

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018469.D
 Acq On : 25 Sep 2020 20:25
 Operator : SY/MD
 Sample : L4149-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q3

Quant Time: Sep 26 02:57:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376549	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	360016	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180506	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132125	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.12%
7) Chloroethane-d5	1.58	69	110326	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.88%
11) 1,1-Dichloroethene-d2	2.12	63	184639	32.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.60%
21) 2-Butanone-d5	3.92	46	171577	91.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.35%
24) Chloroform-d	4.38	84	228995	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
26) 1,2-Dichloroethane-d4	5.06	65	150123	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
32) Benzene-d6	5.08	84	488588	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.09	67	155684	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.34	98	440269	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.64	79	72930	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.11	63	101213	81.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174799	42.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	182538	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%

Target Compounds

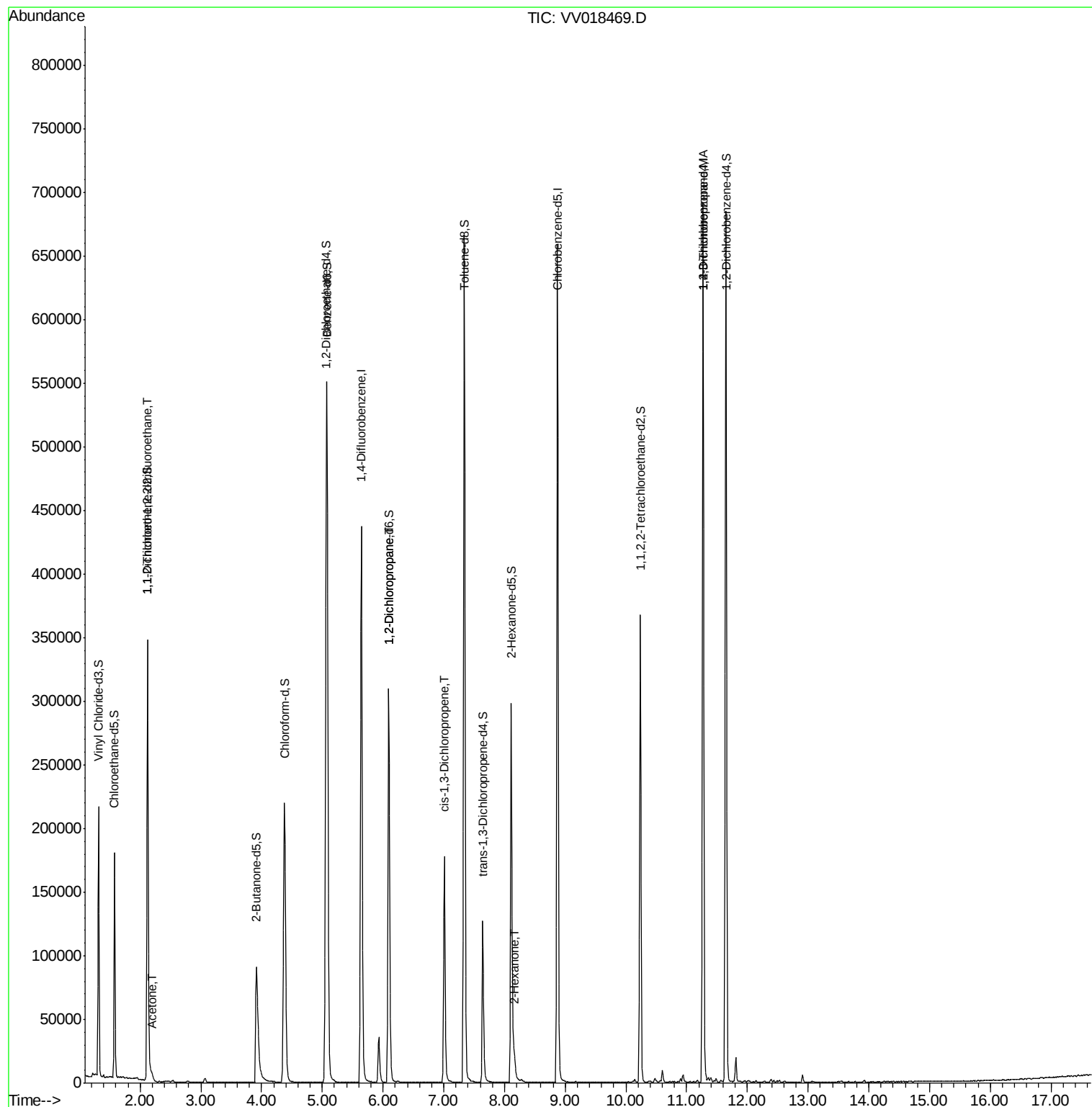
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1797	0.707 ug/L #	19
13) Acetone	2.20	43	6788	4.513 ug/L	99
37) 1,2-Dichloropropane	6.09	63	16229	5.950 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3966	0.944 ug/L #	52
48) 2-Hexanone	8.16	43	11024	4.226 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	20201	6.297 ug/L	95

