

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040188.D
 Acq On : 17 Sep 2020 17:55
 Operator : SY/MD
 Sample : L4063-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF3

Quant Time: Sep 18 04:04:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	103274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44011	5.00	ug/L	0.00

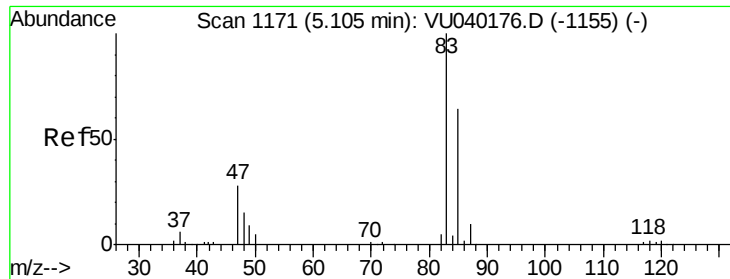
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25709	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.92	69	23685	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	45194	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.66	46	113340	50.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.50%
24) Chloroform-d	5.08	84	56911	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.72	65	39732	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.75	84	114830	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	38170	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	91240	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.19	79	15479	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	81221	48.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33743	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	37798	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

					Ovalue
25) Chloroform	5.11	83	9779	0.540 ug/L	93
34) Trichloroethene	6.27	95	1842	0.191 ug/L #	9
35) Methylcyclohexane	6.71	83	9894	0.669 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4669	0.479 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1356	0.094 ug/L	85
44) trans-1,3-Dichloropropene	8.19	75	817	0.061 ug/L #	77
48) 2-Hexanone	8.64	43	11301	1.937 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	6560	0.908 ug/L #	86

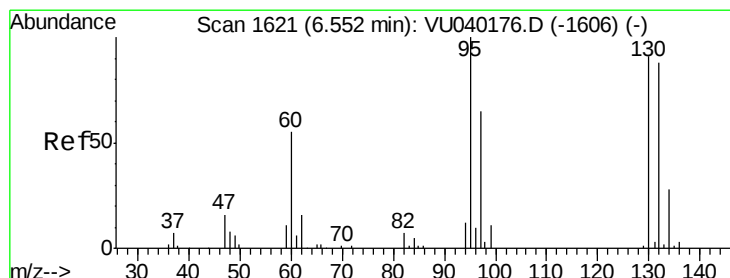
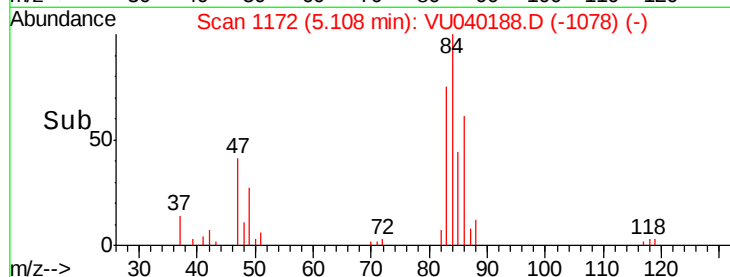
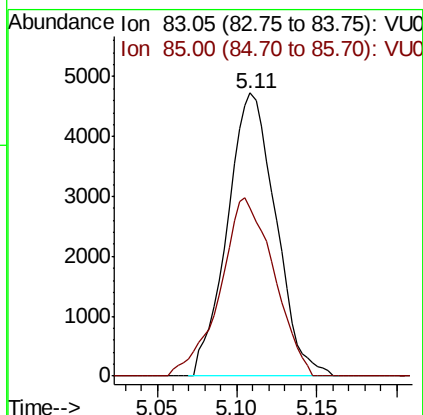
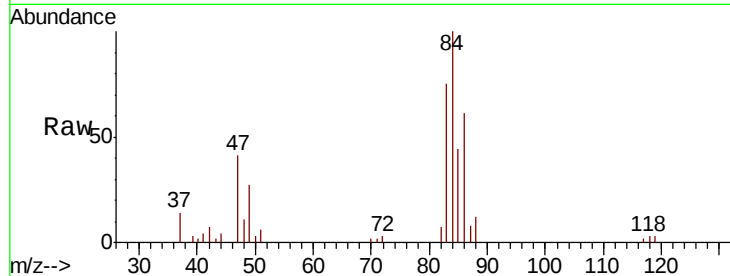
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#25
Chloroform
Concen: 0.540 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040188.D
Acq: 17 Sep 2020 17:55

