

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120220\
 Data File : VV019446.D
 Acq On : 02 Dec 2020 14:04
 Operator : SY/MD
 Sample : L4920-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4D0

Quant Time: Dec 03 05:51:25 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	348753	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	141663	40.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.34%
7) Chloroethane-d5	1.57	69	128449	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.12	63	225810	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.84%
21) 2-Butanone-d5	3.89	46	217239	102.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.33%
24) Chloroform-d	4.37	84	269199	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.05	65	184733	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
32) Benzene-d6	5.07	84	520157	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
36) 1,2-Dichloropropane-d6	6.09	67	176950	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.08%
41) Toluene-d8	7.33	98	446983	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%
43) trans-1,3-Dichloropropene-	7.64	79	80741	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.10	63	105826	77.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.48%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	184784	41.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	174235	54.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.84%

Target Compounds

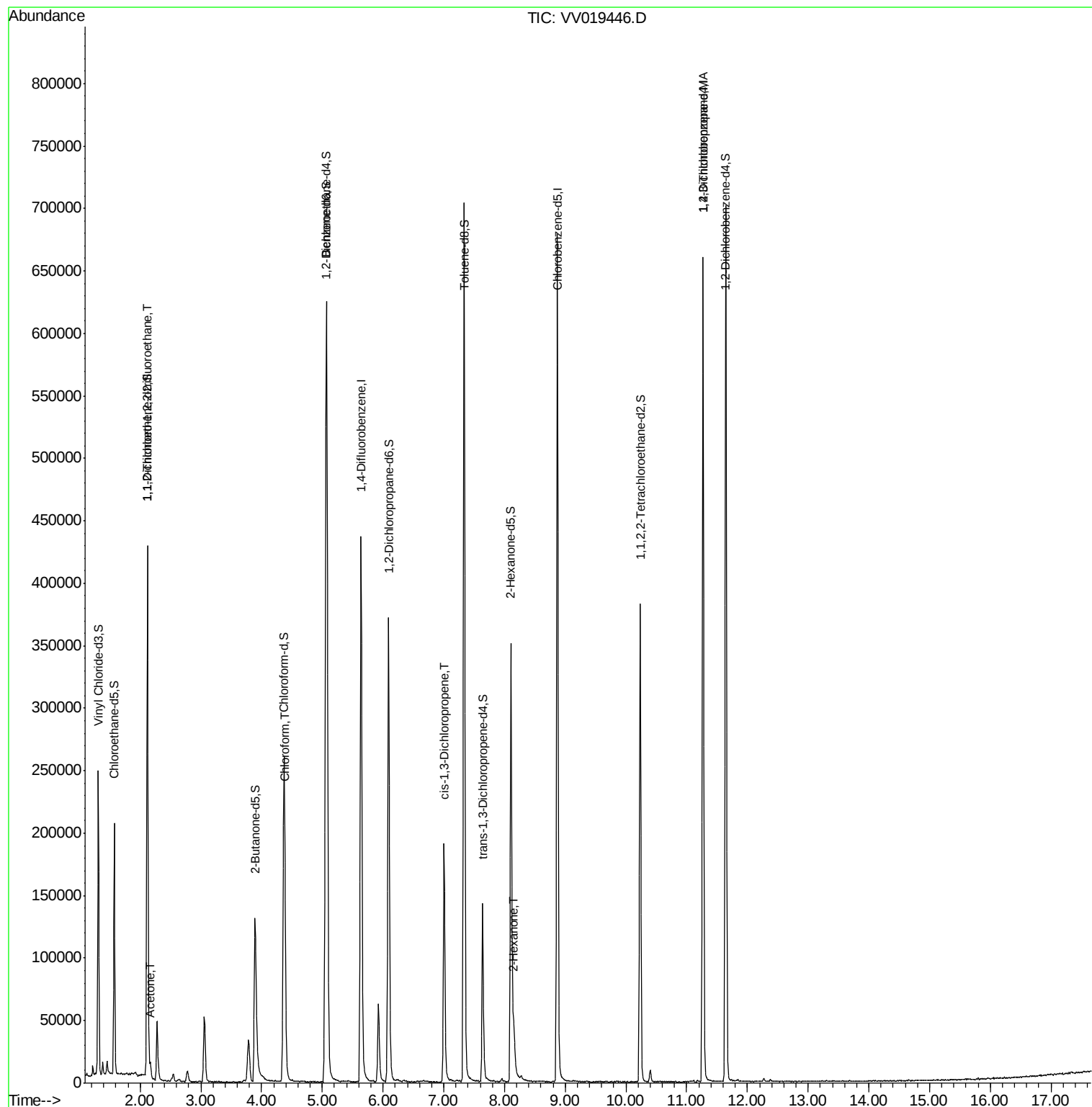
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1881	0.769 ug/L #	20
13) Acetone	2.17	43	8334	5.134 ug/L	100
25) Chloroform	4.39	83	4954	0.949 ug/L #	62
39) cis-1,3-Dichloropropene	7.01	75	4872	1.134 ug/L #	82
48) 2-Hexanone	8.15	43	24748	7.618 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	21188	5.545 ug/L	97

