

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018368.D
 Acq On : 21 Sep 2020 14:08
 Operator : SY/MD
 Sample : L4090-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFX01

Quant Time: Sep 22 04:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	227526	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108263	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91505	49.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.70%
7) Chloroethane-d5	1.58	69	76342	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.62%
11) 1,1-Dichloroethene-d2	2.12	63	133764	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
21) 2-Butanone-d5	3.91	46	104634	92.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.19%
24) Chloroform-d	4.38	84	164717	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.06	65	109559	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
32) Benzene-d6	5.08	84	329612	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
36) 1,2-Dichloropropane-d6	6.09	67	107603	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.34	98	292222	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%
43) trans-1,3-Dichloropropene-	7.64	79	50020	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.76%
47) 2-Hexanone-d5	8.11	63	64774	82.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	116903	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	122931	55.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.58%

Target Compounds

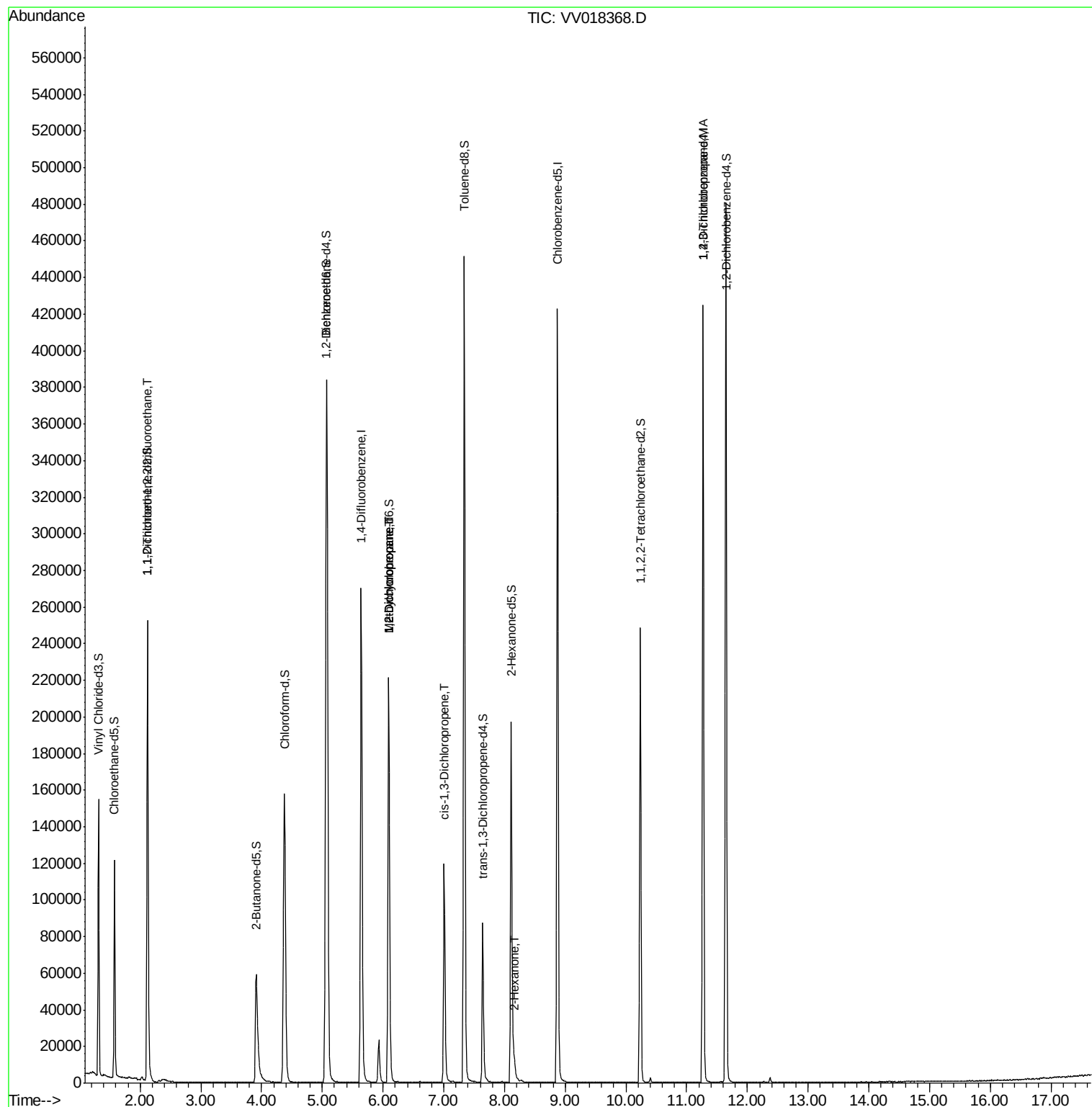
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1205	0.785 ug/L #	19
35) Methylcyclohexane	6.09	83	25412	9.488 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11687	6.754 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3004	1.127 ug/L #	72
48) 2-Hexanone	8.17	43	6216	3.756 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	11999	5.896 ug/L	90

