

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120420\
 Data File : VV019478.D
 Acq On : 04 Dec 2020 15:05
 Operator : SY/MD
 Sample : L4955-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4D2

Quant Time: Dec 05 02:41:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305823	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139497	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	98480	32.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.48%
7) Chloroethane-d5	1.58	69	95022	38.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.44%
11) 1,1-Dichloroethene-d2	2.12	63	171131	31.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.96%
21) 2-Butanone-d5	3.89	46	197932	106.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.32%
24) Chloroform-d	4.37	84	235840	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	5.05	65	170683	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
32) Benzene-d6	5.07	84	453870	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
36) 1,2-Dichloropropane-d6	6.09	67	159843	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.96%
41) Toluene-d8	7.33	98	380477	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.64	79	67659	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.11	63	94936	79.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.12%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	165478	41.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	142372	52.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.10%

Target Compounds

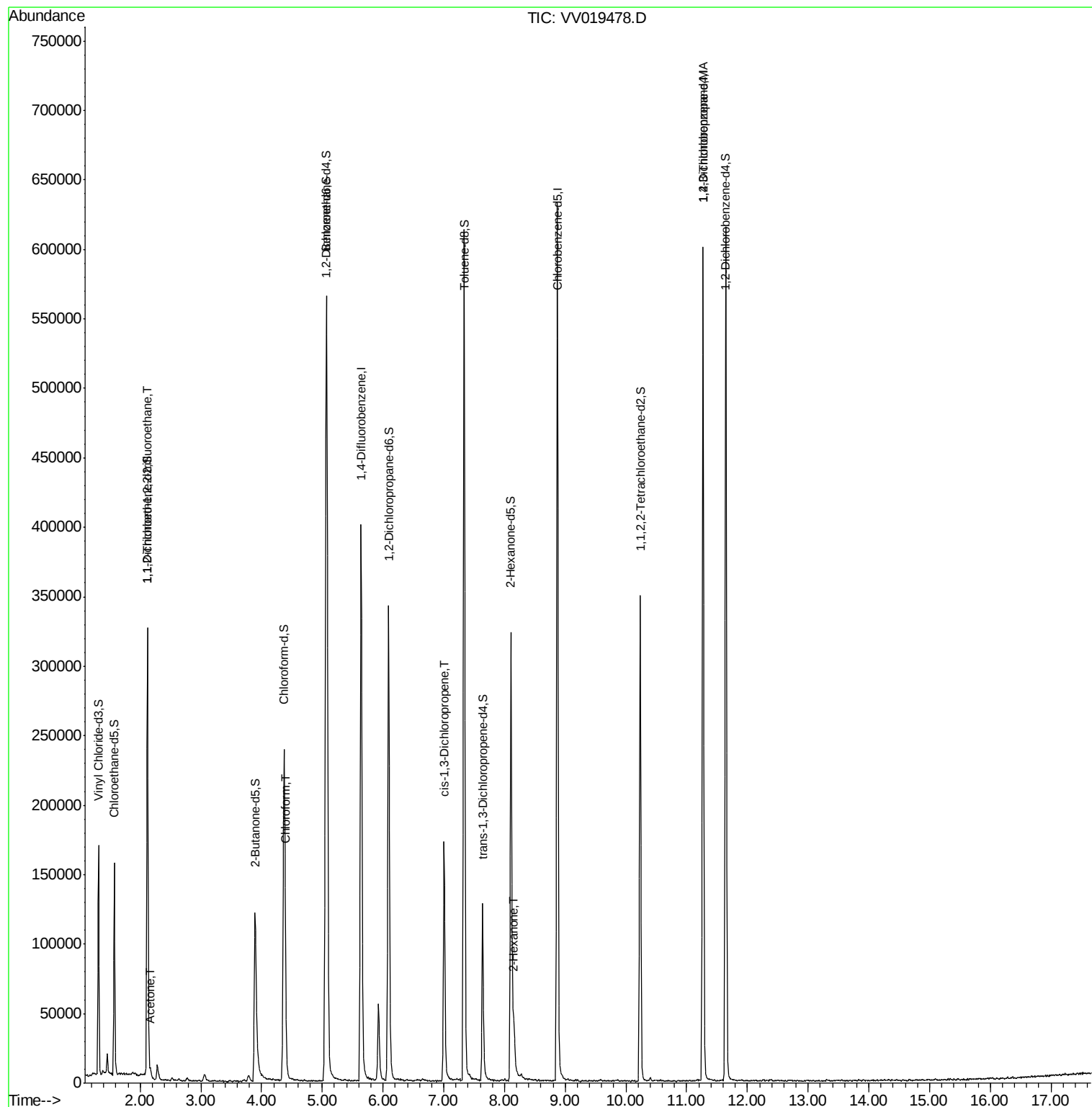
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1487	0.693 ug/L #	24
13) Acetone	2.17	43	5436	3.819 ug/L	94
25) Chloroform	4.40	83	5423	1.184 ug/L	80
39) cis-1,3-Dichloropropene	7.01	75	4480	1.187 ug/L #	75
48) 2-Hexanone	8.16	43	22988	8.055 ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	20471	6.098 ug/L	93

