

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018642.D
 Acq On : 02 Oct 2020 21:57
 Operator : SY/MD
 Sample : L4203-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S4

Quant Time: Oct 03 02:11:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:08:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	298918	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144362	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	75169	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.76%
7) Chloroethane-d5	1.58	69	69730	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.22%
11) 1,1-Dichloroethene-d2	2.12	63	127465	35.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.36%
21) 2-Butanone-d5	3.90	46	107121	81.92	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.92%
24) Chloroform-d	4.37	84	158276	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
26) 1,2-Dichloroethane-d4	5.05	65	110122	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
32) Benzene-d6	5.07	84	305519	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
36) 1,2-Dichloropropane-d6	6.09	67	95339	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.08%
41) Toluene-d8	7.34	98	279114	39.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.06%#
43) trans-1,3-Dichloropropene-	7.64	79	47920	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.24%
47) 2-Hexanone-d5	8.11	63	56181	65.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106106	35.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	123607	44.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.04%

Target Compounds

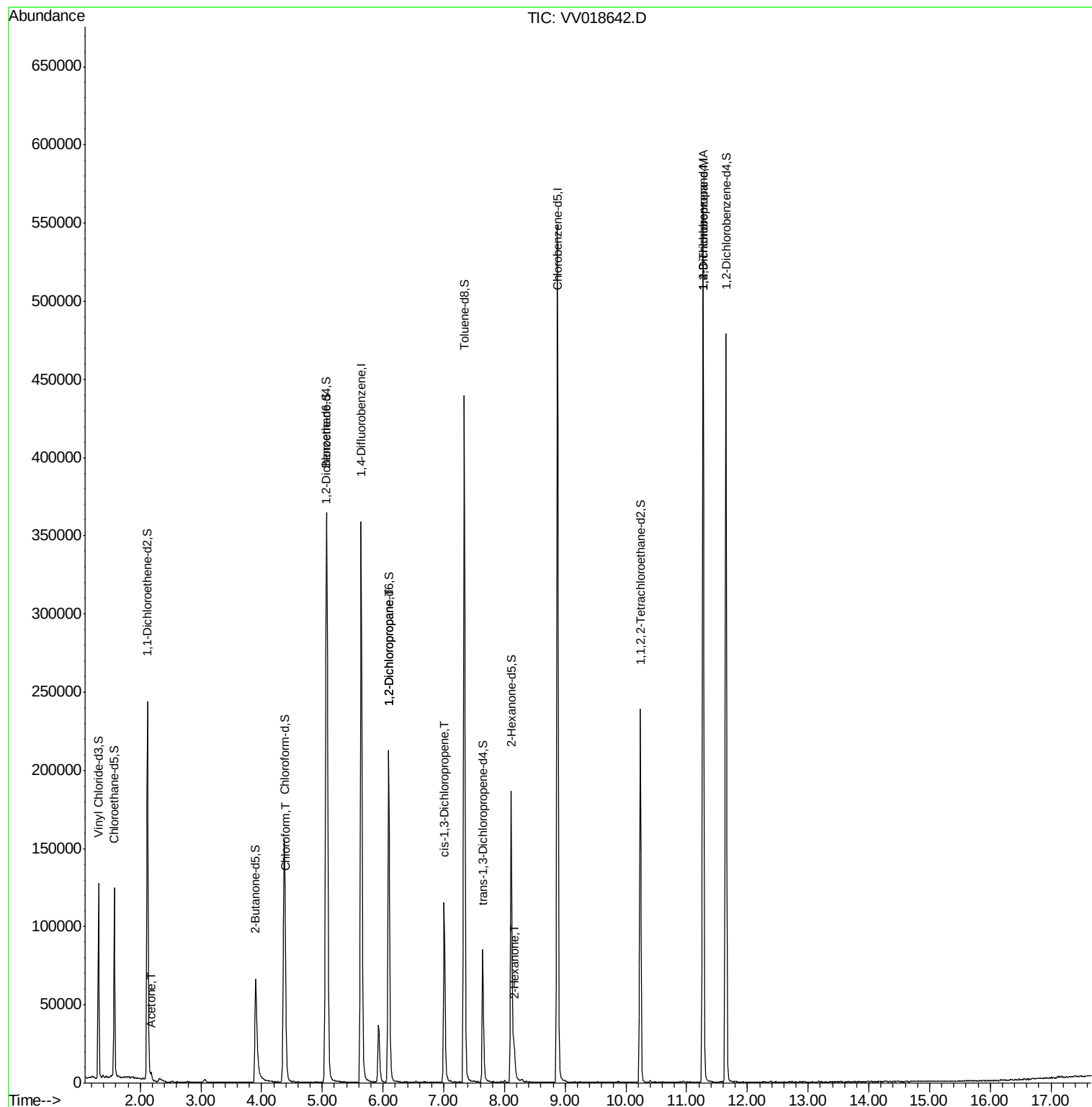
					Ovalue
13) Acetone	2.18	43	5072	4.489 ug/L	99
25) Chloroform	4.40	83	3426	0.868 ug/L	76
37) 1,2-Dichloropropane	6.09	63	11425	5.116 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3200	0.913 ug/L #	72
48) 2-Hexanone	8.16	43	13846	6.158 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	15887	5.848 ug/L	91

