

Data File : VU026566.D
Acq On : 06 Sep 2018 00:45
Operator : MD/SY
Sample : J4718-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEGC7

Quant Time: Sep 06 06:02:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160655	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151350	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41581	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.54%
7) Chloroethane-d5	1.68	69	39333	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.50%
11) 1,1-Dichloroethene-d2	2.27	63	63217	28.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.40%#
21) 2-Butanone-d5	4.18	46	77439	100.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.24%
24) Chloroform-d	4.65	84	85758	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	5.31	65	57081	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
32) Benzene-d6	5.34	84	162429	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.33	67	57988	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.78%
41) Toluene-d8	7.57	98	142408	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.85	79	23864	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
47) 2-Hexanone-d5	8.31	63	53147	96.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81656	46.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	58046	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

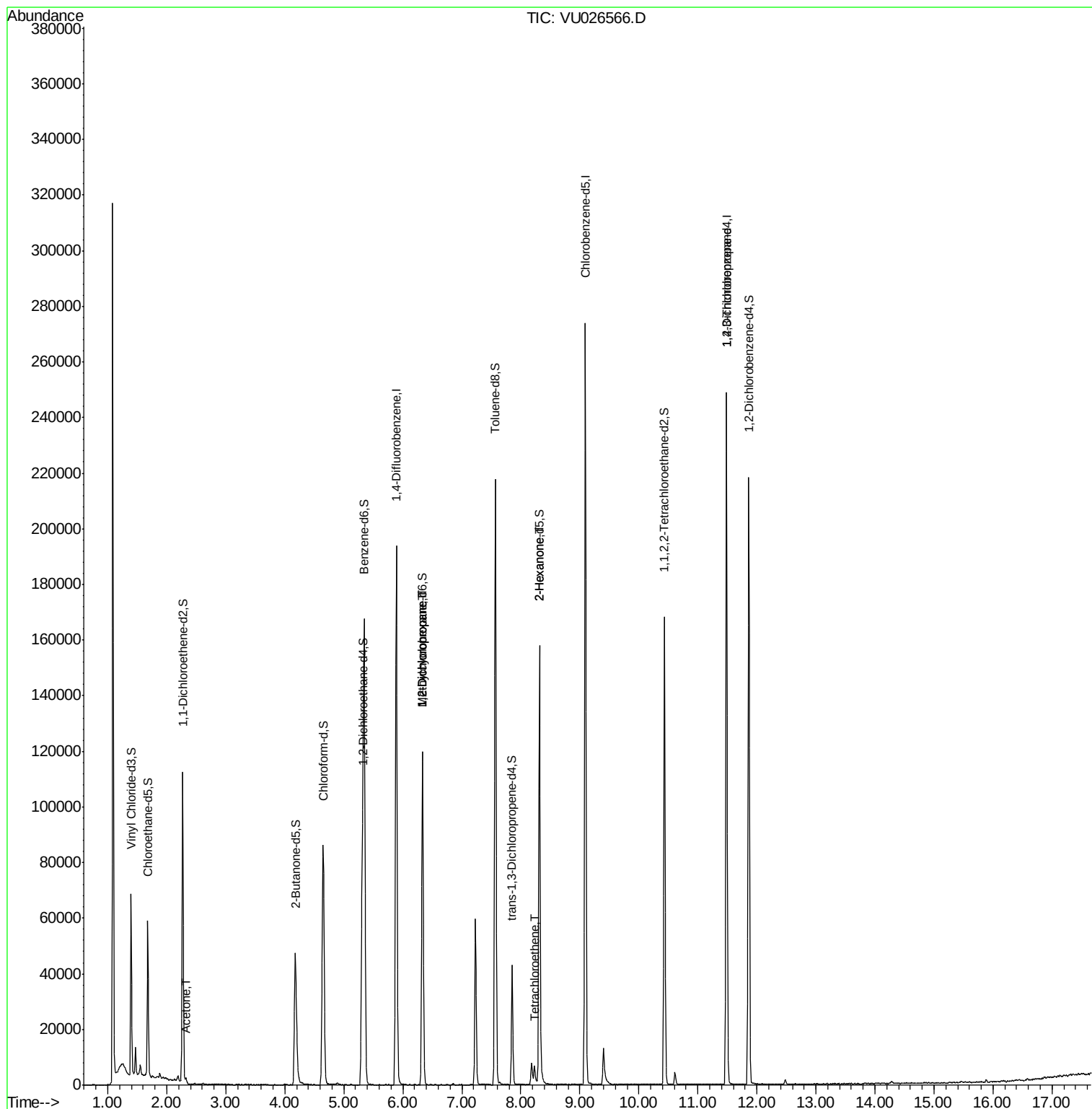
					Qvalue
13) Acetone	2.32	43	1926	2.879 ug/L	95
35) Methylcyclohexane	6.33	83	13144	7.734 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5986	4.983 ug/L #	88
46) Tetrachloroethene	8.23	164	1287	1.446 ug/L	92
48) 2-Hexanone	8.31	43	6363	4.987 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	7556	5.041 ug/L	89