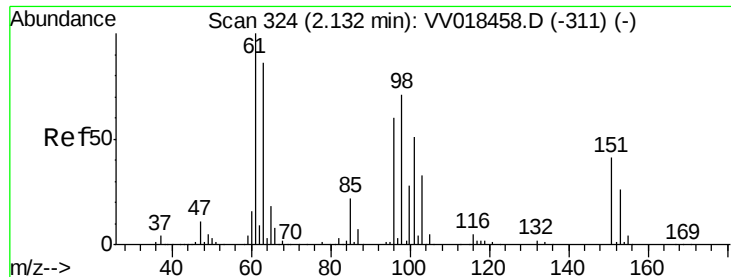
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.707 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018469.D

Acq: 25 Sep 2020 20:25

Instrument :

MSVOA_V

ClientSampleId :

BG3Q3

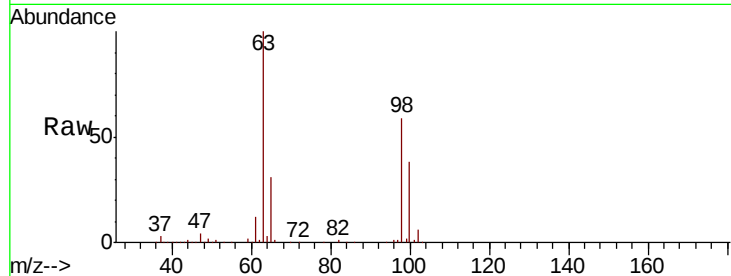
Tot Ion:101 Resp: 1797

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

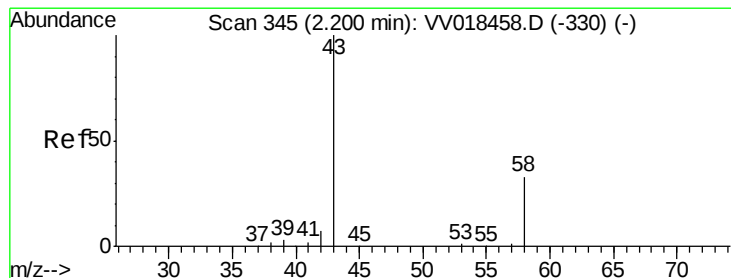
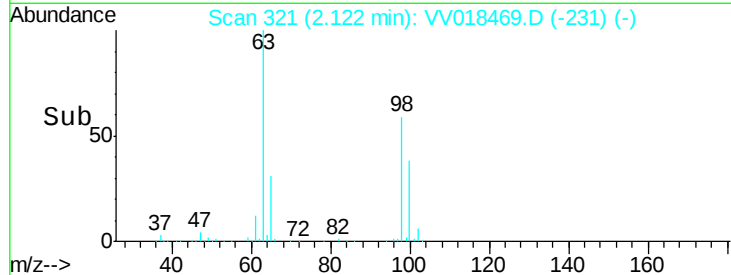
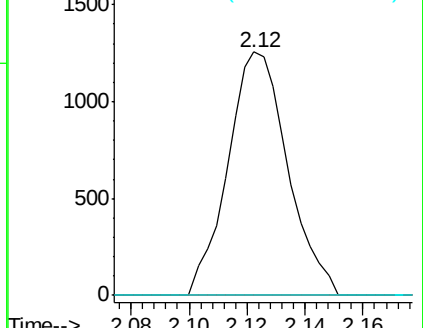
151 0.0 62.2 93.2#