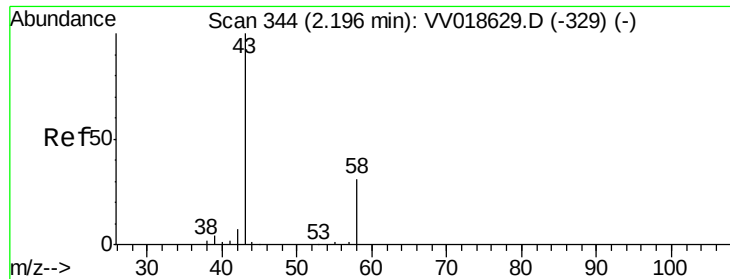
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 03 02:08:43 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.489 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV018642.D

Acq: 02 Oct 2020 21:57

Instrument :

MSVOA_V

ClientSampleId :

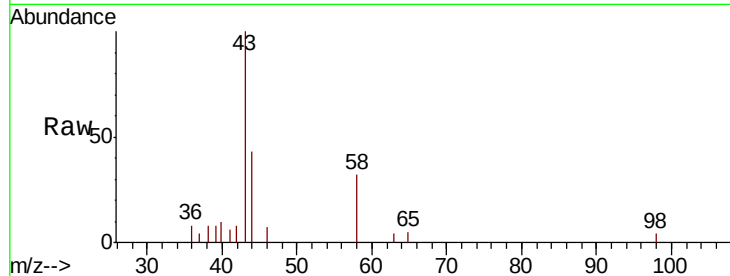
BG3S4

Tot Ion: 43 Resp: 5072

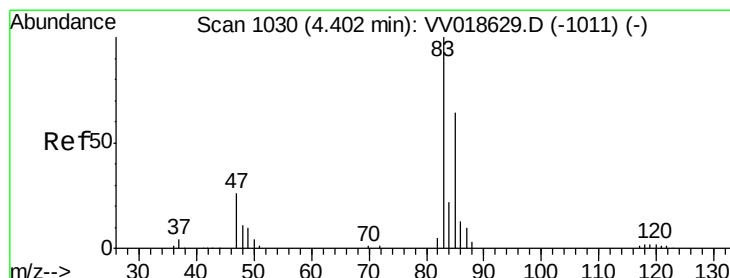
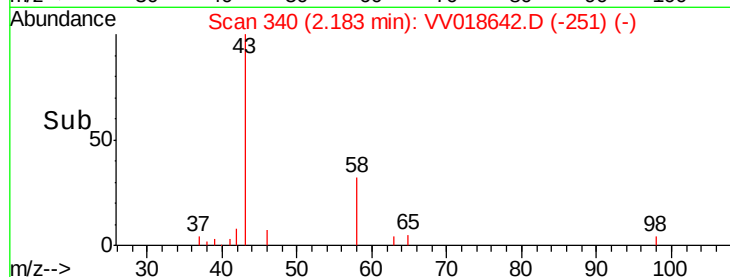
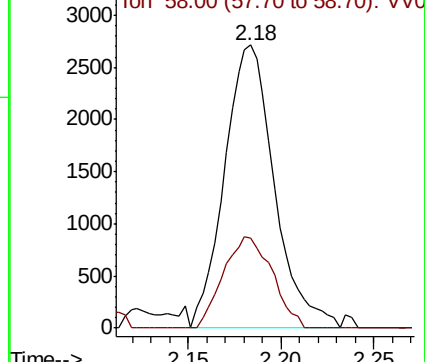
Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018629.D (-329) (-)