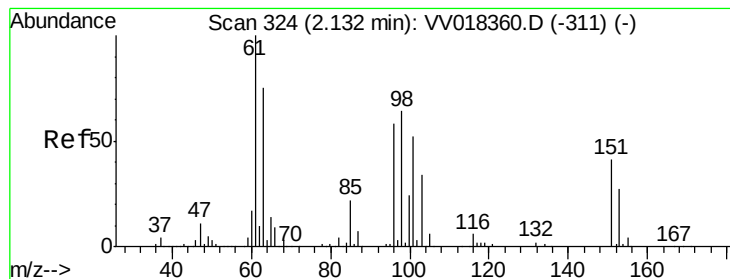
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.785 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018368.D

Acq: 21 Sep 2020 14:08

Instrument :

MSVOA_V

ClientSampled :

BFX01

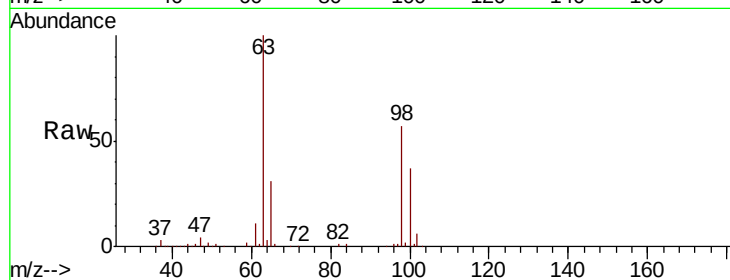
Tot Ion:101 Resp: 1205

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

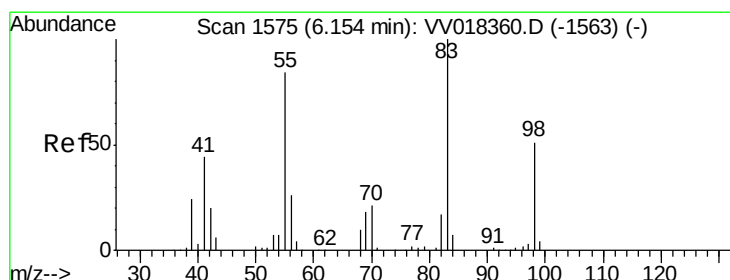
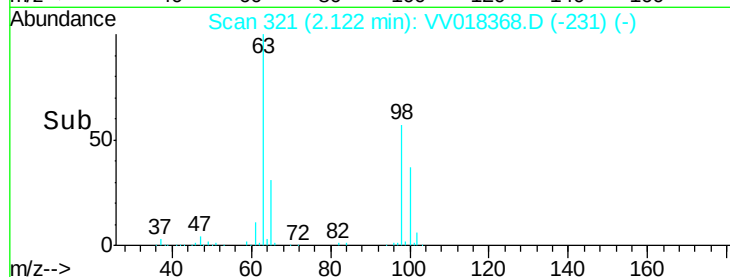
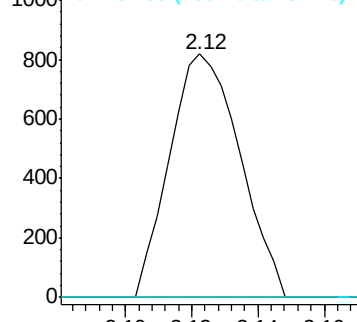
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 9.488 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018368.D