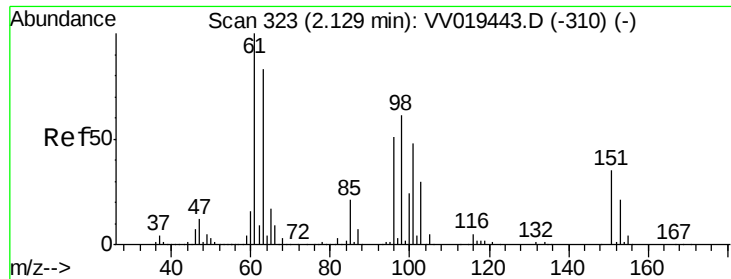
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.769 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV019446.D

Acq: 02 Dec 2020 14:04

Instrument :

MSVOA_V

ClientSampleId :

BG4D0

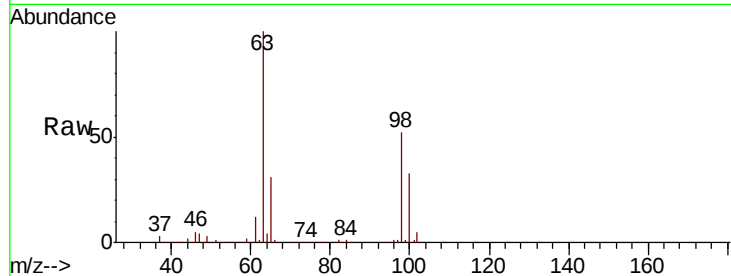
Tot Ion:101 Resp: 1881

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

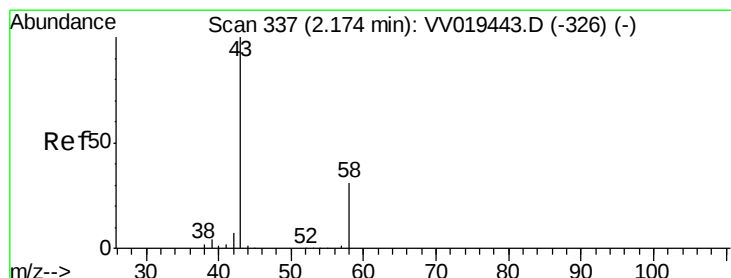
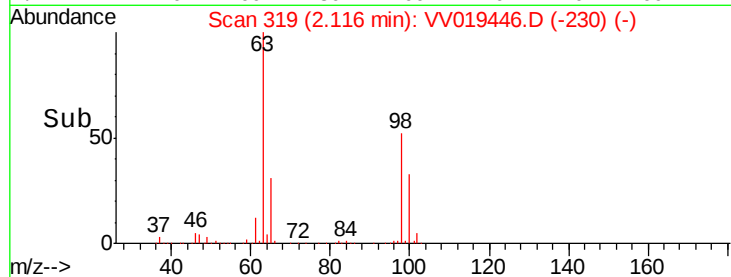
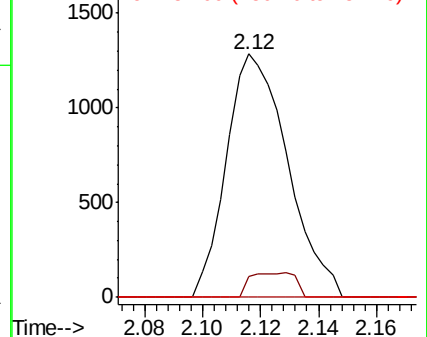
151 0.0 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.134 ug/L

