

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026312.D
 Acq On : 23 Aug 2018 20:36
 Operator : MD/SY
 Sample : J4598-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 02:08:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:06:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	288120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	276129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129379	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88298	50.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.48%
7) Chloroethane-d5	1.68	69	73967	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.24%
11) 1,1-Dichloroethene-d2	2.27	63	137104	39.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.38%
21) 2-Butanone-d5	4.18	46	143600	102.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.65	84	197727	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	5.31	65	131873	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
32) Benzene-d6	5.35	84	383349	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
36) 1,2-Dichloropropane-d6	6.33	67	125039	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.44%
41) Toluene-d8	7.57	98	344818	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%
43) trans-1,3-Dichloropropene-	7.85	79	58611	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.66%
47) 2-Hexanone-d5	8.31	63	101193	99.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	174287	49.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	146759	53.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.92%

Target Compounds

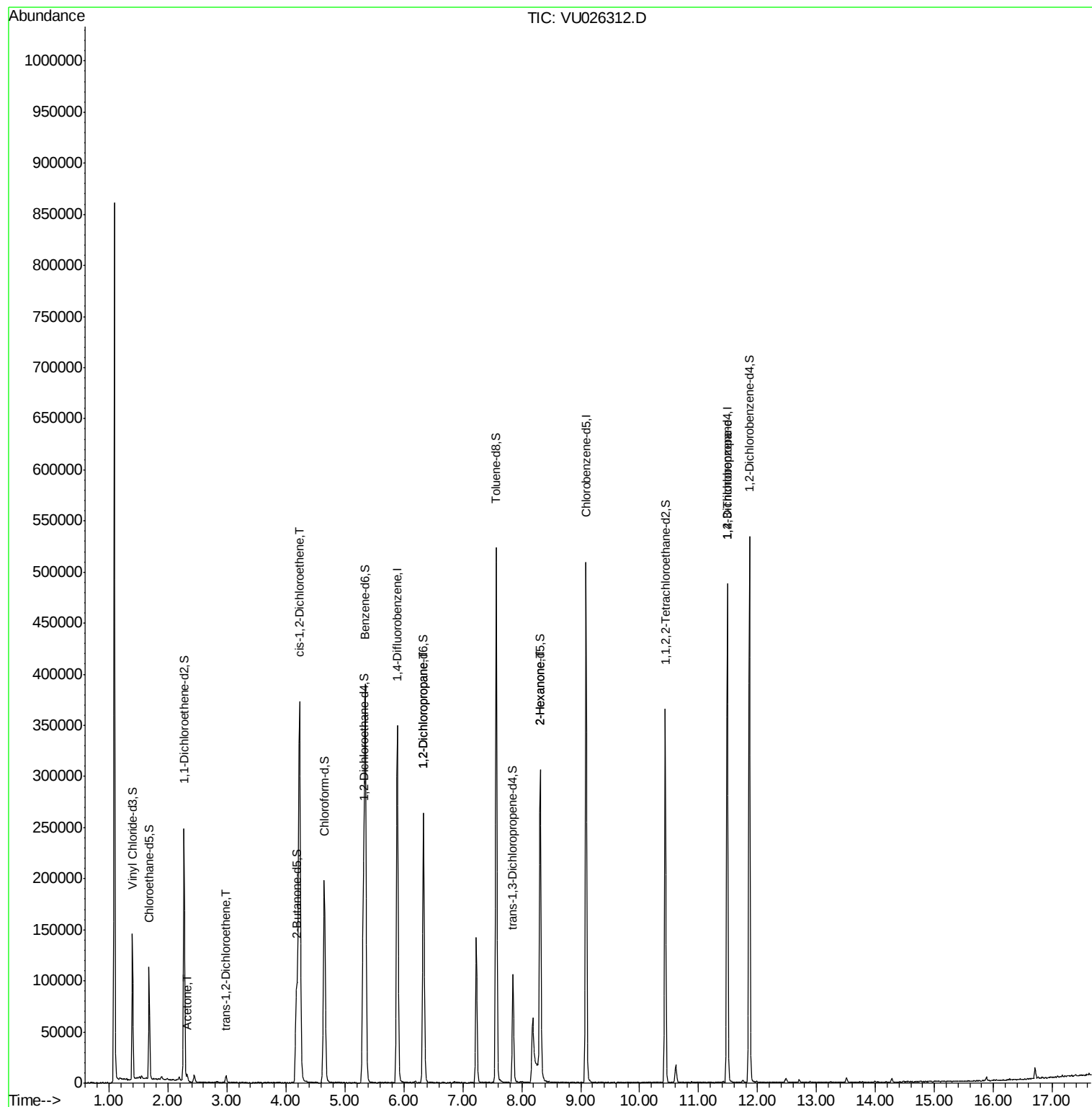
					Ovalue
13) Acetone	2.32	43	5323	4.904 ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	2788	1.492 ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	207579	100.611 ug/L	98
37) 1,2-Dichloropropane	6.33	63	13622	6.621 ug/L #	88
48) 2-Hexanone	8.31	43	12228	5.827 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	14945	5.827 ug/L	93