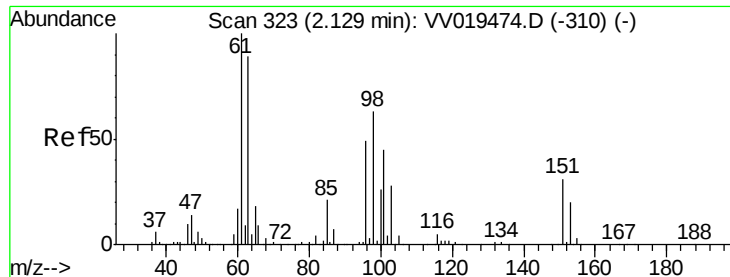
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 05 02:40:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.693 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019478.D

Acq: 04 Dec 2020 15:05

Instrument :

MSVOA_V

ClientSampleId :

BG4D2

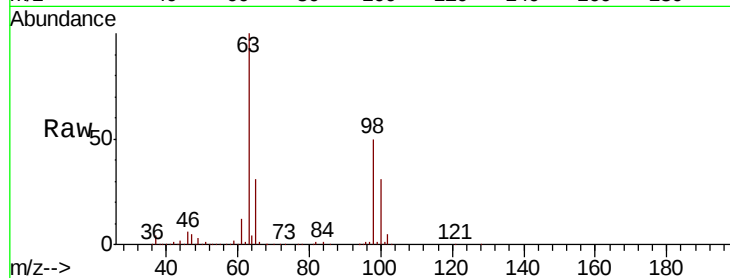
Tot Ion:101 Resp: 1487

Ion Ratio Lower Upper

101 100

85 1.3 35.5 53.3#

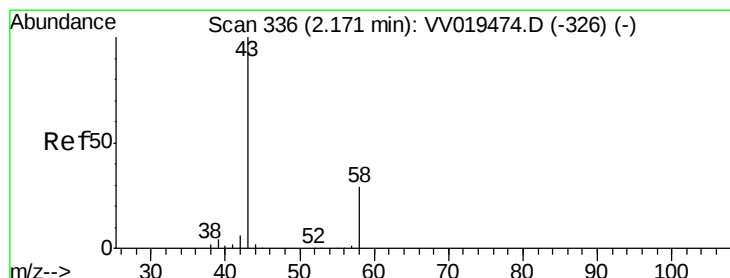
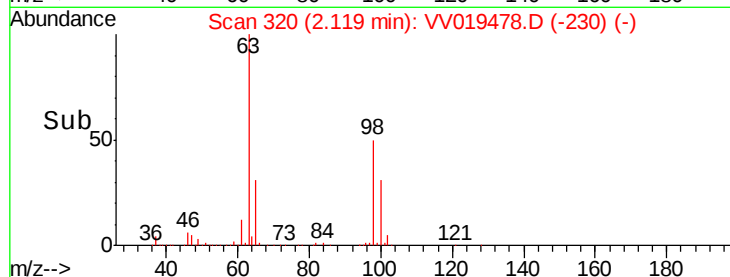
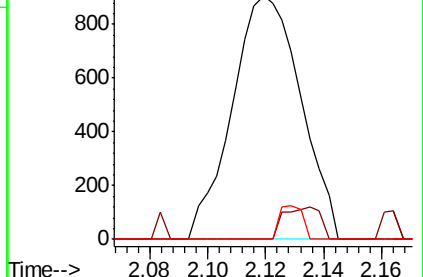
151 4.6 58.9 88.3#



