

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
 Data File : VV018639.D
 Acq On : 02 Oct 2020 20:45
 Operator : SY/MD
 Sample : L4203-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3R8

Quant Time: Oct 03 02:11:13 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	299231	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	74538	42.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.94%
7) Chloroethane-d5	1.58	69	69072	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	132743	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.24%
21) 2-Butanone-d5	3.90	46	110098	84.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.11%
24) Chloroform-d	4.38	84	163518	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
26) 1,2-Dichloroethane-d4	5.06	65	112502	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.07	84	316808	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
36) 1,2-Dichloropropane-d6	6.09	67	98439	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.52%
41) Toluene-d8	7.34	98	292425	41.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.54%
43) trans-1,3-Dichloropropene-	7.64	79	48278	39.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.54%
47) 2-Hexanone-d5	8.11	63	58046	67.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108387	35.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	129467	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

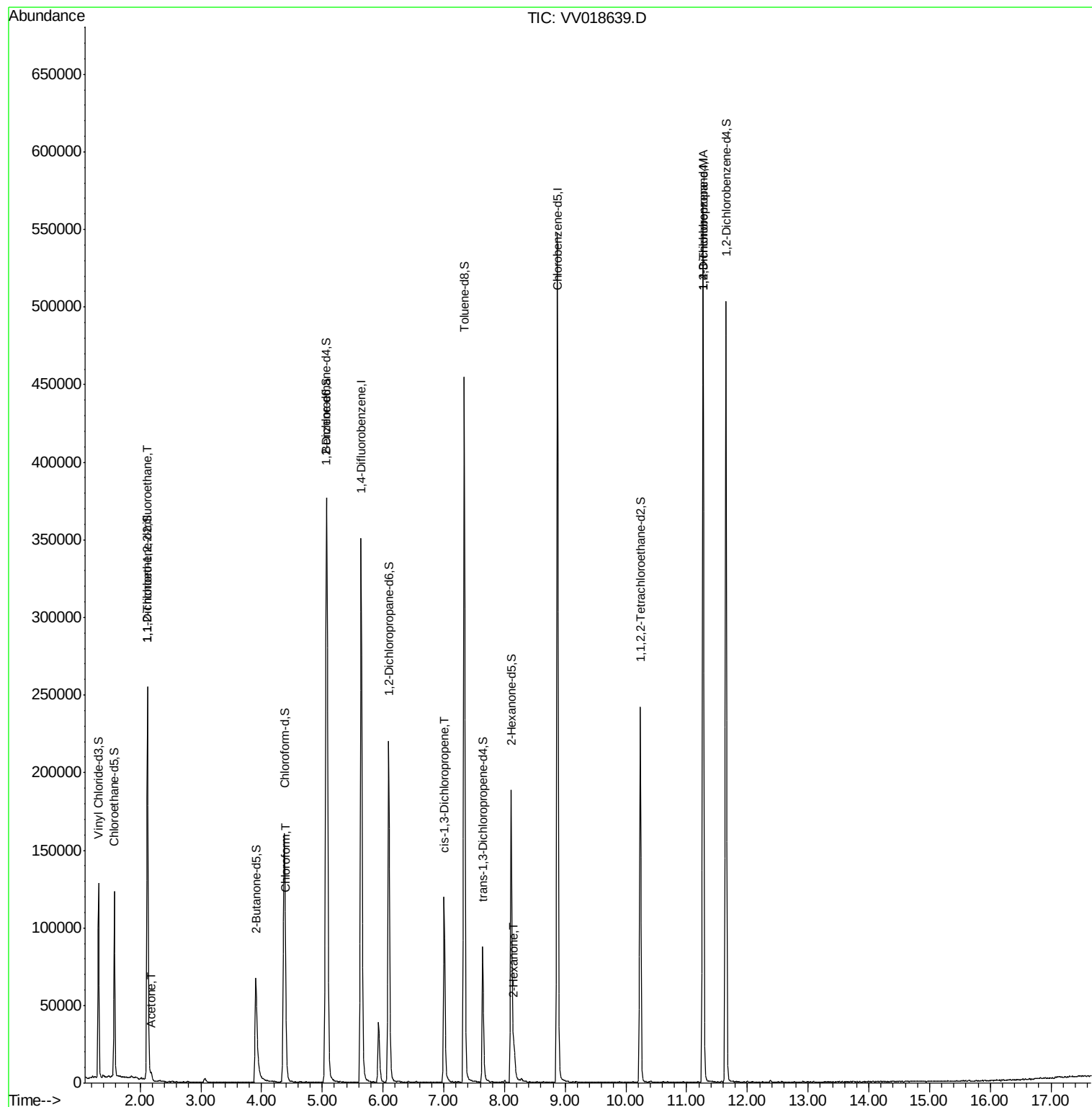
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1402	0.720 ug/L #	17
13) Acetone	2.18	43	4833	4.273 ug/L	93
25) Chloroform	4.40	83	5343	1.352 ug/L	91
39) cis-1,3-Dichloropropene	7.01	75	3416	0.971 ug/L #	59
48) 2-Hexanone	8.16	43	13631	6.041 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	15827	5.806 ug/L	91