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: 4.513 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV018469.D

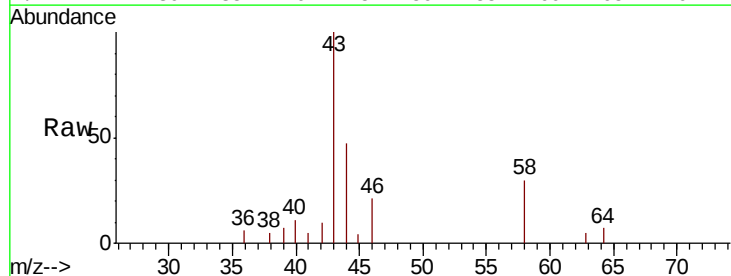
Acq: 25 Sep 2020 20:25

Tgt Ion: 43 Resp: 6788

Ion Ratio Lower Upper

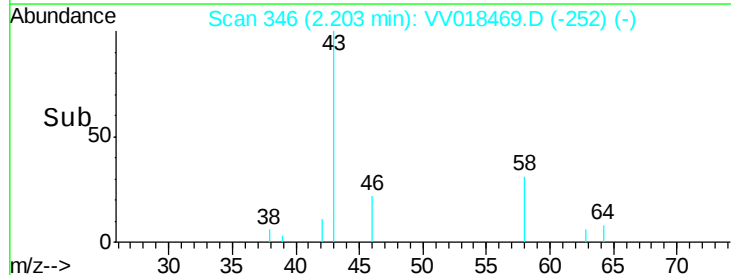
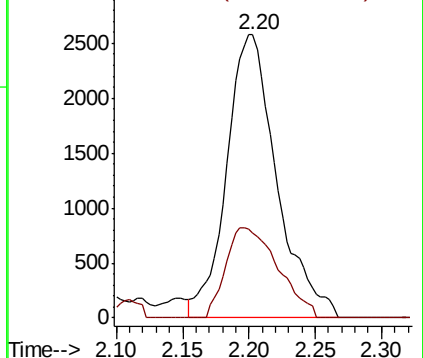
43 100

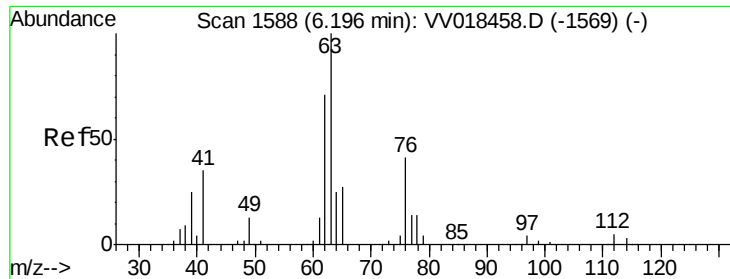
58 33.1 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