RT: 2.17 min Scan# 335

Delta R.T. -0.01 min

Lab File: VV019446.D

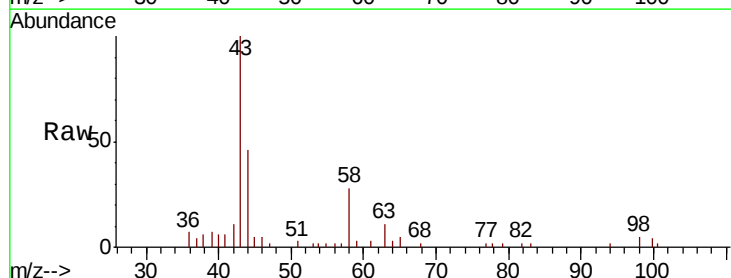
Acq: 02 Dec 2020 14:04

Tgt Ion: 43 Resp: 8334

Ion Ratio Lower Upper

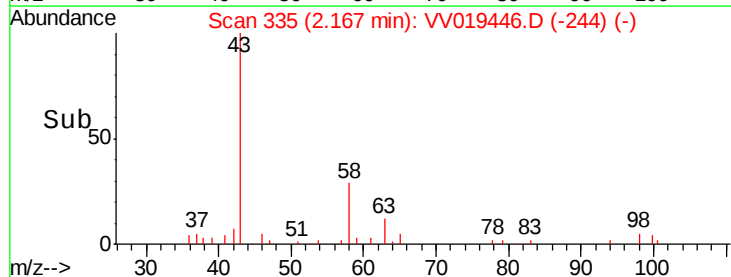
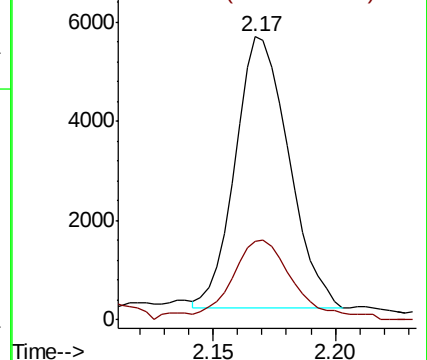
43 100

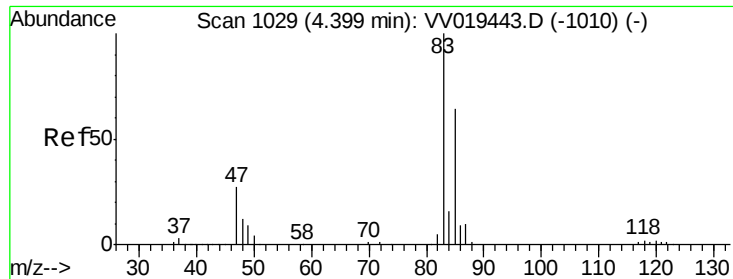
58 33.1 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

