

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019497.D
 Acq On : 07 Dec 2020 18:02
 Operator : SY/MD
 Sample : L4955-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4H4

Quant Time: Dec 08 03:06:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 03:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303934	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129335	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71930	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.02%
7) Chloroethane-d5	1.58	69	98392	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.52%
11) 1,1-Dichloroethene-d2	2.12	63	193428	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
21) 2-Butanone-d5	3.89	46	152591	105.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	4.37	84	233283	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	5.05	65	168188	57.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.20%
32) Benzene-d6	5.07	84	467773	56.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.12%
36) 1,2-Dichloropropane-d6	6.09	67	155793	54.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.68%
41) Toluene-d8	7.33	98	395606	54.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.88%
43) trans-1,3-Dichloropropene-	7.64	79	71063	52.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.82%
47) 2-Hexanone-d5	8.10	63	74387	89.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.27%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	160667	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	137542	58.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.24%

Target Compounds

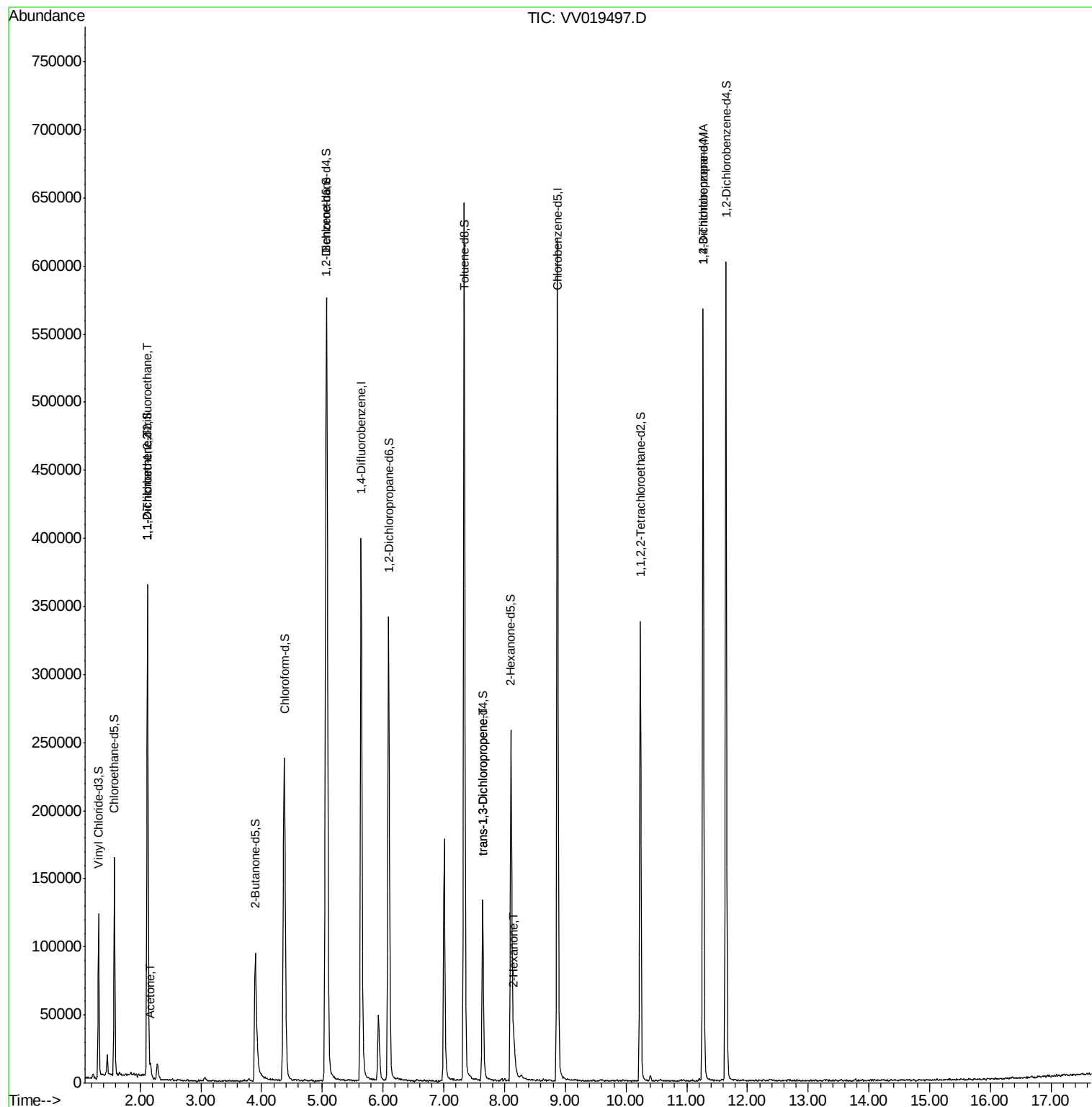
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1862	1.077 ug/L #	25
12) 1,1-Dichloroethene	2.12	96	1665	1.027 ug/L #	1
13) Acetone	2.17	43	6807	3.951 ug/L	89
44) trans-1,3-Dichloropropene	7.64	75	3354	0.933 ug/L #	72
48) 2-Hexanone	8.16	43	16441	5.462 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	19546	6.249 ug/L	93