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: 3.819 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV019478.D

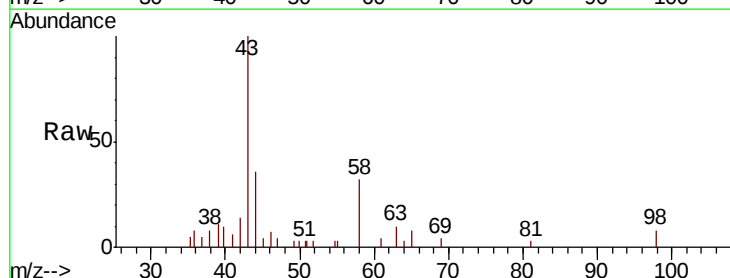
Acq: 04 Dec 2020 15:05

Tgt Ion: 43 Resp: 5436

Ion Ratio Lower Upper

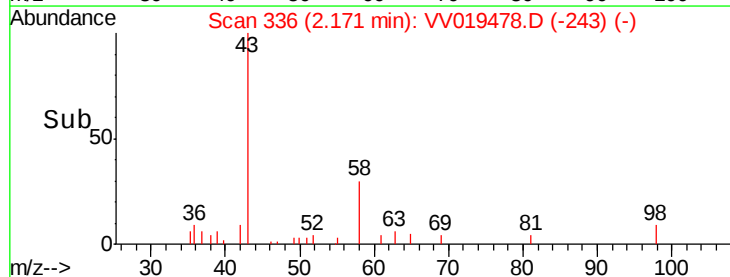
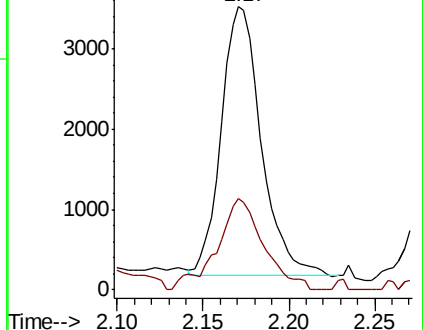
43 100

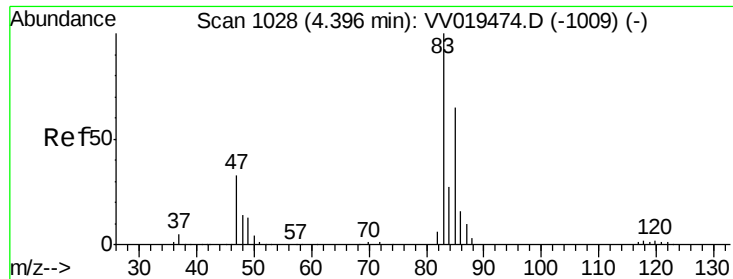
58 36.4 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

