

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009553.D
 Acq On : 08 Mar 2019 21:36
 Operator : SY/MD
 Sample : K1794-05
 Misc : 3.57G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5N5

Quant Time: Mar 09 01:28:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 09 01:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	123432	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100306	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32537	25.00	ug/L	0.00

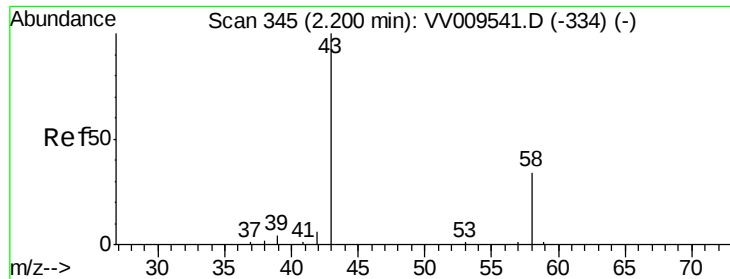
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26761	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.04%
7) Chloroethane-d5	1.57	69	35350	16.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.80%
10) 1,1-Dichloroethene-d2	2.13	63	65348	16.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.60%
20) 2-Butanone-d5	4.09	46	135	0.27	ug/L	0.15
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.54%#
24) Chloroform-d	4.40	84	73188	24.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	5.08	65	46844	28.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.00%
29) Benzene-d6	5.10	84	143501	28.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.56%
33) 1,2-Dichloropropane-d6	6.12	67	44900	30.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.52%#
37) Toluene-d8	7.36	98	124394	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.72%
38) trans-1,3-Dichloropropene-	7.67	79	11395	16.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.16%
39) 2-Hexanone-d5	8.13	63	12427	36.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40318	25.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	28586	24.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.28%

Target Compounds

					Qvalue
13) Acetone	2.20	43	791	1.537 ug/L	64
21) 2-Butanone	4.00	43	2645	4.071 ug/L #	48
25) Chloroform	4.43	83	2542	0.877 ug/L	89
27) 1,2-Dichloroethane	5.10	62	706	0.351 ug/L #	77
35) Trichloroethene	5.67	95	3718	2.496 ug/L #	6
40) 1,2-Dichloropropane	6.12	63	5776	4.322 ug/L #	89
49) 2-Hexanone	8.17	43	4777	5.997 ug/L #	40
59) 1,2,3-Trichloropropane	11.30	75	4358	3.856 ug/L	91

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



#13

Acetone

Concen: 1.537 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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MSVOA_V

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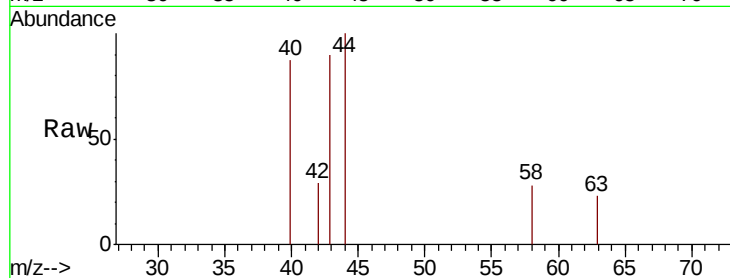
BF5N5

Tgt Ion: 43 Resp: 791

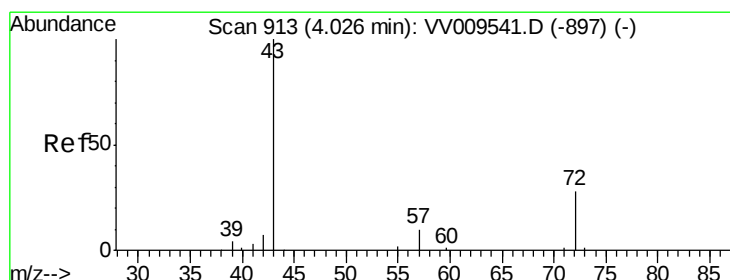
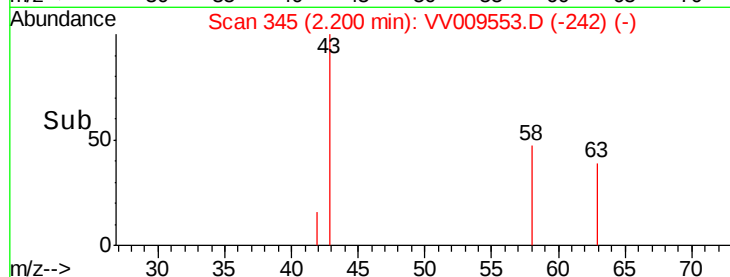
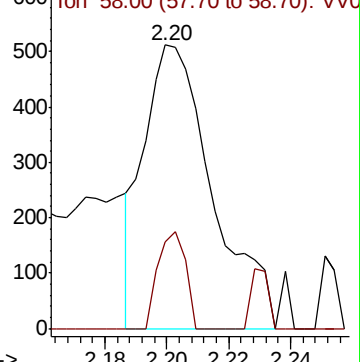
Ion Ratio Lower Upper