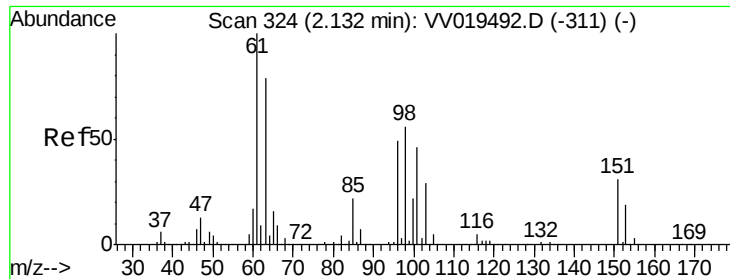
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 08 03:05:02 2020
Response via : Initial Calibration





#10

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

Concen: 1.077 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019497.D

Acq: 07 Dec 2020 18:02

Instrument :

MSVOA_V

ClientSampleId :

BG4H4

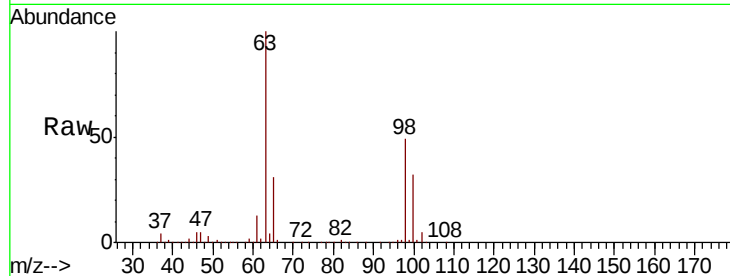
Tot Ion:101 Resp: 1862

Ion Ratio Lower Upper

101 100

85 5.3 37.3 55.9#

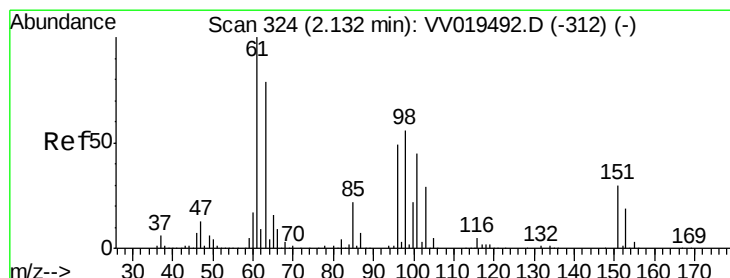
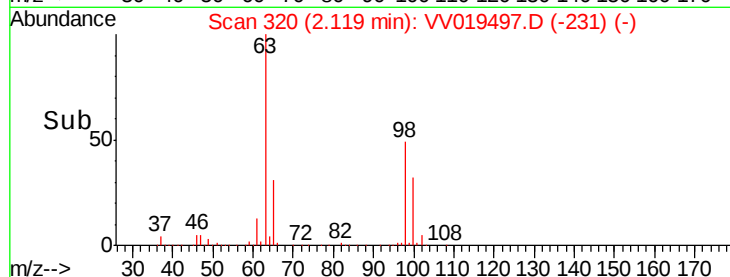
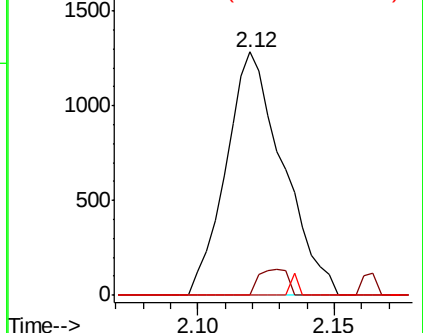
151 0.0 53.3 79.9#