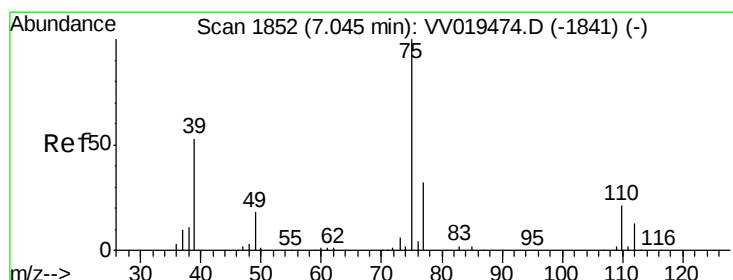
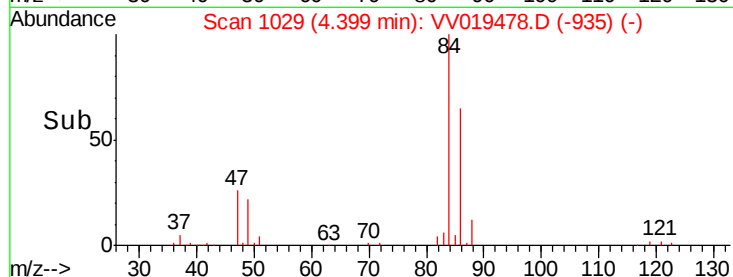
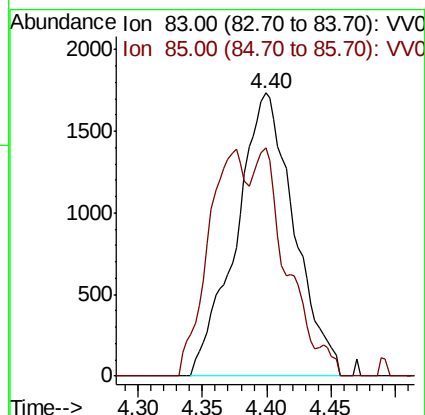
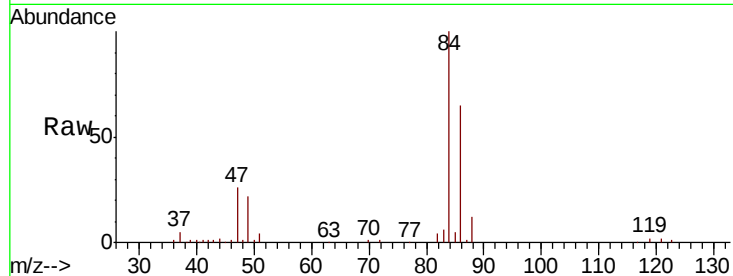




#25
Chloroform
Concen: 1.184 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV019478.D
Acq: 04 Dec 2020 15:05

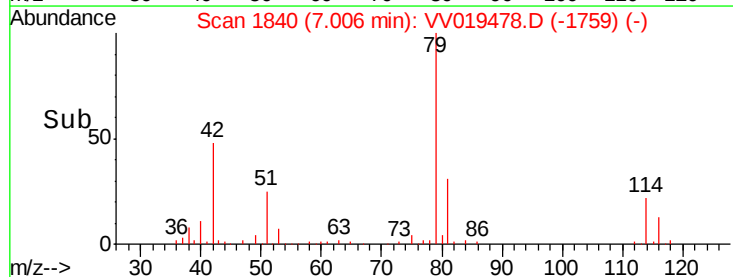
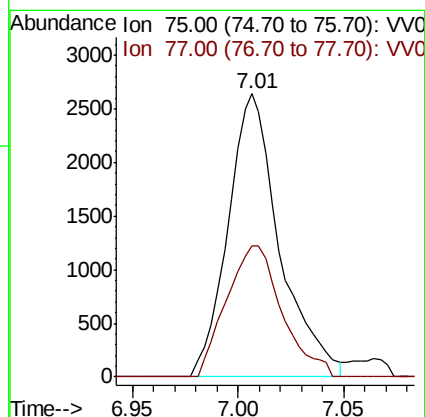
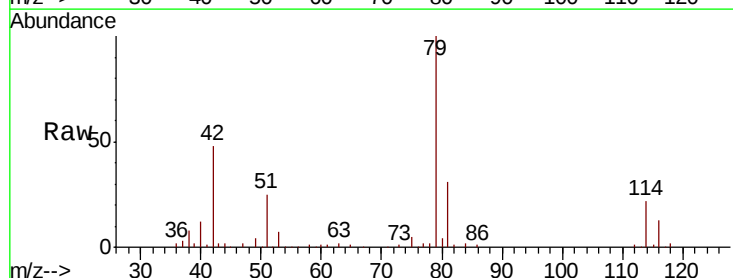
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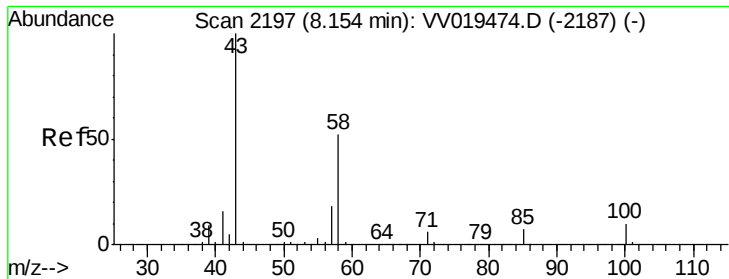
Tot Ion: 83 Resp: 5423
Ion Ratio Lower Upper
83 100
85 80.5 45.1 83.9