#25

Chloroform

Concen: 0.868 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV018642.D

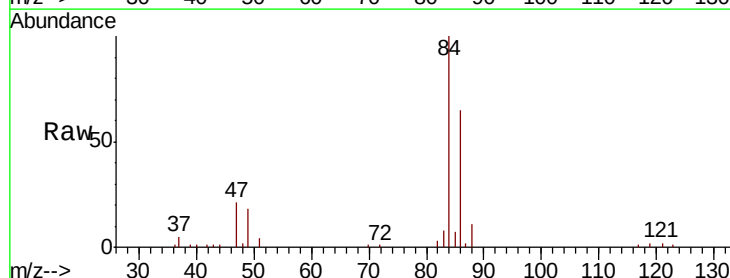
Acq: 02 Oct 2020 21:57

Tgt Ion: 83 Resp: 3426

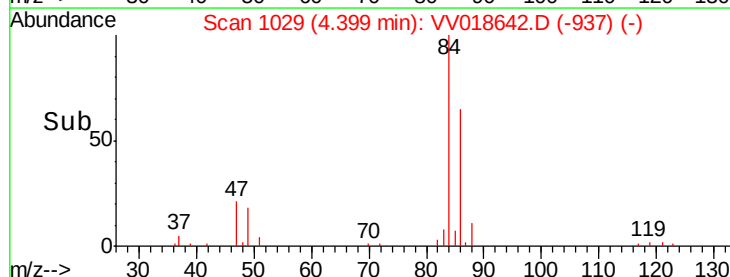
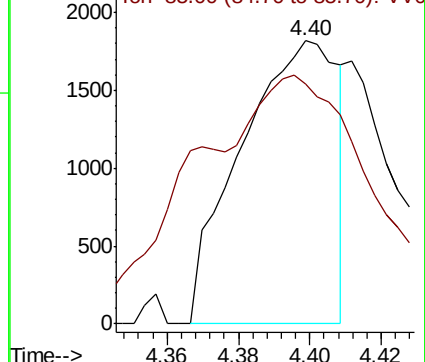
Ion Ratio Lower Upper

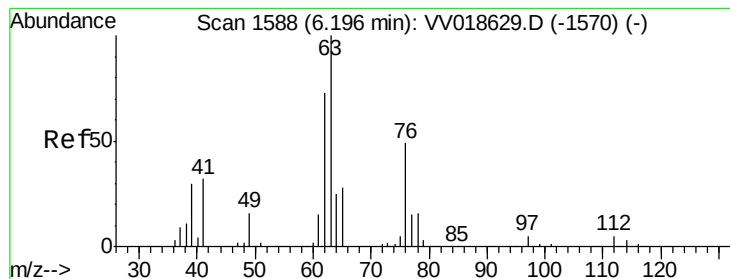
83 100

85 84.8 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV018629.D (-1011) (-)





#37

1,2-Dichloropropane

Concen: 5.116 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018642.D

Acq: 02 Oct 2020 21:57

Instrument :

MSVOA_V

ClientSampleId :