Acq: 21 Sep 2020 14:08

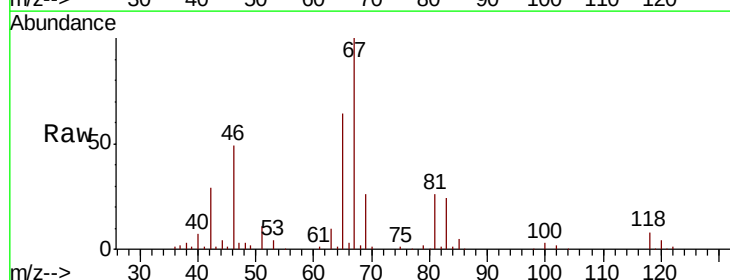
Tgt Ion: 83 Resp: 25412

Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.2#

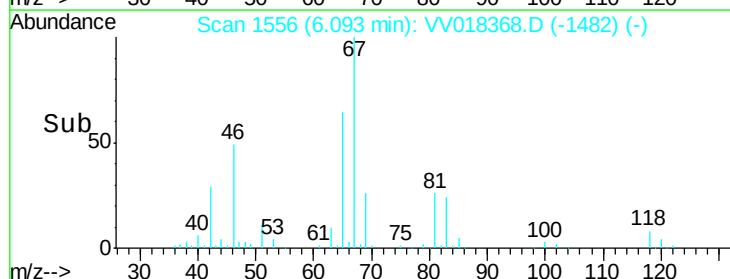
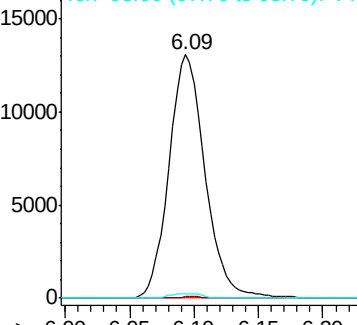
98 1.5 38.8 58.2#