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



#12

1,1-Dichloroethene

Concen: 1.027 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019497.D

Acq: 07 Dec 2020 18:02

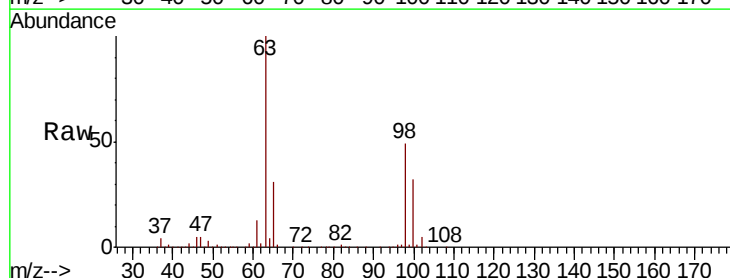
Tgt Ion: 96 Resp: 1665

Ion Ratio Lower Upper

96 100

61 1677.4 144.8 268.8#

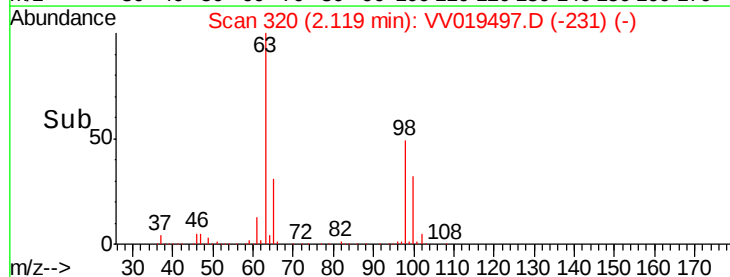
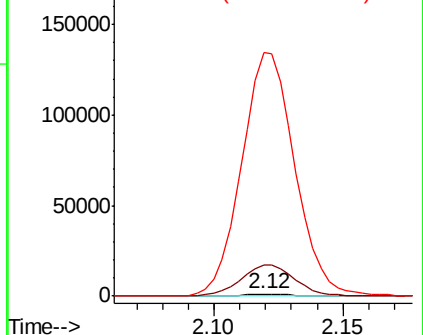
63 13273.8 110.0 204.2#

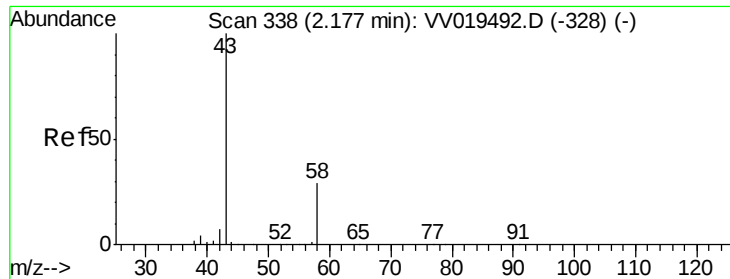


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.951 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.01 min

Lab File: VV019497.D

Acq: 07 Dec 2020 18:02

Instrument :

MSVOA_V

ClientSampled :