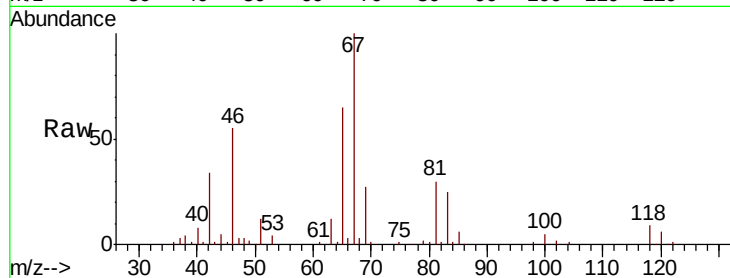
BG3S4

Tot Ion: 63 Resp: 11425

Ion Ratio Lower Upper

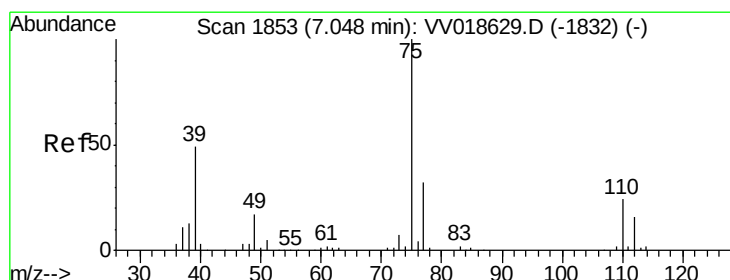
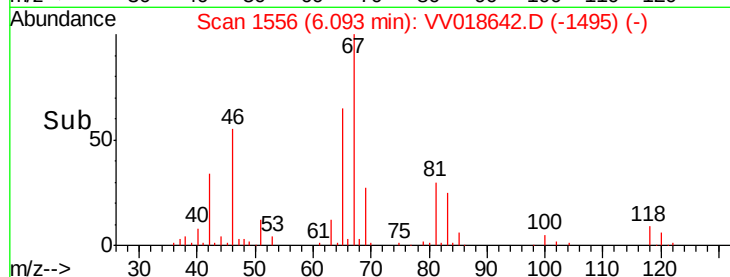
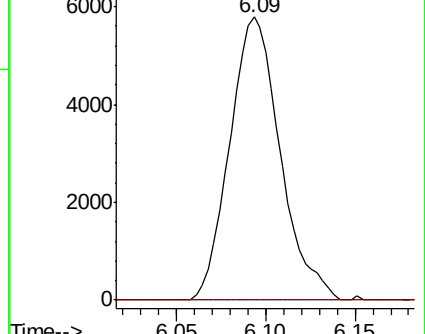
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.913 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018642.D

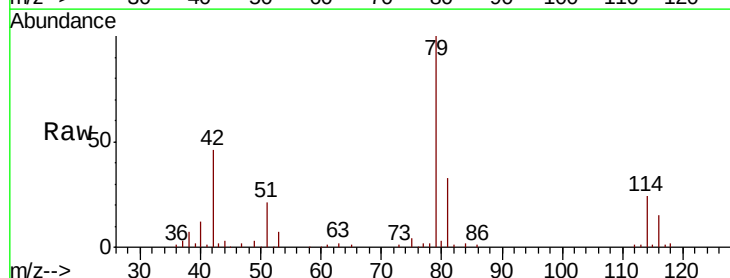
Acq: 02 Oct 2020 21:57

Tgt Ion: 75 Resp: 3200

Ion Ratio Lower Upper

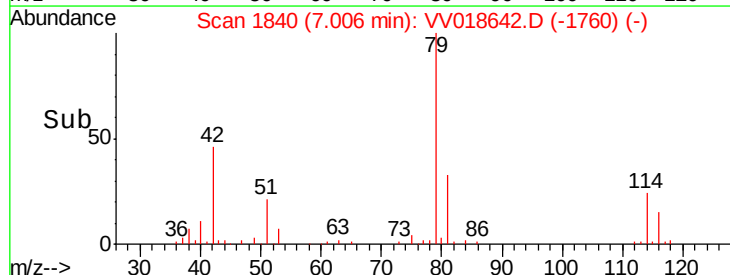
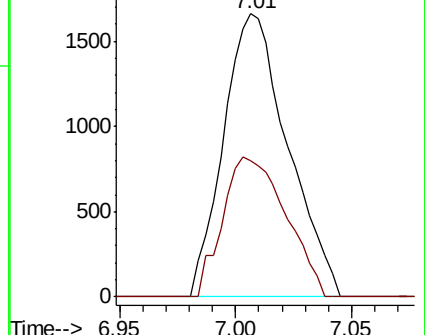
75 100