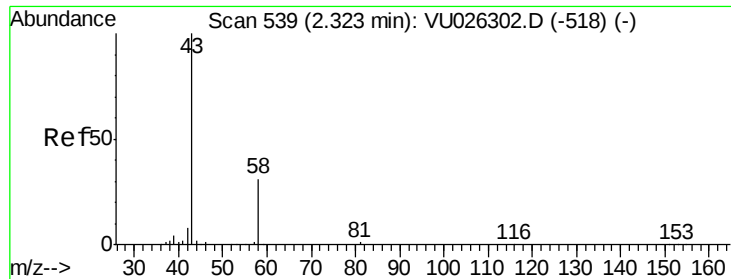
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.904 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026312.D

Acq: 23 Aug 2018 20:36

Instrument :

MSVOA_U

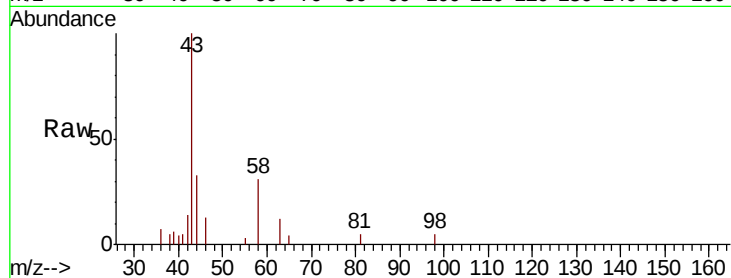
ClientSampleId :

Tot Ion: 43 Resp: 5323

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

4000

3000

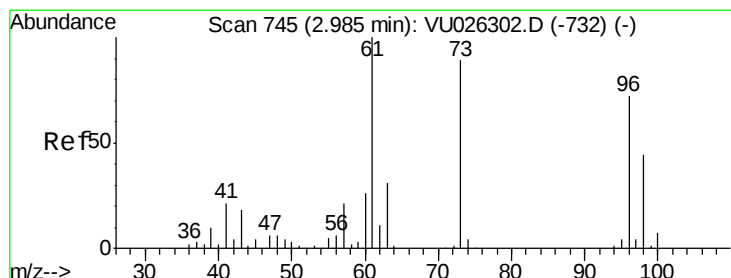
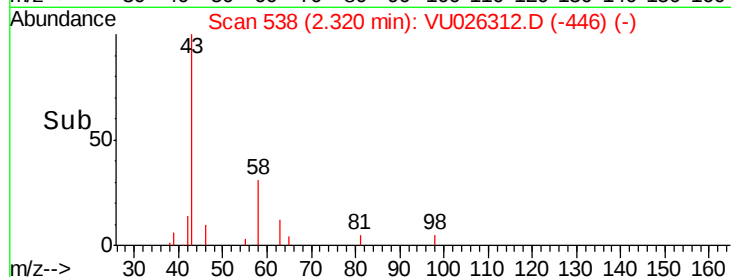
2000