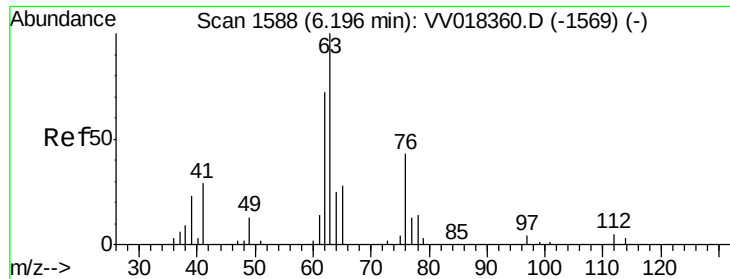


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

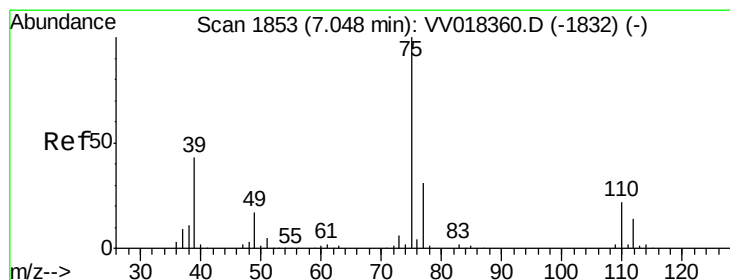
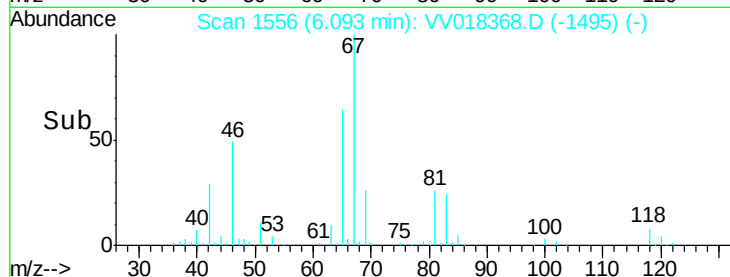
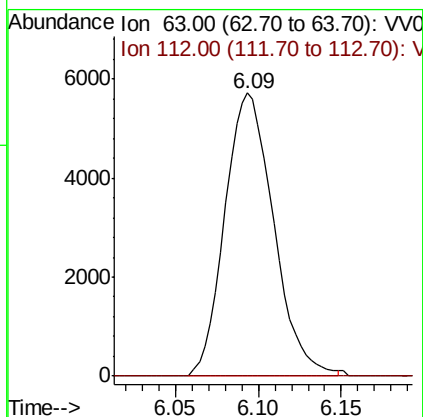
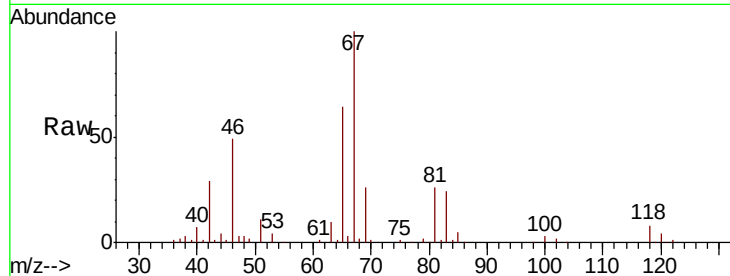




#37
 1,2-Dichloropropane
 Concen: 6.754 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018368.D
 Acq: 21 Sep 2020 14:08

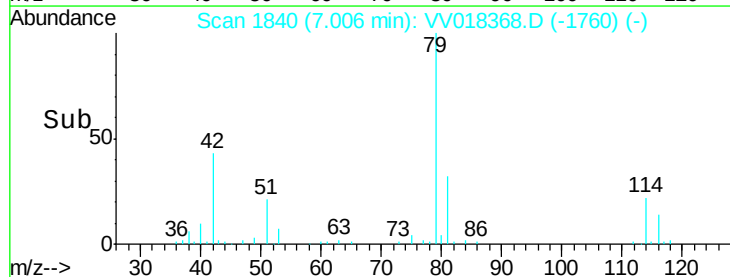
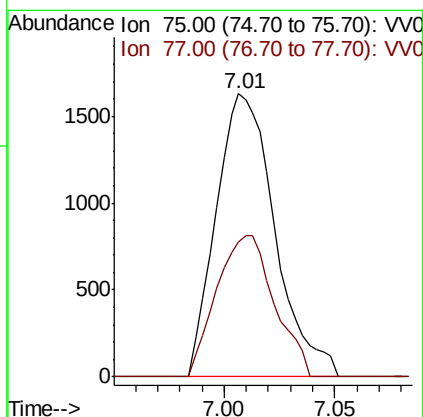
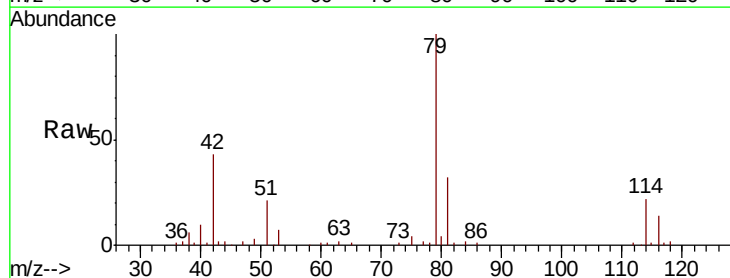
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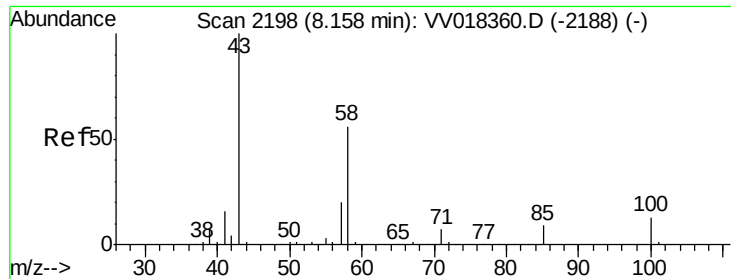
Tot Ion: 63 Resp: 11687
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.127 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018368.D
 Acq: 21 Sep 2020 14:08