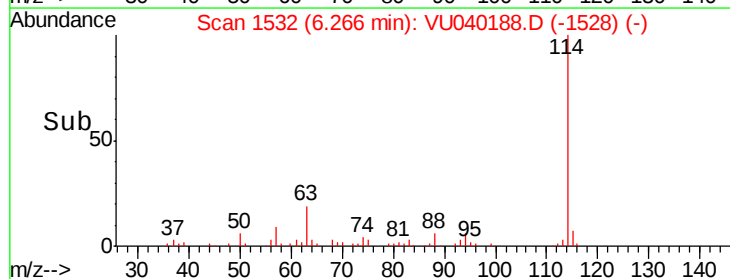
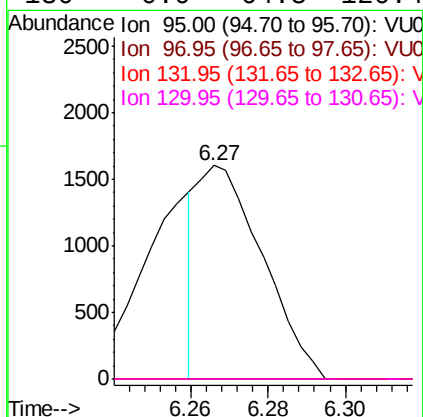
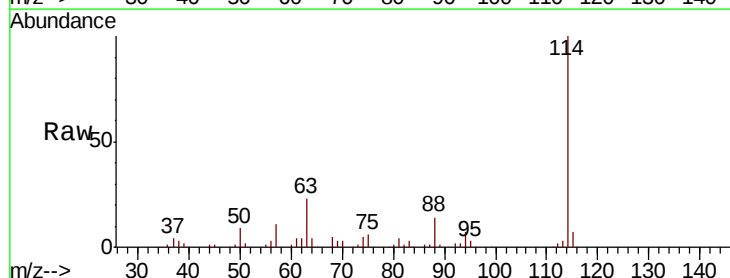
Instrument :
MSVOA_U
ClientSampled :
C0AF3

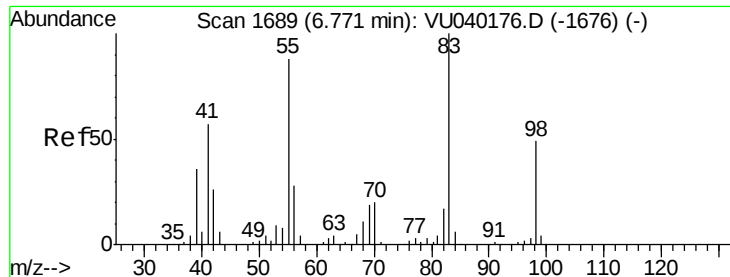
Tot Ion: 83 Resp: 9779
Ion Ratio Lower Upper
83 100
85 59.4 45.3 84.1



#34
Trichloroethene
Concen: 0.191 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU040188.D
Acq: 17 Sep 2020 17:55

Tgt Ion: 95 Resp: 1842
Ion Ratio Lower Upper
95 100
97 0.0 43.3 80.5#
132 0.0 59.4 110.4#
130 0.0 64.8 120.4#