43 100

58 13.7 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009553.D (-242) (-)



#21

2-Butanone

Concen: 4.071 ug/L

RT: 4.00 min Scan# 905

Delta R.T. -0.03 min

Lab File: VV009553.D

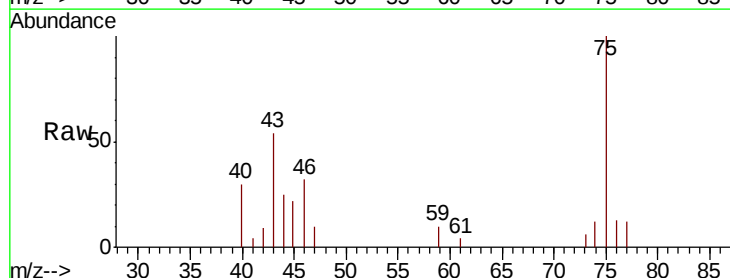
Acq: 08 Mar 2019 21:36

Tgt Ion: 43 Resp: 2645

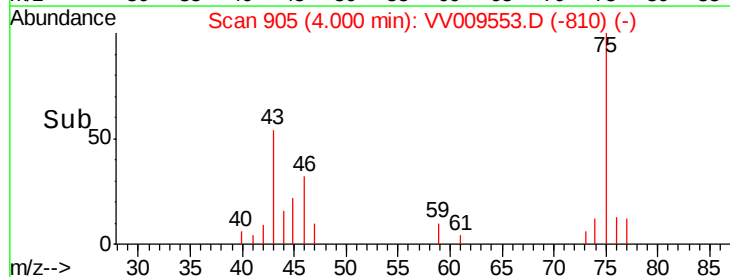
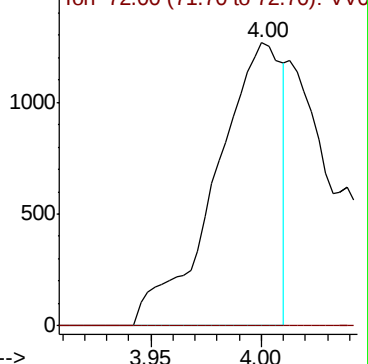
Ion Ratio Lower Upper

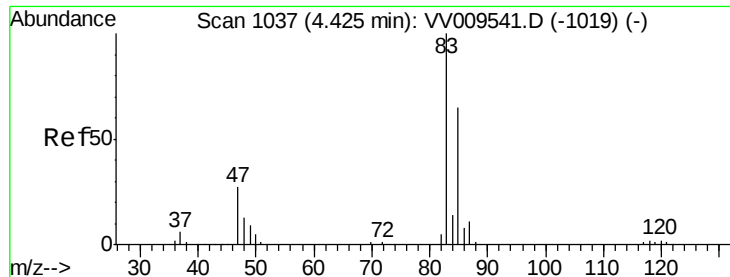
43 100

72 0.0 13.7 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VV009553.D (-810) (-)