1000

0

Time-->

2.30 2.35



#17

trans-1,2-Dichloroethene

Concen: 1.492 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026312.D

Acq: 23 Aug 2018 20:36

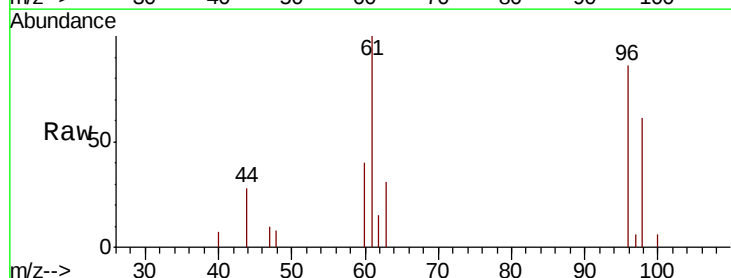
Tgt Ion: 96 Resp: 2788

Ion Ratio Lower Upper

96 100

61 115.8 97.9 181.9

98 70.7 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

2500

2000

1500

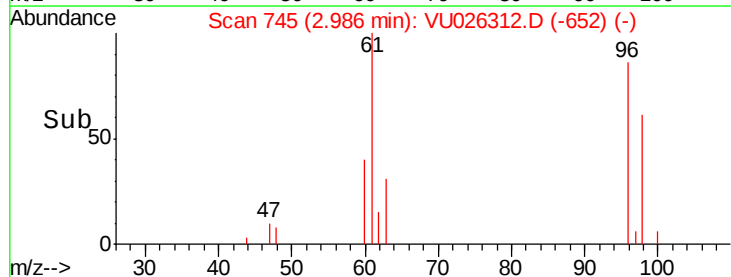
1000

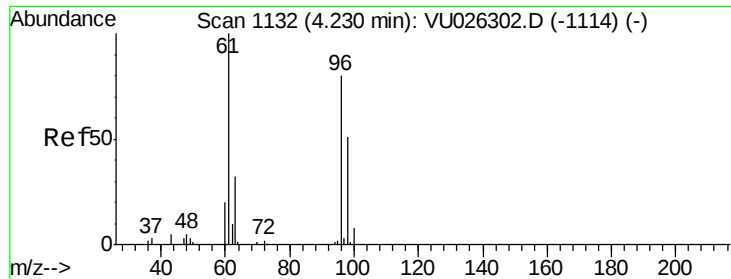
500

0

Time-->

2.95 3.00

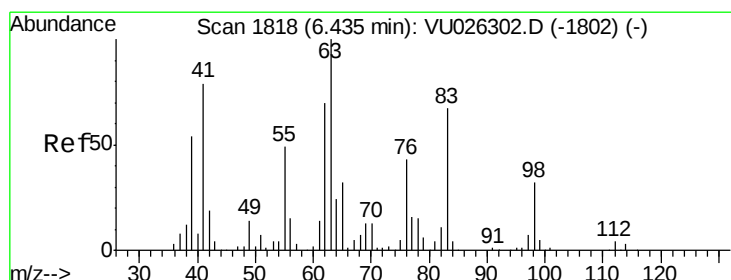
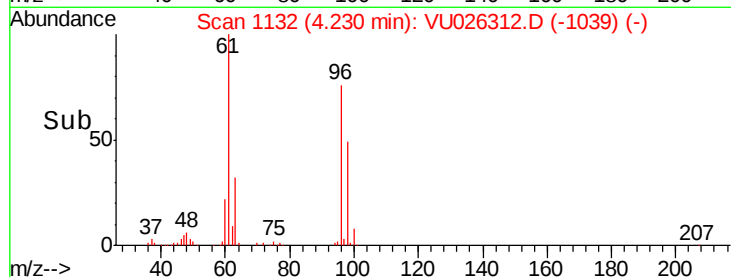