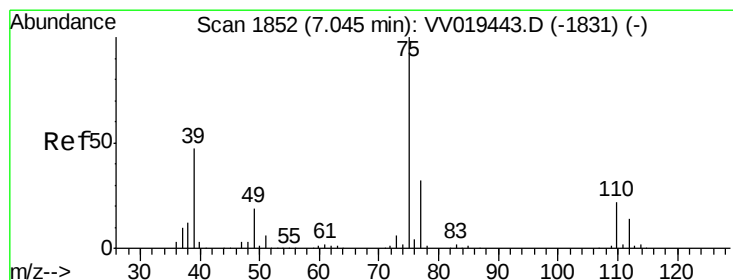
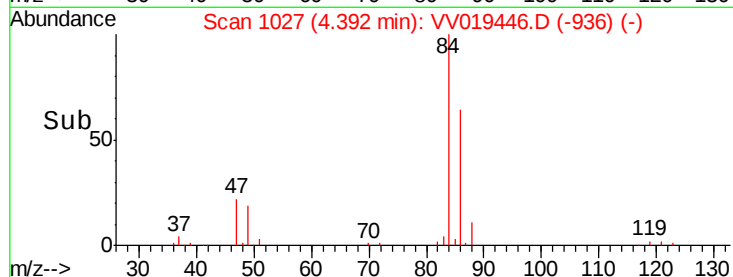
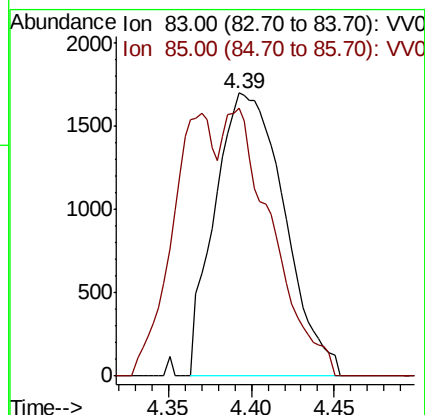
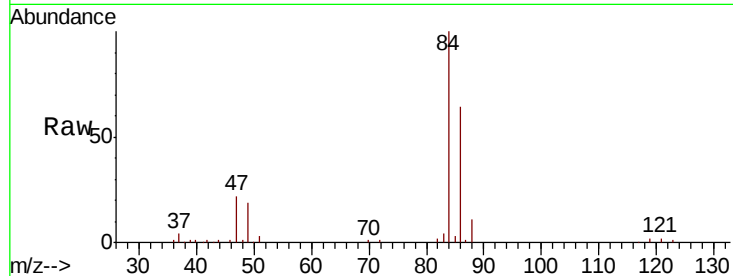




#25
Chloroform
Concen: 0.949 ug/L
RT: 4.39 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VV019446.D
Acq: 02 Dec 2020 14:04

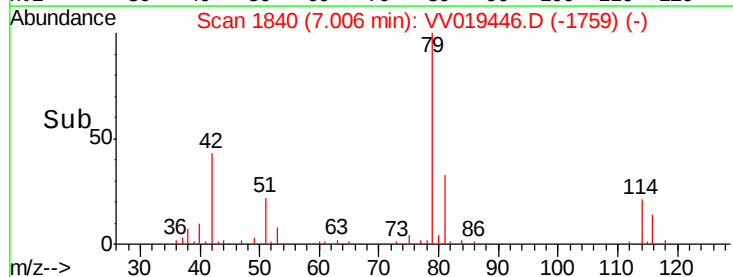
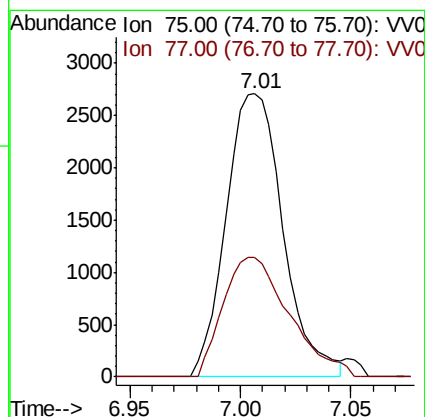
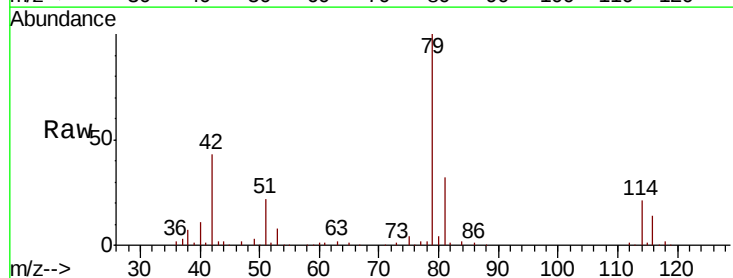
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BG4D0