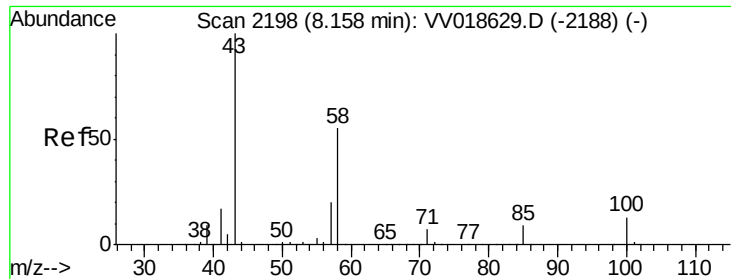
77 48.3 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

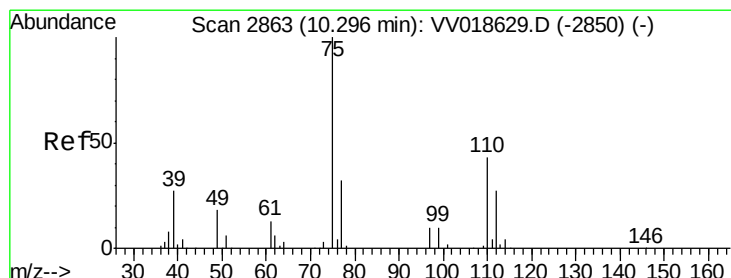
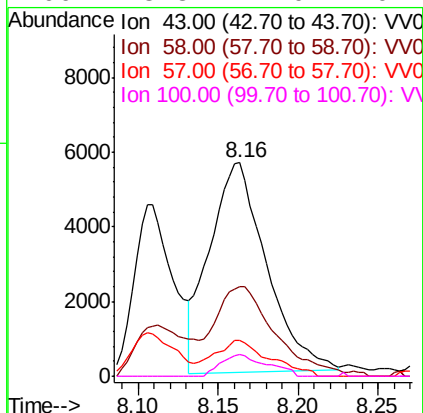
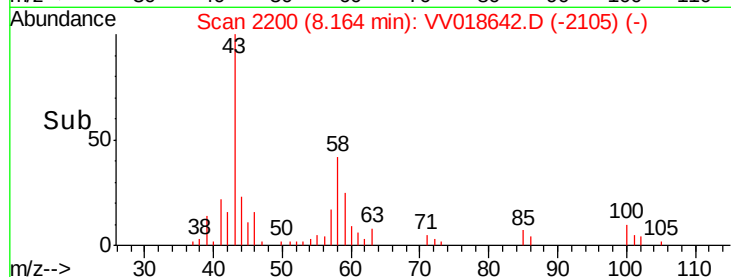
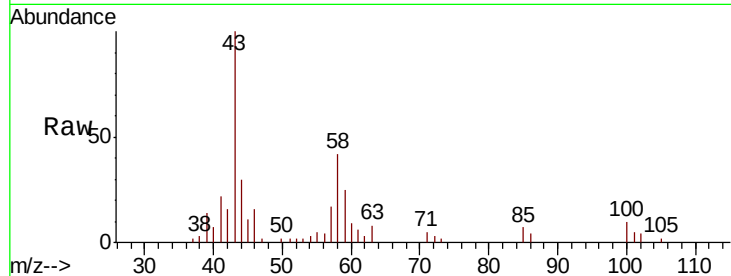




#48
2-Hexanone
Concen: 6.158 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018642.D
Acq: 02 Oct 2020 21:57

Instrument :
MSVOA_V
ClientSampled :
BG3S4

Tot Ion: 43 Resp: 13846
Ion Ratio Lower Upper
43 100
58 40.2 45.1 67.7#
57 16.6 15.7 23.5
100 8.3 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.848 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018642.D
Acq: 02 Oct 2020 21:57

Tgt Ion: 75 Resp: 15887
Ion Ratio Lower Upper
75 100
77 36.8 25.4 38.0