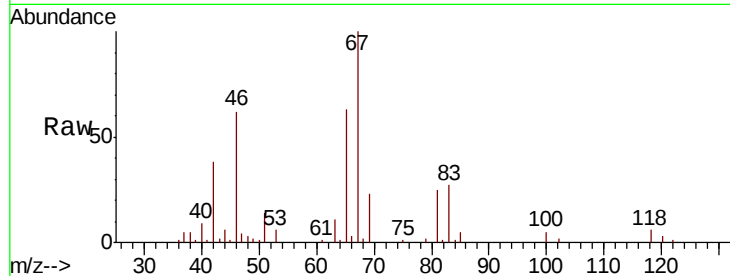




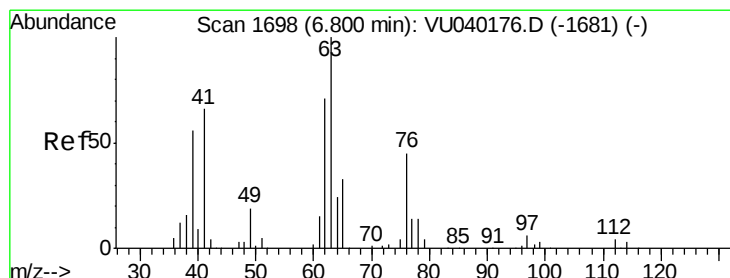
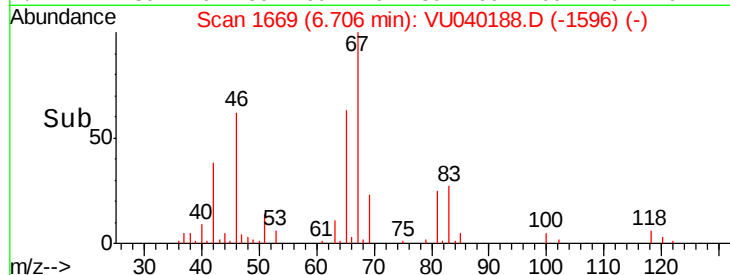
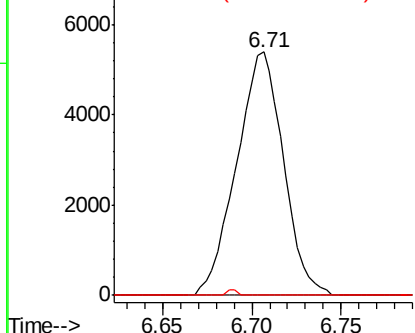
#35
Methvlcvclohexane
Concen: 0.669 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU040188.D
Acq: 17 Sep 2020 17:55

Instrument :
MSVOA_U
ClientSampleId :
C0AF3

Tot Ion: 83 Resp: 9894
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#

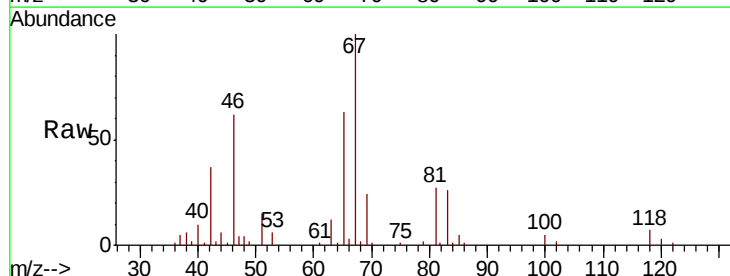


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

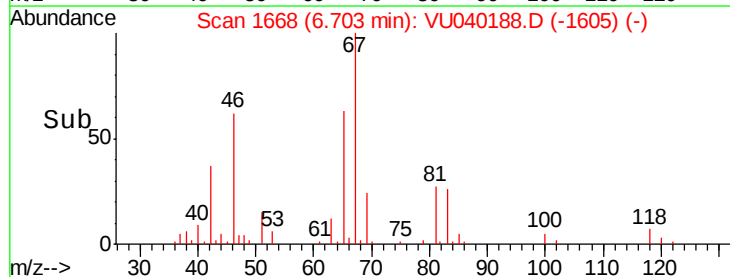
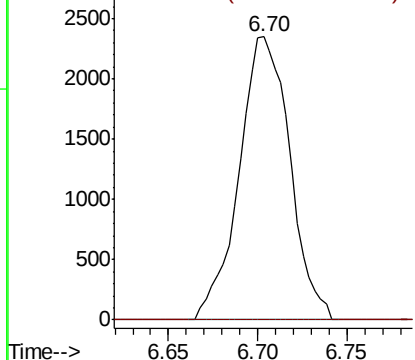


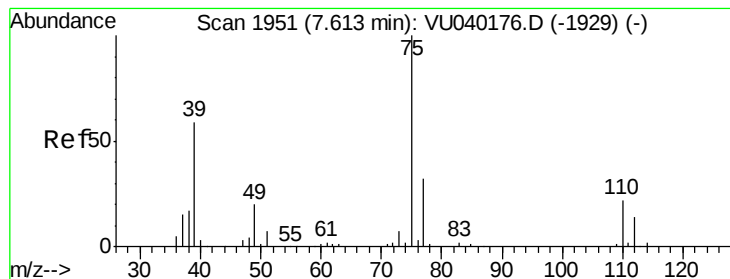
#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040188.D
Acq: 17 Sep 2020 17:55