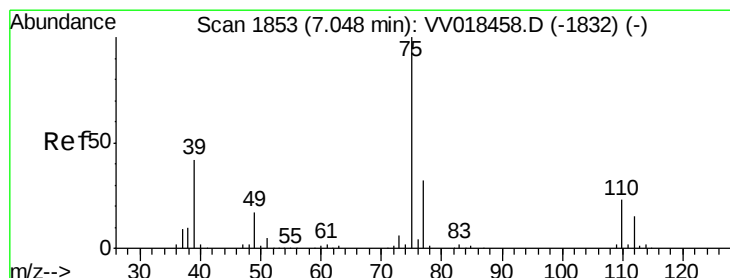
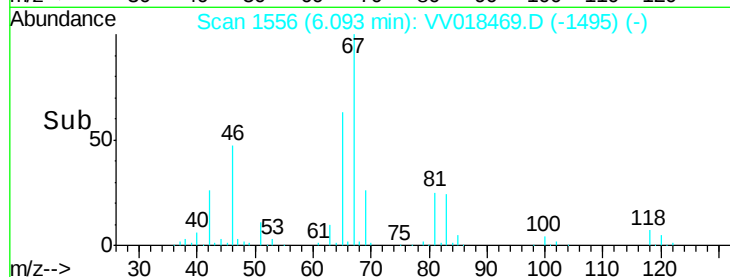
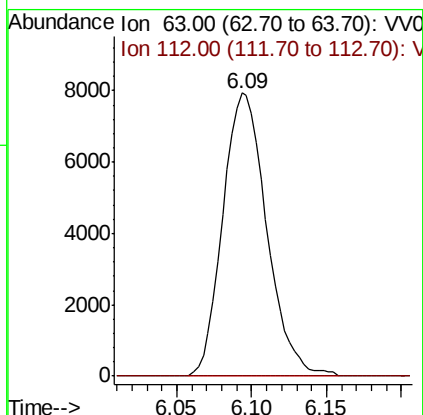
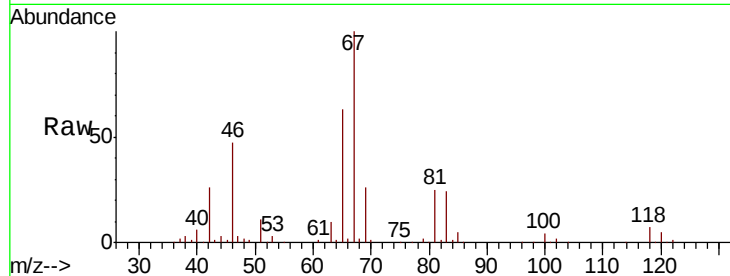




#37
 1,2-Dichloropropane
 Concen: 5.950 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018469.D
 Acq: 25 Sep 2020 20:25

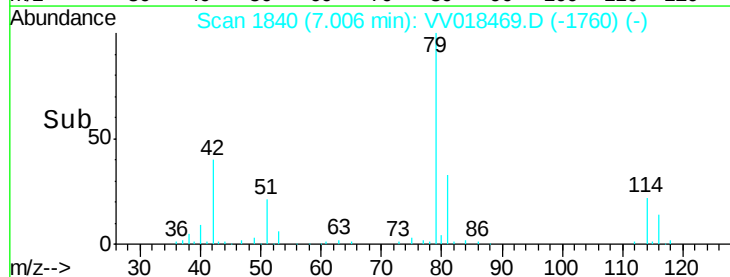
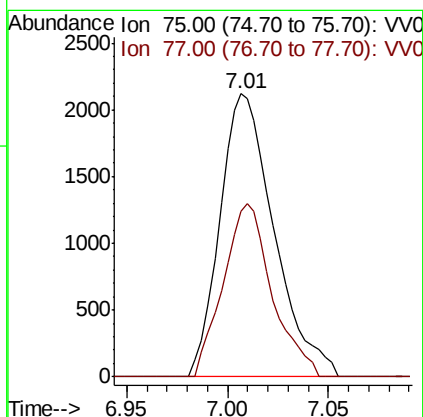
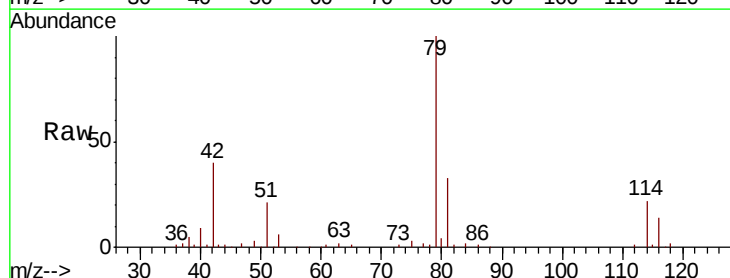
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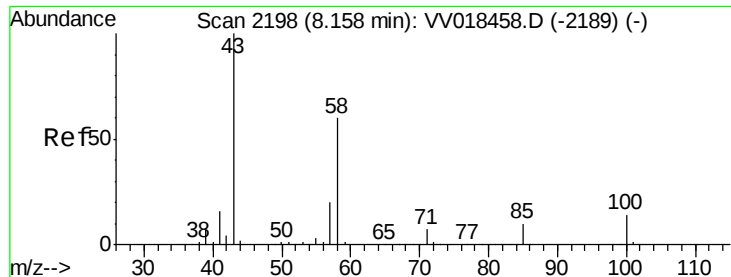
Tot Ion: 63 Resp: 16229
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.944 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018469.D
 Acq: 25 Sep 2020 20:25