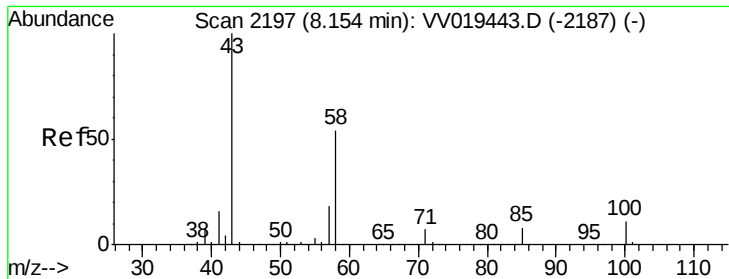
Tot Ion: 83 Resp: 4954
Ion Ratio Lower Upper
83 100
85 94.7 45.1 83.9#



#39
cis-1,3-Dichloropropene
Concen: 1.134 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019446.D
Acq: 02 Dec 2020 14:04

Tgt Ion: 75 Resp: 4872
Ion Ratio Lower Upper
75 100
77 42.1 22.5 41.7#

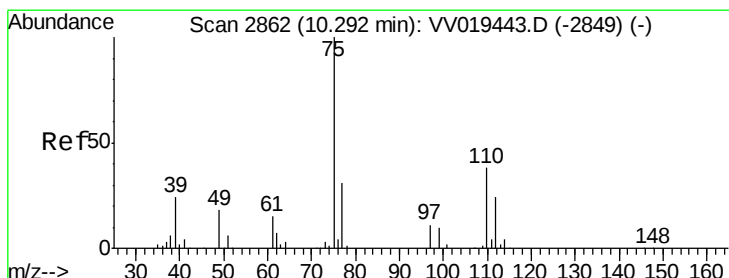
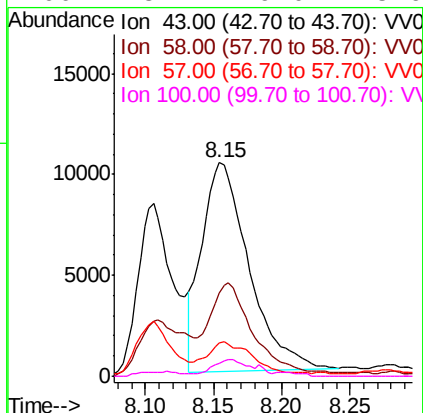
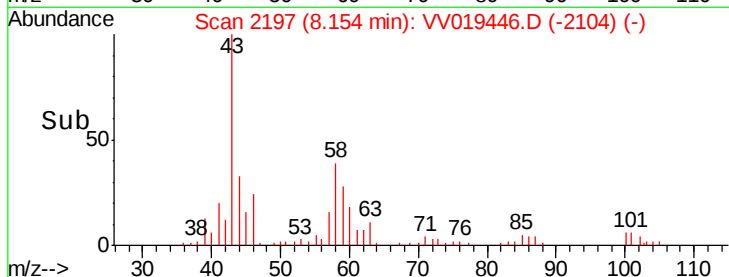
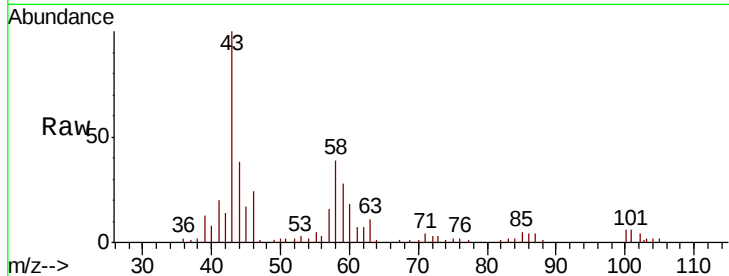




#48
2-Hexanone
Concen: 7.618 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VV019446.D
Acq: 02 Dec 2020 14:04

Instrument :
MSVOA_V
ClientSampleID :
BG4D0

Tot Ion: 43 Resp: 24748
Ion Ratio Lower Upper
43 100
58 37.4 43.8 65.6#
57 4.6 15.4 23.2#
100 5.1 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 5.545 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019446.D
Acq: 02 Dec 2020 14:04

Tgt Ion: 75 Resp: 21188
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8