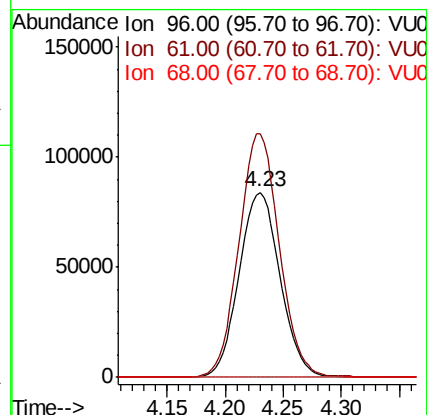
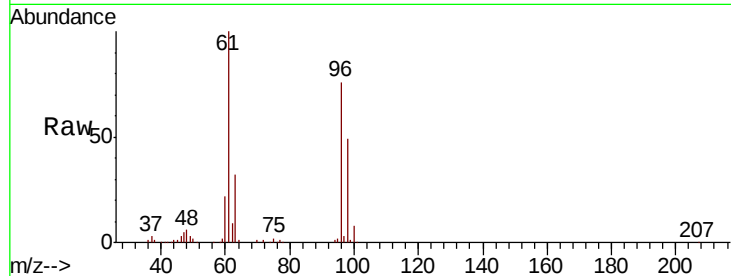




#20
 cis-1,2-Dichloroethene
 Concen: 100.611 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026312.D
 Acq: 23 Aug 2018 20:36

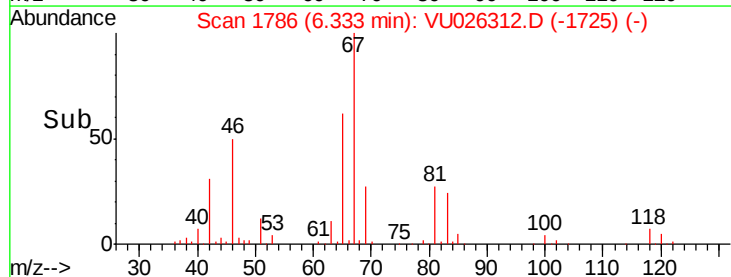
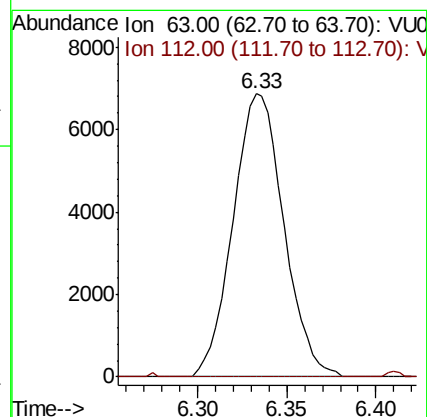
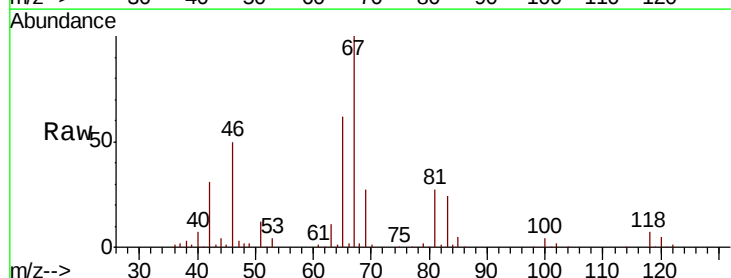
Instrument :
 MSVOA_U
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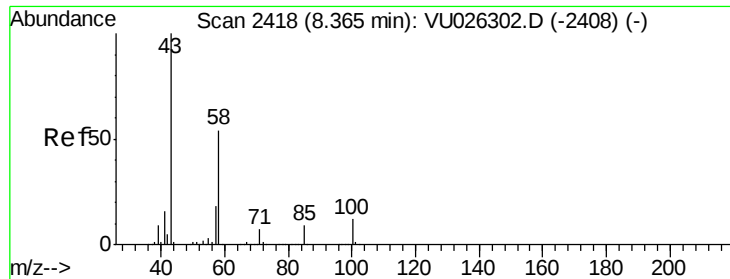
Tot Ion	96	Resp	207579
Ion	Ratio	Lower	Upper
96	100		
61	131.7	90.3	167.7
68	0.0	0.0	0.0



