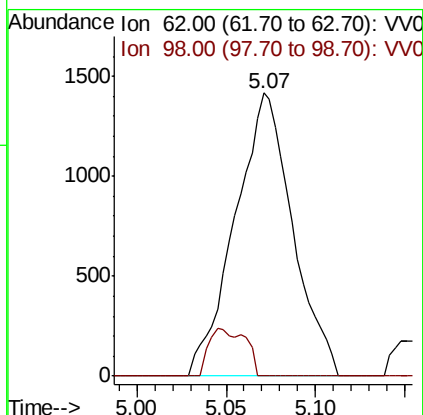
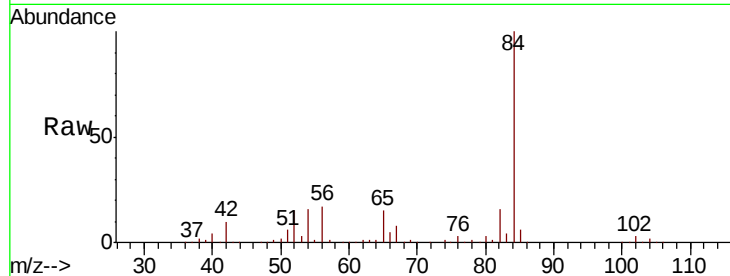




#27
 1,2-Dichloroethane
 Concen: 0.690 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV019445.D
 Acq: 02 Dec 2020 13:39

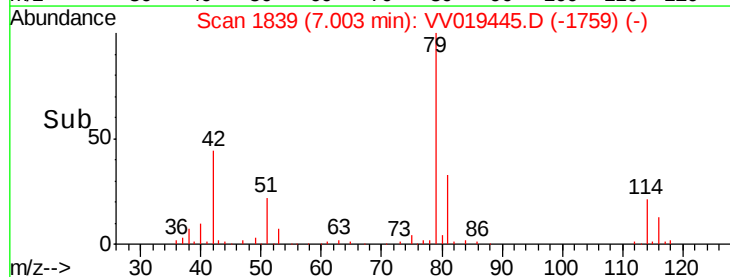
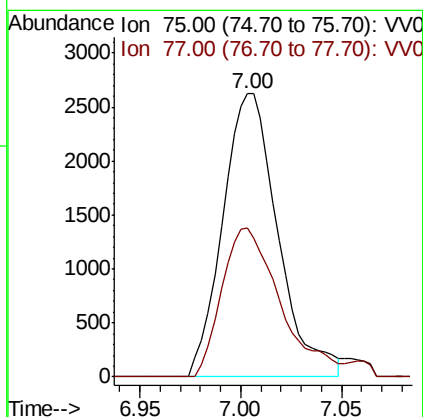
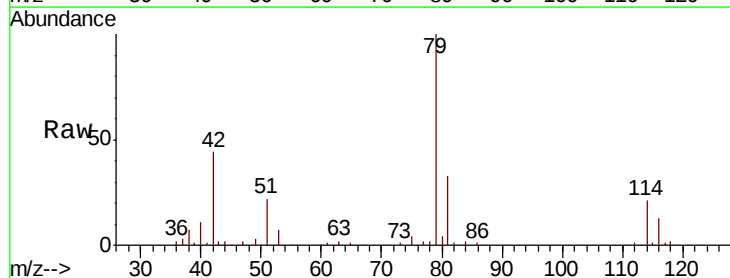
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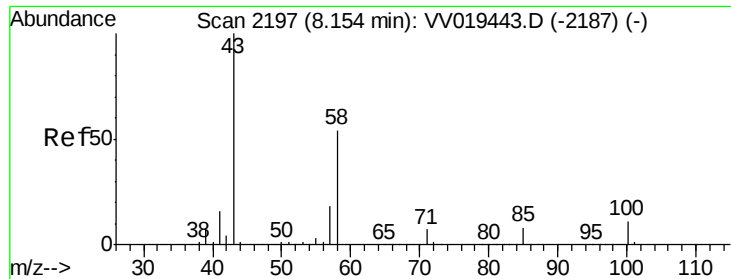
Tot Ion: 62 Resp: 3189
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#39
 cis-1,3-Dichloropropene
 Concen: 1.047 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV019445.D
 Acq: 02 Dec 2020 13:39

Tgt Ion: 75 Resp: 5008
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.5 41.7#

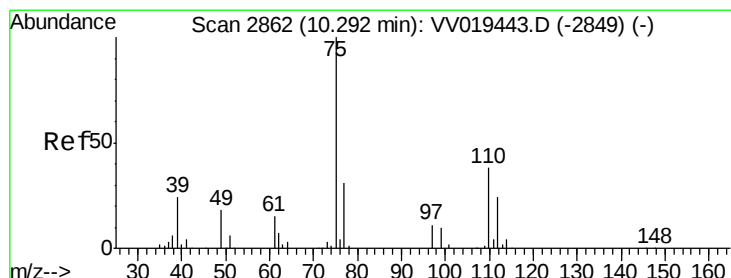
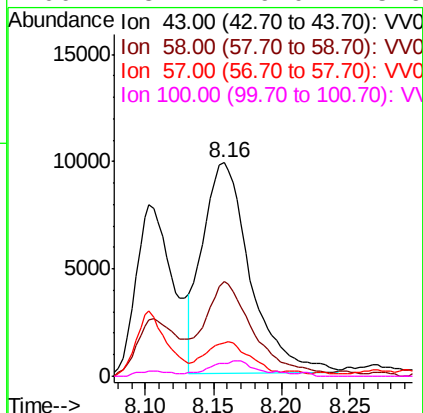
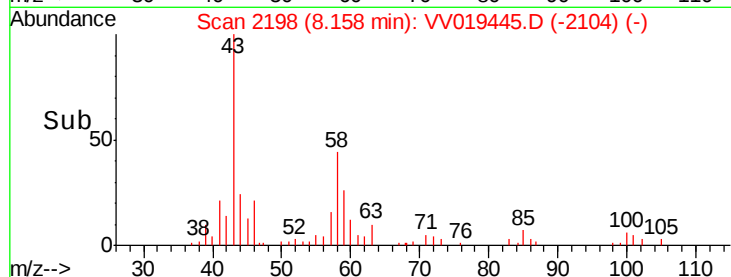
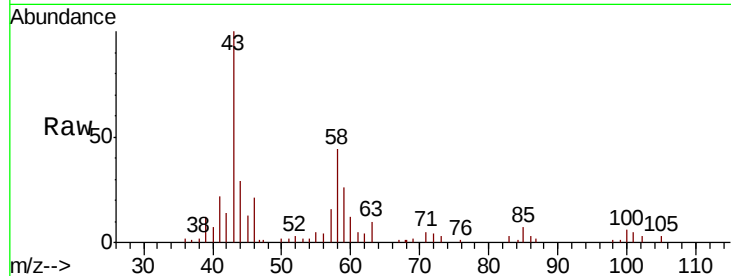




#48
2-Hexanone
Concen: 6.626 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019445.D
Acq: 02 Dec 2020 13:39

Instrument :
MSVOA_V
ClientSampled :
BG4C5

Tot Ion: 43 Resp: 23954
Ion Ratio Lower Upper
43 100
58 44.6 43.8 65.6
57 13.5 15.4 23.2#
100 5.1 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 5.400 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019445.D
Acq: 02 Dec 2020 13:39

Tgt Ion: 75 Resp: 22959
Ion Ratio Lower Upper
75 100
77 34.1 25.2 37.8