#39
cis-1,3-Dichloropropene
Concen: 1.187 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019478.D
Acq: 04 Dec 2020 15:05

Tgt Ion: 75 Resp: 4480
Ion Ratio Lower Upper
75 100
77 46.3 22.5 41.7#

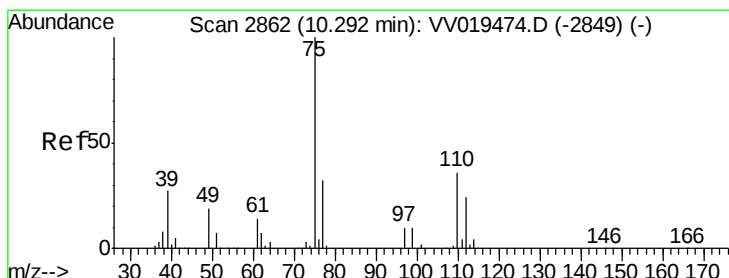
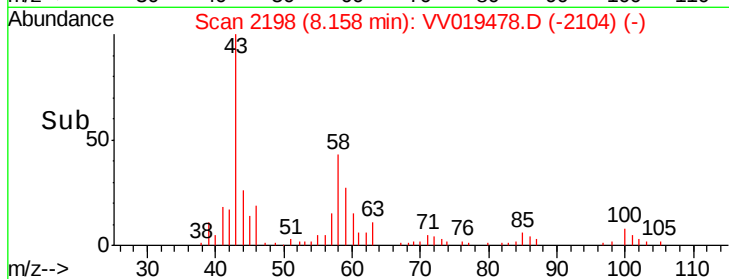
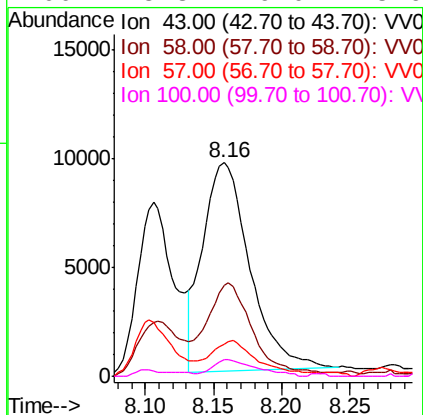
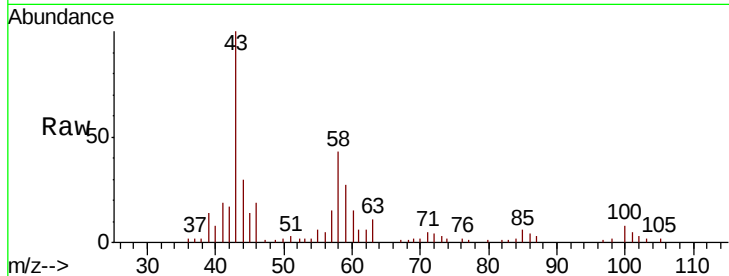




#48
2-Hexanone
Concen: 8.055 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019478.D
Acq: 04 Dec 2020 15:05

Instrument :
MSVOA_V
ClientSampleID :
BG4D2

Tot Ion: 43 Resp: 22988
Ion Ratio Lower Upper
43 100
58 37.5 43.8 65.6#
57 15.6 15.4 23.2
100 5.3 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 6.098 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV019478.D
Acq: 04 Dec 2020 15:05

Tgt Ion: 75 Resp: 20471
Ion Ratio Lower Upper
75 100
77 35.5 25.2 37.8