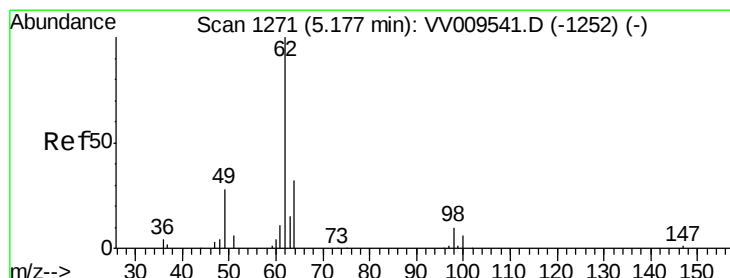
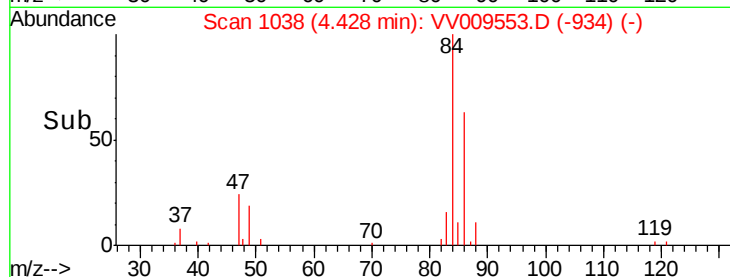
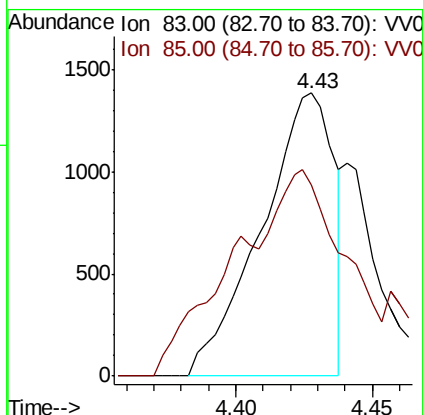
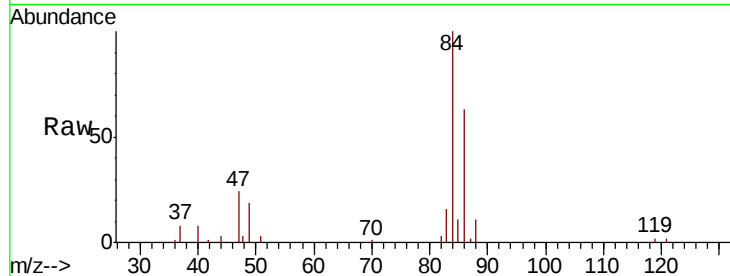




#25
Chloroform
Concen: 0.877 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009553.D
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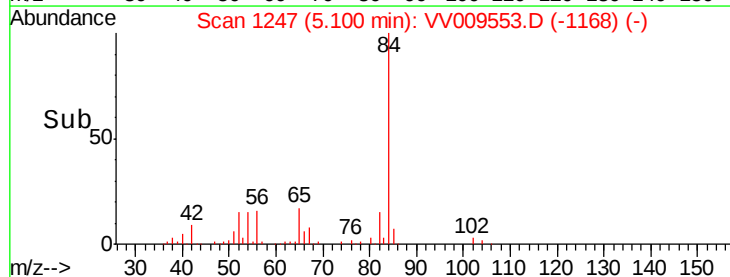
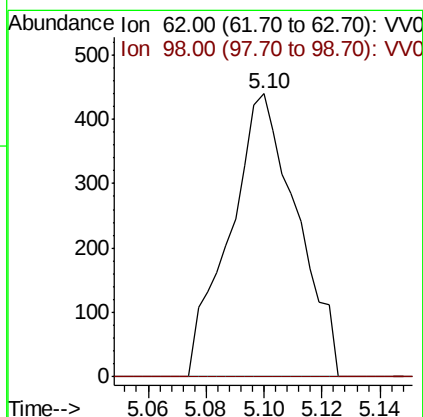
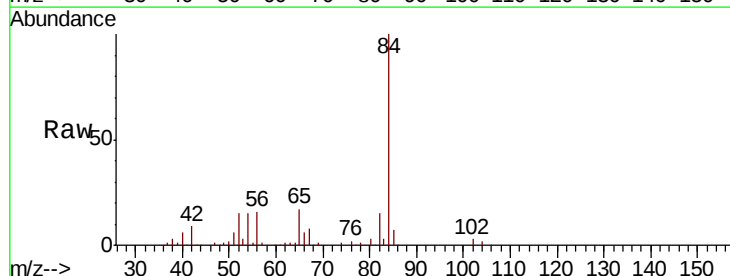
Instrument :
MSVOA_V
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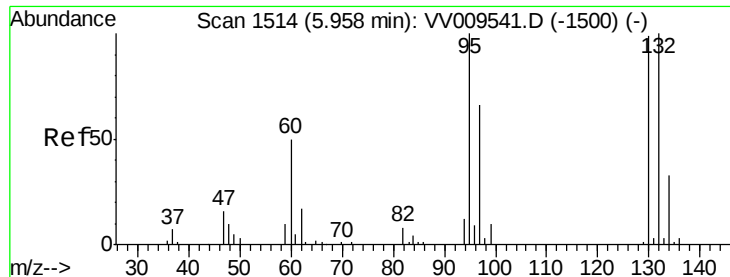
Tgt Ion: 83 Resp: 2542
Ion Ratio Lower Upper
83 100
85 73.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.351 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009553.D
Acq: 08 Mar 2019 21:36