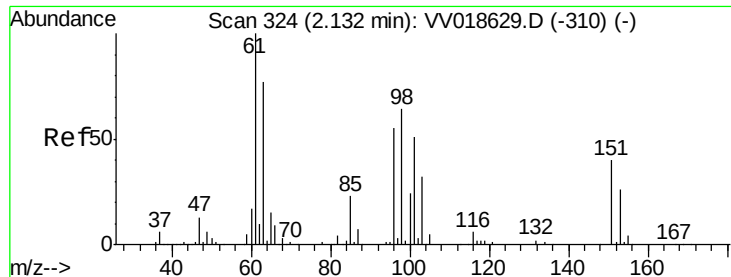
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.720 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018639.D

Acq: 02 Oct 2020 20:45

Instrument :

MSVOA_V

ClientSampleId :

BG3R8

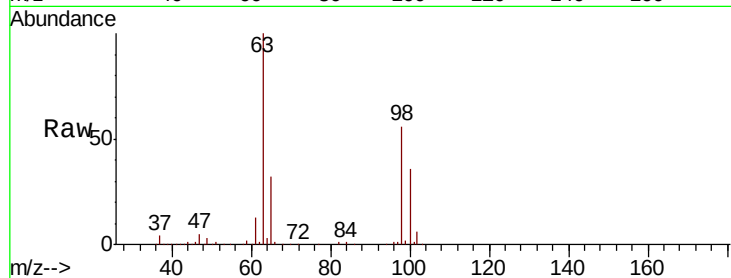
Tot Ion:101 Resp: 1402

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

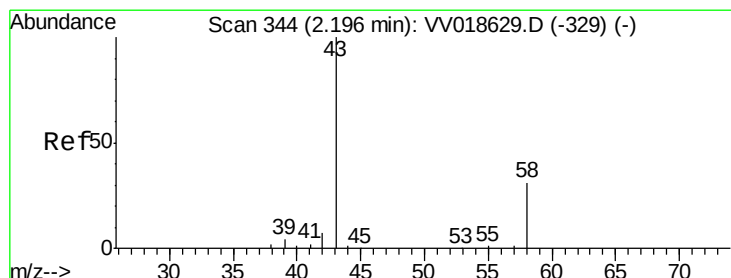
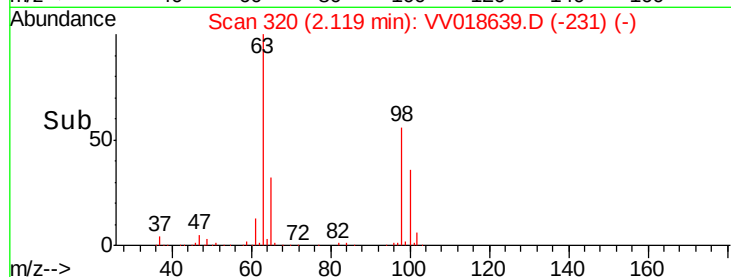
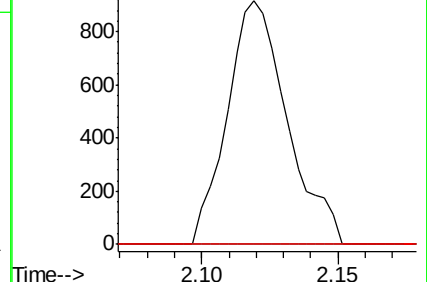
151 0.0 64.3 96.5#