Tgt Ion: 63 Resp: 4669
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



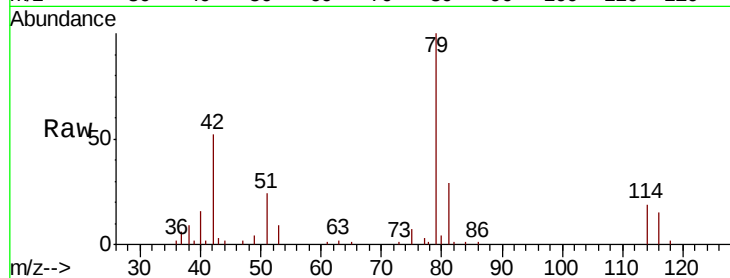


#39

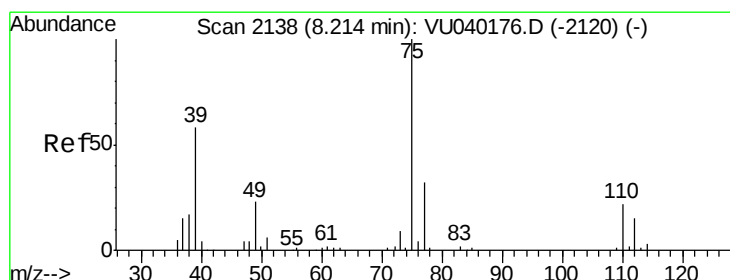
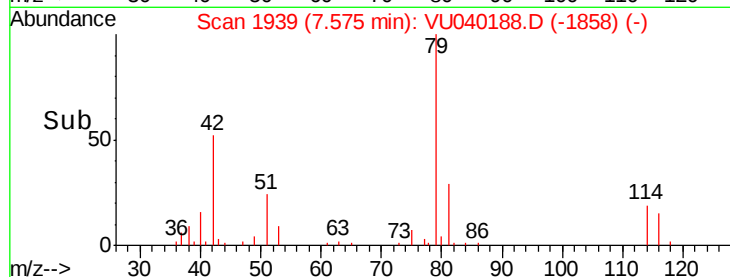
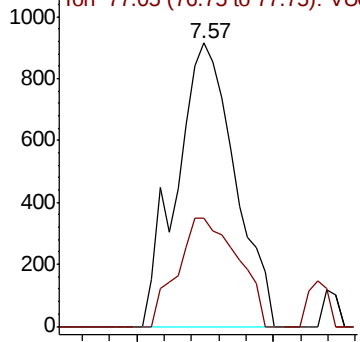
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040188.D
Acq: 17 Sep 2020 17:55

Instrument :
MSVOA_U
ClientSampleId :
C0AF3

Tot Ion: 75 Resp: 1356
Ion Ratio Lower Upper
75 100
77 38.3 21.1 39.3



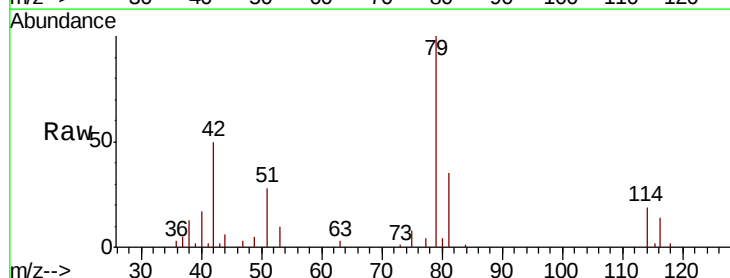
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



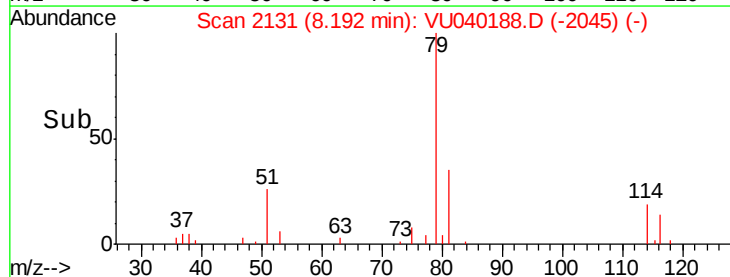
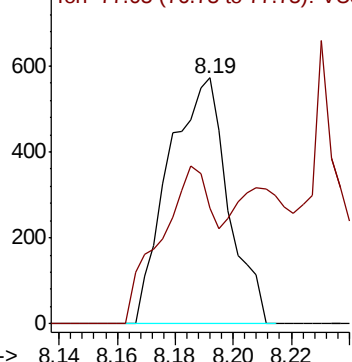
#44