Tgt Ion: 62 Resp: 706
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#35

Trichloroethene

Concen: 2.496 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009553.D

Acq: 08 Mar 2019 21:36

Instrument :

MSVOA_V

ClientSampled :

BF5N5

Tgt Ion: 95 Resp: 3718

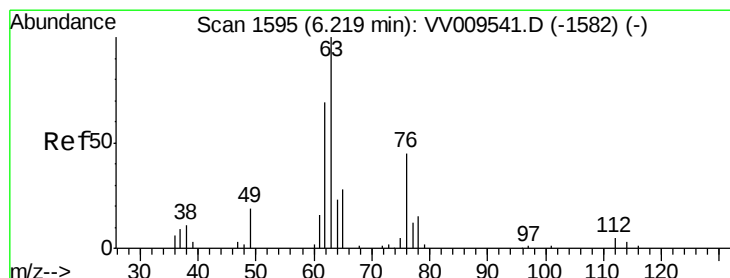
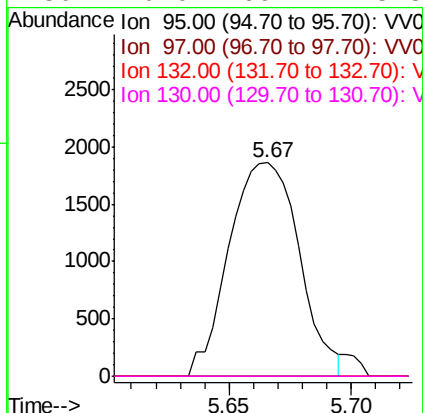
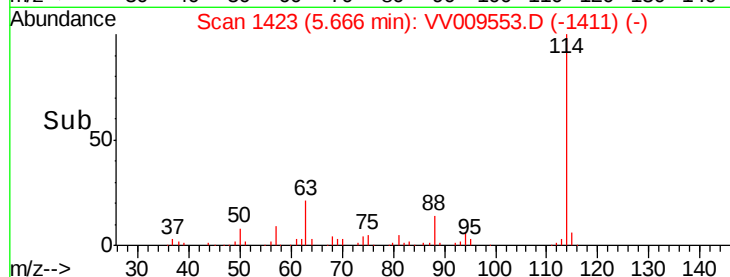
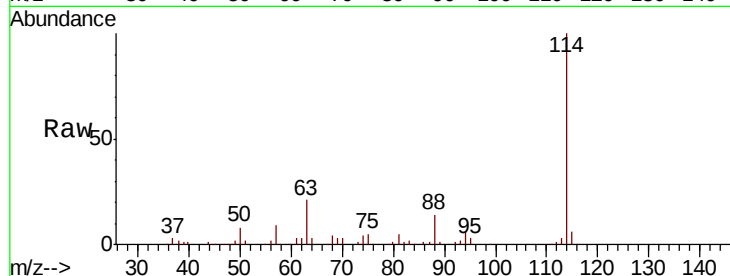
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#



#40

1,2-Dichloropropane

Concen: 4.322 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009553.D

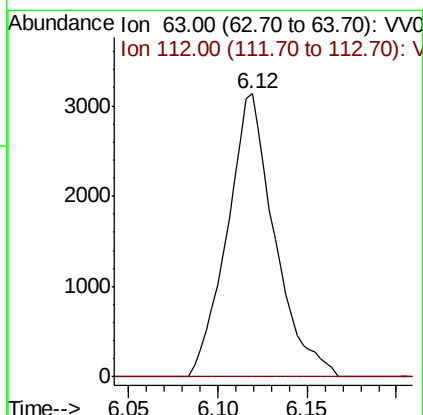
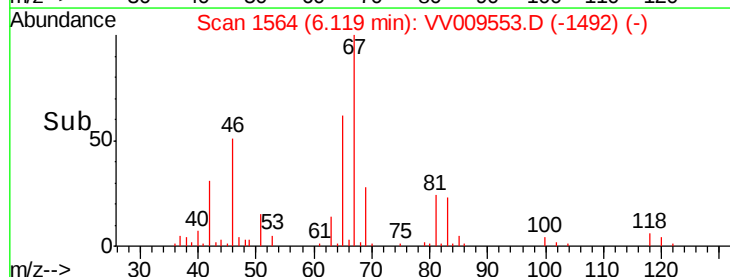
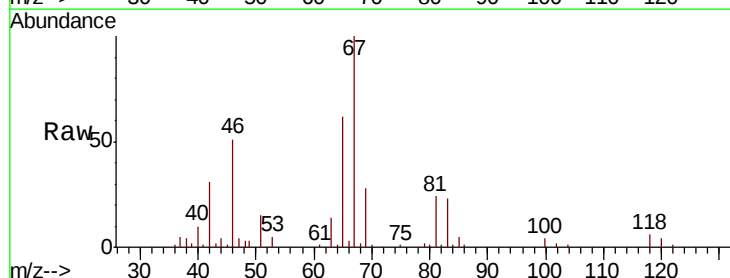
Acq: 08 Mar 2019 21:36