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: 4.273 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV018639.D

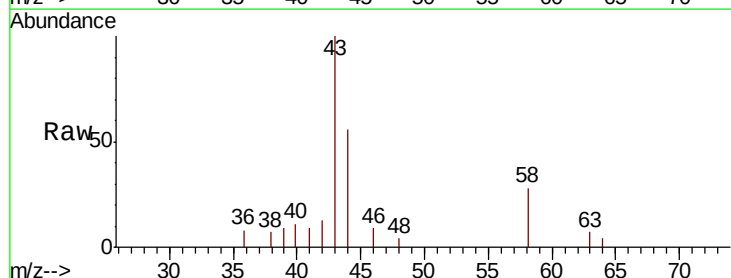
Acq: 02 Oct 2020 20:45

Tgt Ion: 43 Resp: 4833

Ion Ratio Lower Upper

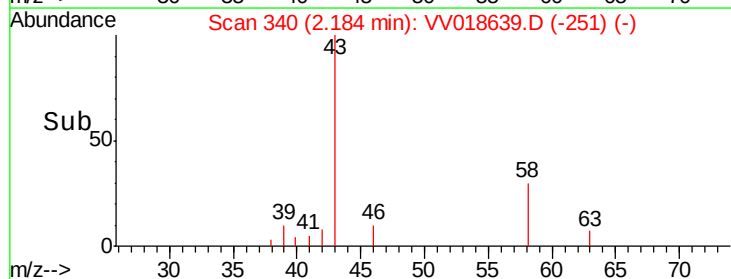
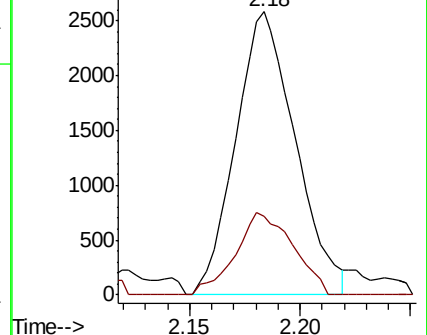
43 100

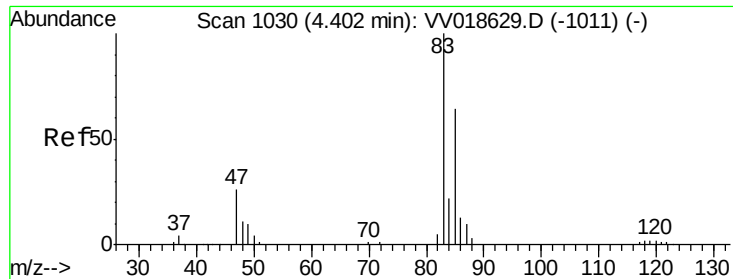
58 28.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