Tgt Ion: 75 Resp: 3004
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.3 41.3#

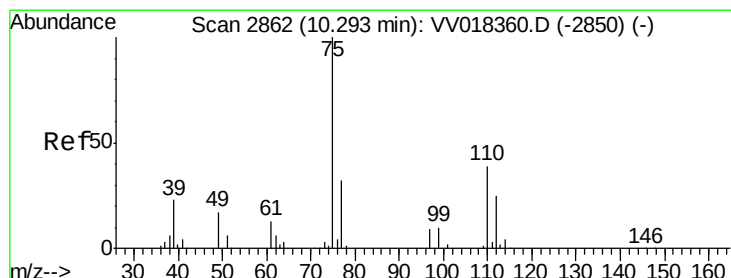
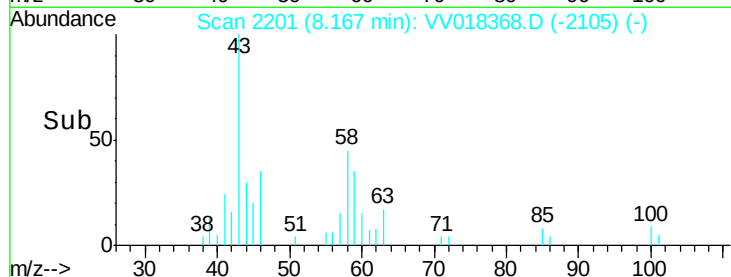
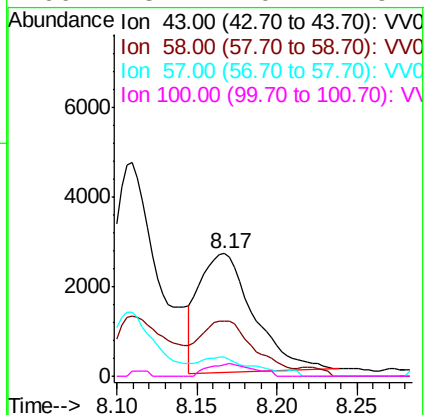
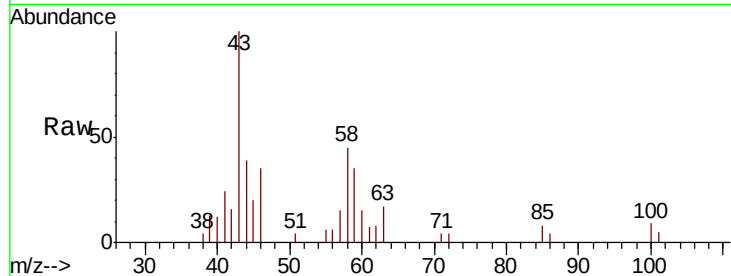




#48
2-Hexanone
Concen: 3.756 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV018368.D
Acq: 21 Sep 2020 14:08

Instrument :
MSVOA_V
ClientSampleId :
BFX01

Tot Ion: 43 Resp: 6216
Ion Ratio Lower Upper
43 100
58 47.4 44.8 67.2
57 4.9 15.8 23.6#
100 8.4 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 5.896 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018368.D
Acq: 21 Sep 2020 14:08

Tgt Ion: 75 Resp: 11999
Ion Ratio Lower Upper
75 100
77 37.9 25.8 38.6