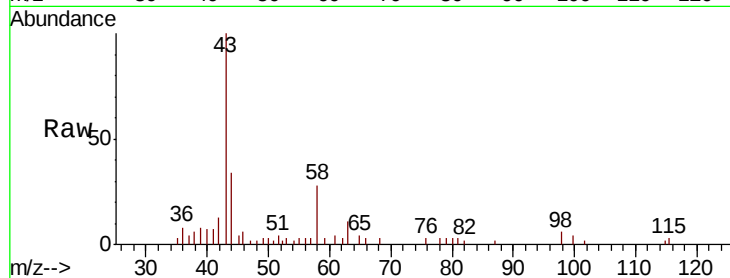
BG4H4

Tot Ion: 43 Resp: 6807

Ion Ratio Lower Upper

43 100

58 34.8 0.0 58.0



Abundance Ion 43.00 (42.70 to 43.70): VV019492.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV019492.D (-328) (-)

2.17

4000

3000

2000

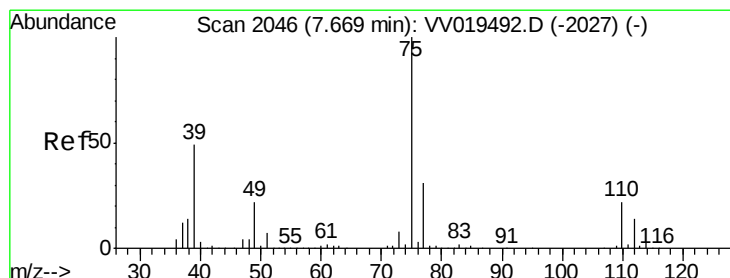
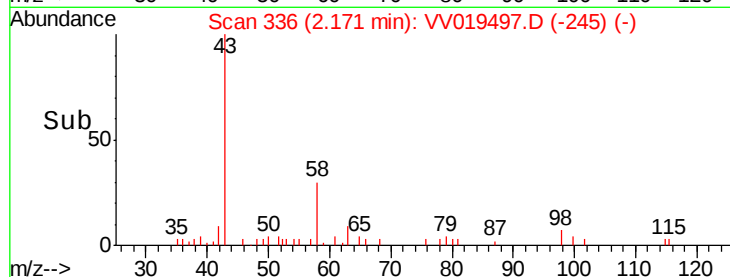
1000

0

2.15

2.20

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV019497.D

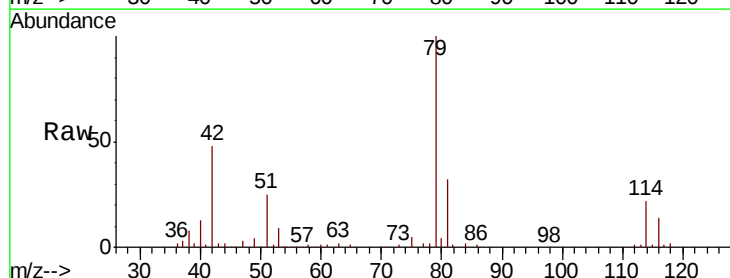
Acq: 07 Dec 2020 18:02

Tgt Ion: 75 Resp: 3354

Ion Ratio Lower Upper

75 100

77 48.3 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV019492.D (-2027) (-)

Ion 77.00 (76.70 to 77.70): VV019492.D (-2027) (-)