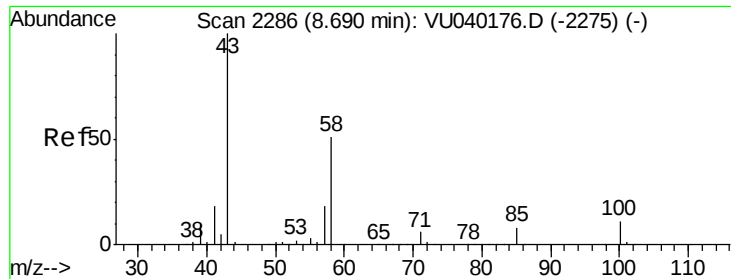
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU040188.D
Acq: 17 Sep 2020 17:55

Tgt Ion: 75 Resp: 817
Ion Ratio Lower Upper
75 100
77 47.2 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0

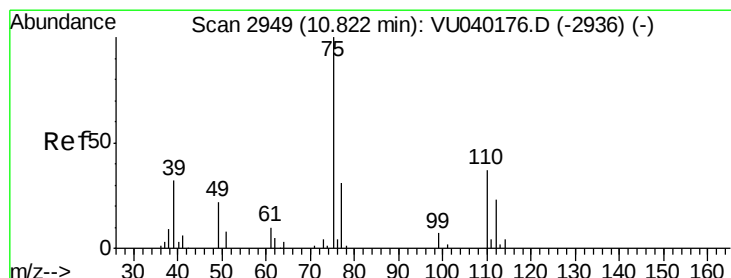
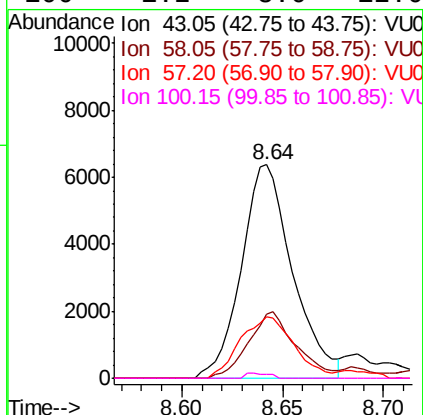
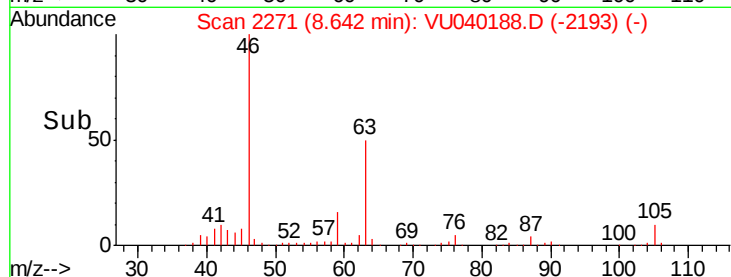
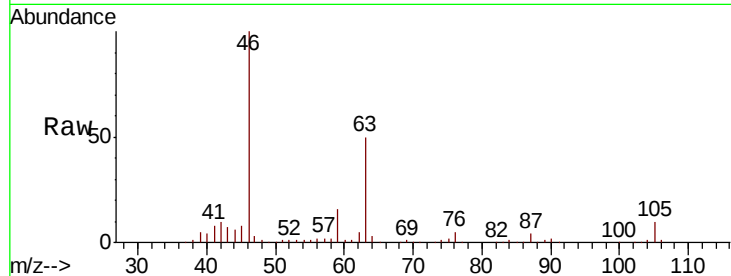




#48
2-Hexanone
Concen: 1.937 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040188.D
Acq: 17 Sep 2020 17:55

Instrument :
MSVOA_U
ClientSampleId :
C0AF3

Tot Ion: 43 Resp: 11301
Ion Ratio Lower Upper
43 100
58 28.9 39.6 59.4#
57 30.1 14.3 21.5#
100 1.2 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 0.908 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040188.D
Acq: 17 Sep 2020 17:55

Tgt Ion: 75 Resp: 6560
Ion Ratio Lower Upper
75 100
77 38.8 24.9 37.3#