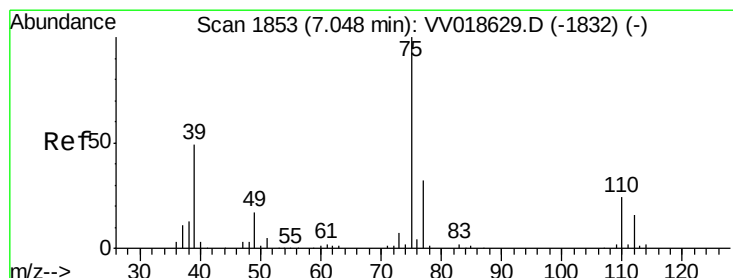
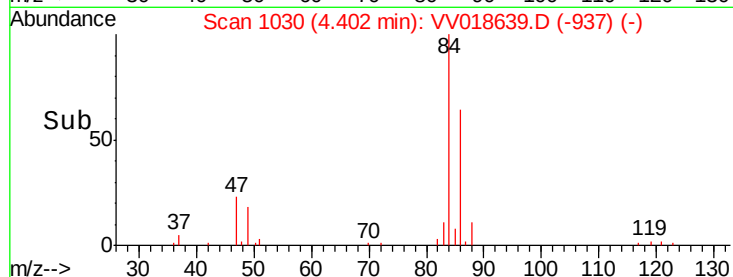
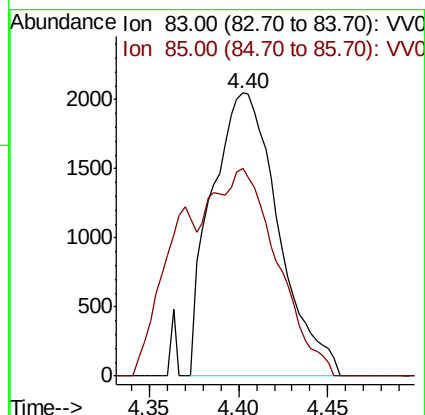
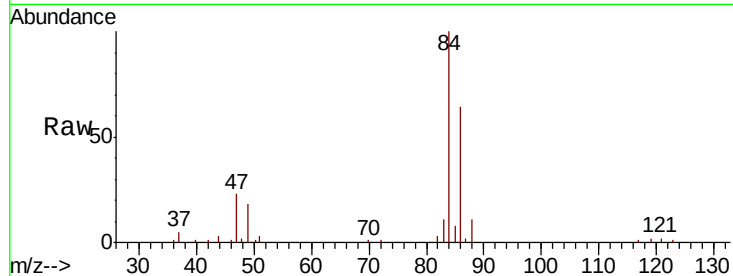




#25
Chloroform
Concen: 1.352 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV018639.D
Acq: 02 Oct 2020 20:45

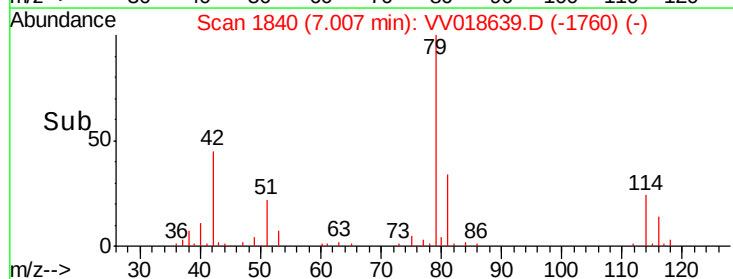
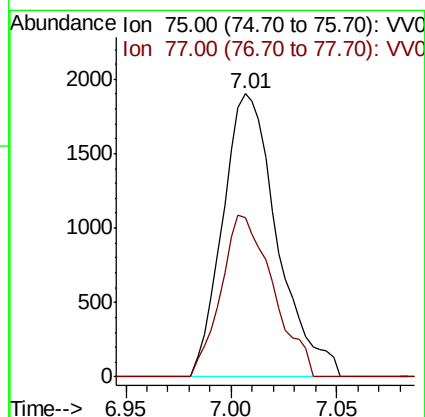
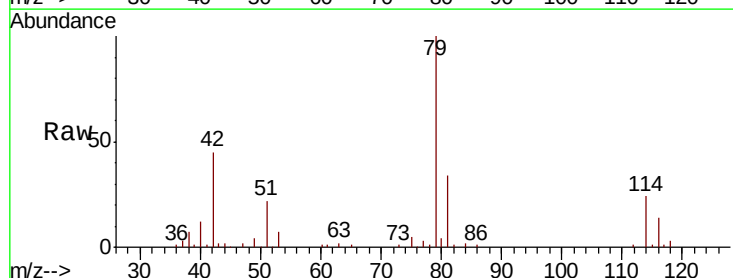
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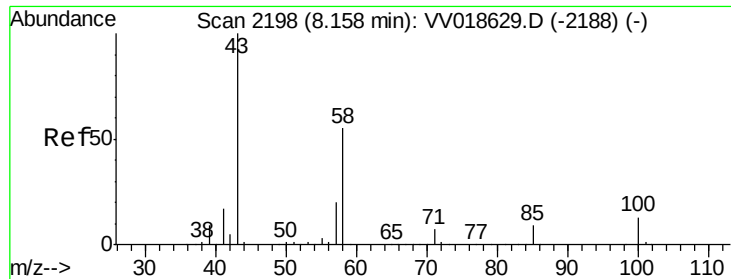
Tot Ion: 83 Resp: 5343
Ion Ratio Lower Upper
83 100
85 73.2 46.2 85.8