#37
 1,2-Dichloropropane
 Concen: 6.621 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026312.D
 Acq: 23 Aug 2018 20:36

Tgt Ion	63	Resp	13622
Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.4	5.2#

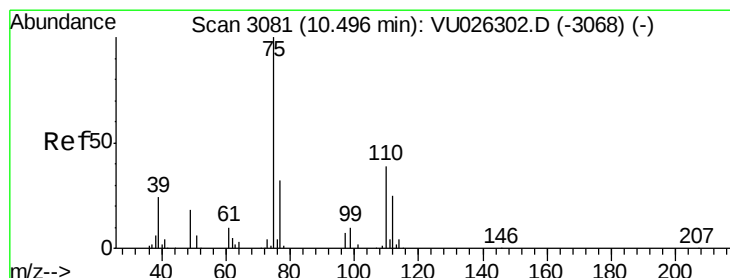
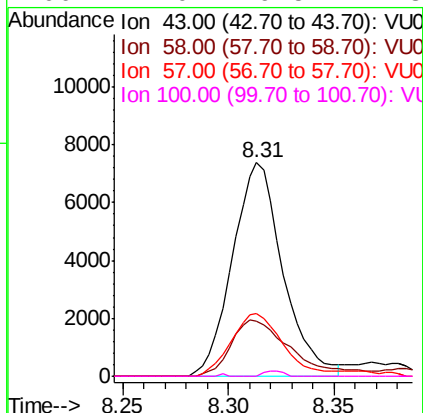
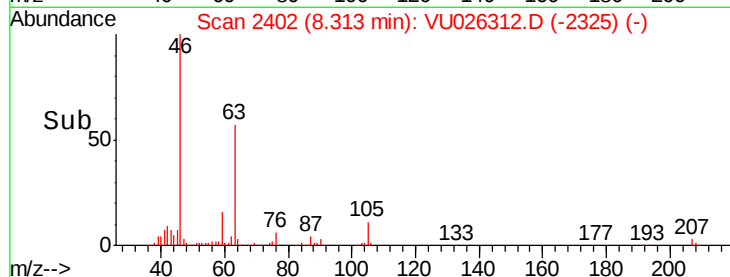
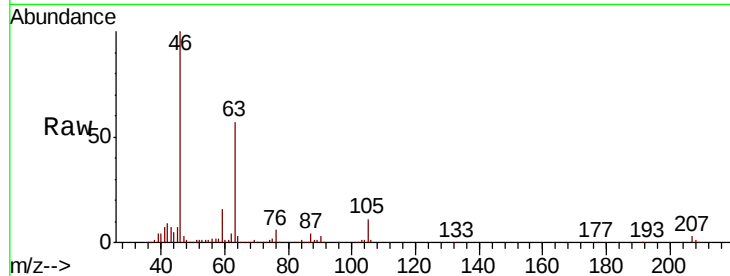




#48
2-Hexanone
Concen: 5.827 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026312.D
Acq: 23 Aug 2018 20:36

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 12228
Ion Ratio Lower Upper
43 100
58 31.5 42.6 63.8#
57 30.1 15.1 22.7#
100 1.0 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 5.827 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU026312.D
Acq: 23 Aug 2018 20:36

Tgt Ion: 75 Resp: 14945
Ion Ratio Lower Upper
75 100
77 35.9 25.5 38.3