7.64

2000

1500

1000

500

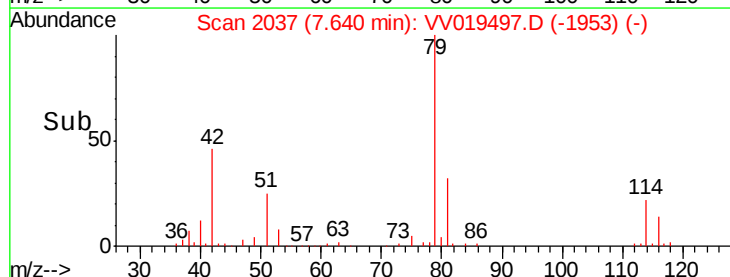
0

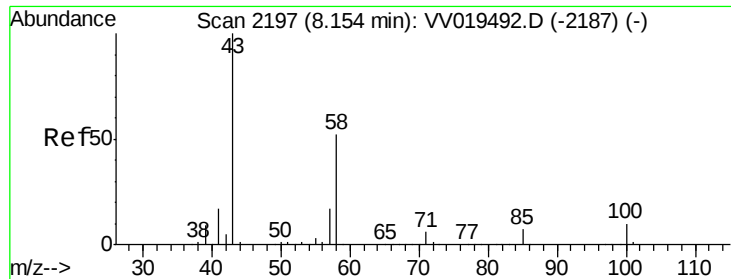
7.60

7.65

7.70

Time-->

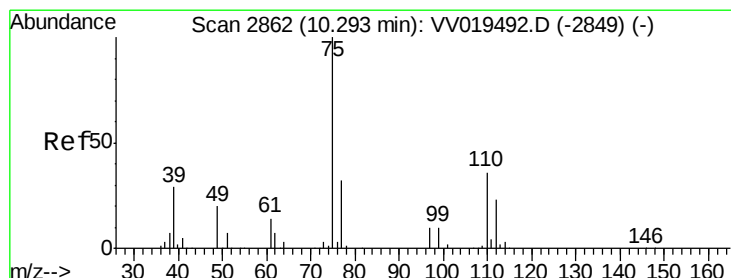
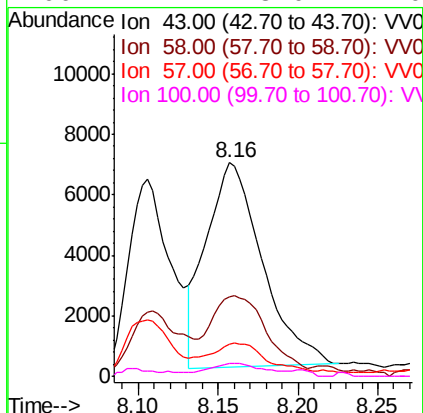
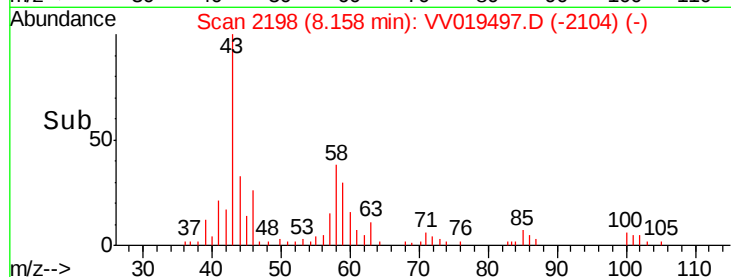
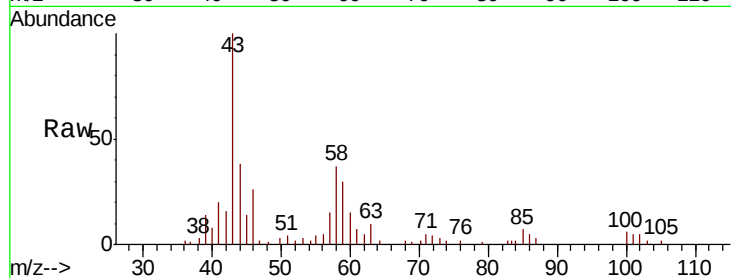




#48
2-Hexanone
Concen: 5.462 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019497.D
Acq: 07 Dec 2020 18:02

Instrument :
MSVOA_V
ClientSampled :
BG4H4

Tot Ion: 43 Resp: 16441
Ion Ratio Lower Upper
43 100
58 36.7 41.0 61.6#
57 11.0 14.2 21.2#
100 4.4 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 6.249 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019497.D
Acq: 07 Dec 2020 18:02

Tgt Ion: 75 Resp: 19546
Ion Ratio Lower Upper
75 100
77 35.8 25.5 38.3