Tgt Ion: 75 Resp: 3966
 Ion Ratio Lower Upper
 75 100
 77 58.5 22.3 41.3#

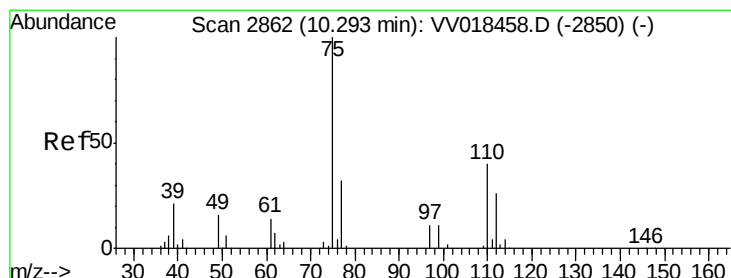
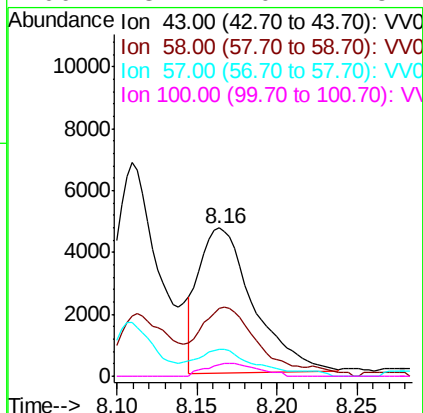
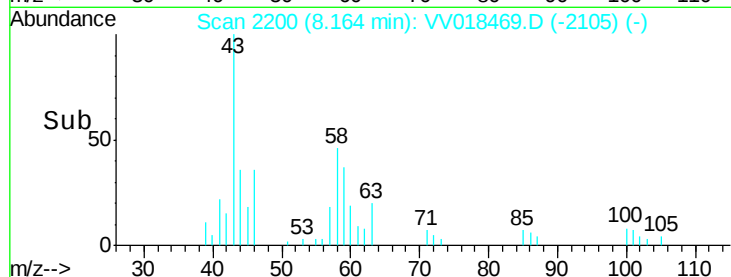
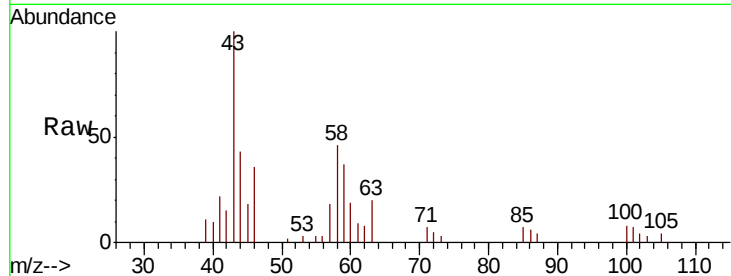




#48
2-Hexanone
Concen: 4.226 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018469.D
Acq: 25 Sep 2020 20:25

Instrument :
MSVOA_V
ClientSampled :
BG3Q3

Tot Ion: 43 Resp: 11024
Ion Ratio Lower Upper
43 100
58 40.4 44.8 67.2#
57 16.1 15.8 23.6
100 8.2 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.297 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018469.D
Acq: 25 Sep 2020 20:25

Tgt Ion: 75 Resp: 20201
Ion Ratio Lower Upper
75 100
77 35.2 25.8 38.6