#39
cis-1,3-Dichloropropene
Concen: 0.971 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018639.D
Acq: 02 Oct 2020 20:45

Tgt Ion: 75 Resp: 3416
Ion Ratio Lower Upper
75 100
77 56.1 23.0 42.6#

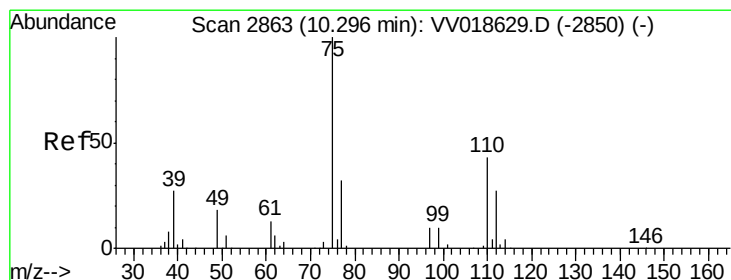
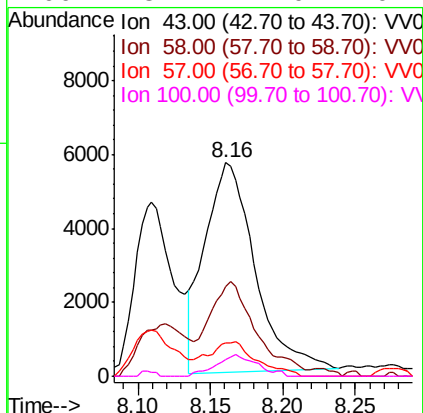
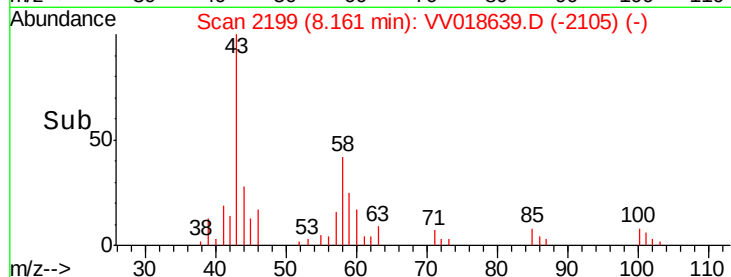
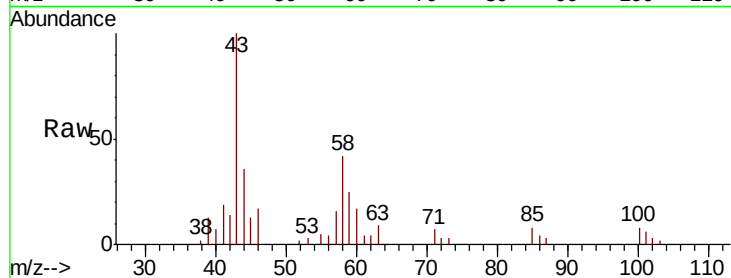




#48
2-Hexanone
Concen: 6.041 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018639.D
Acq: 02 Oct 2020 20:45

Instrument :
MSVOA_V
ClientSampleId :
BG3R8

Tot Ion: 43 Resp: 13631
Ion Ratio Lower Upper
43 100
58 42.5 45.1 67.7#
57 13.6 15.7 23.5#
100 8.1 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 5.806 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV018639.D
Acq: 02 Oct 2020 20:45

Tgt Ion: 75 Resp: 15827
Ion Ratio Lower Upper
75 100
77 36.9 25.4 38.0