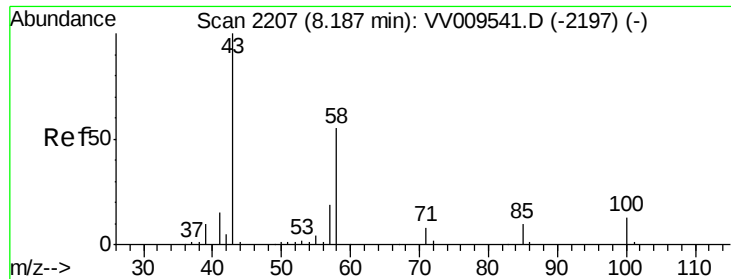
Tgt Ion: 63 Resp: 5776

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

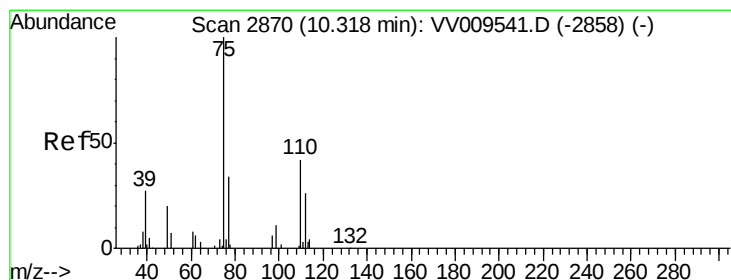
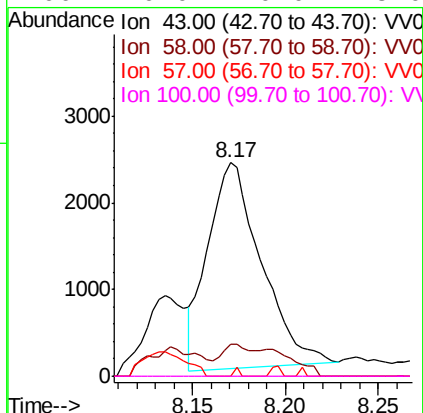
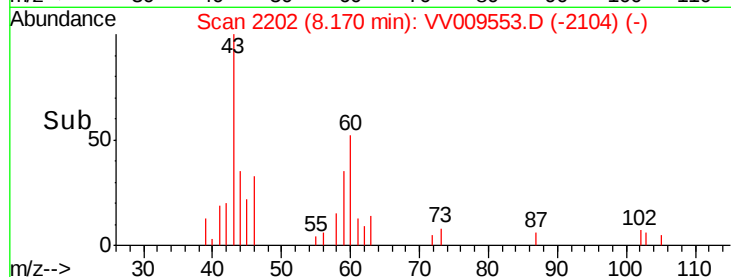
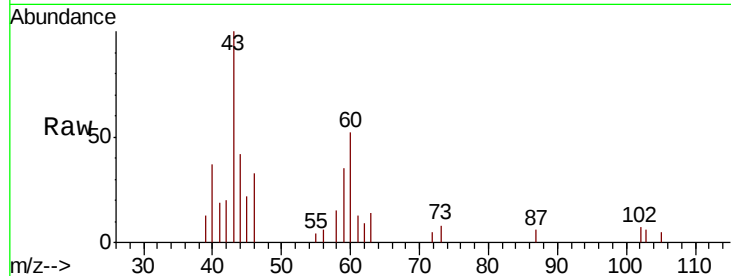




#49
2-Hexanone
Concen: 5.997 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.02 min
Lab File: VV009553.D
Acq: 08 Mar 2019 21:36

Instrument :
MSVOA_V
ClientSampled :
BF5N5

Tgt Ion: 43 Resp: 4777
Ion Ratio Lower Upper
43 100
58 3.8 46.3 69.5#
57 0.9 15.8 23.6#
100 0.0 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 3.856 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009553.D
Acq: 08 Mar 2019 21:36

Tgt Ion: 75 Resp: 4358
Ion Ratio Lower Upper
75 100
77 37.2 25.9 38.9