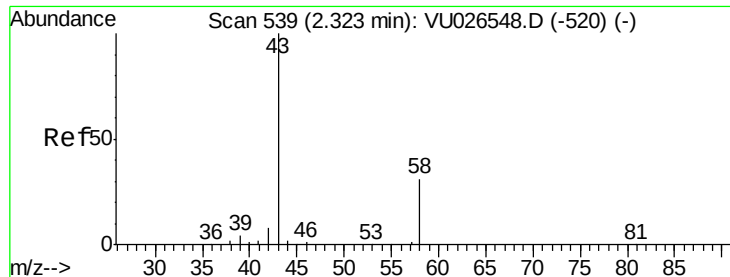
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.879 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026566.D

Acq: 06 Sep 2018 00:45

Instrument :

MSVOA_U

ClientSampled :

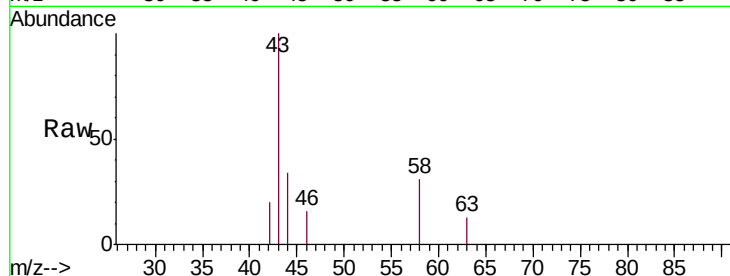
BEGC7

Tgt Ion: 43 Resp: 1926

Ion Ratio Lower Upper

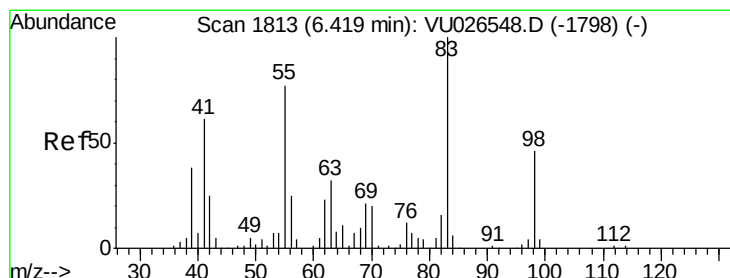
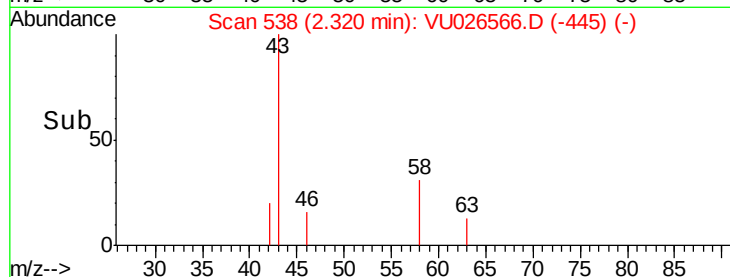
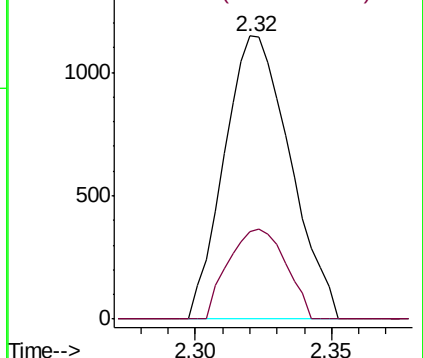
43 100

58 27.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 7.734 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026566.D

Acq: 06 Sep 2018 00:45

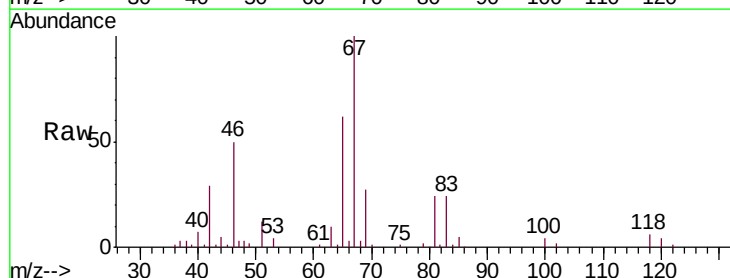
Tgt Ion: 83 Resp: 13144

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

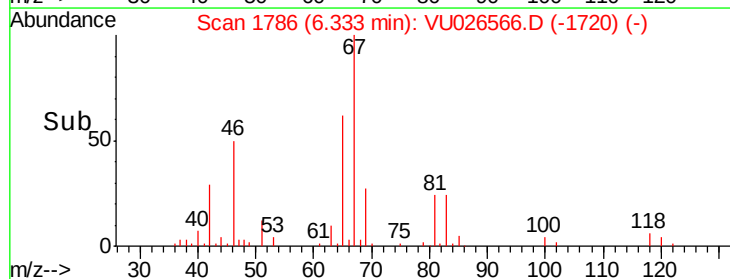
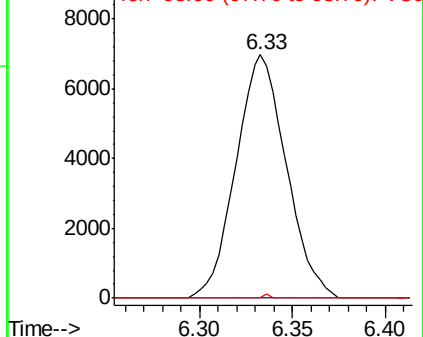
98 0.0 36.7 55.1#

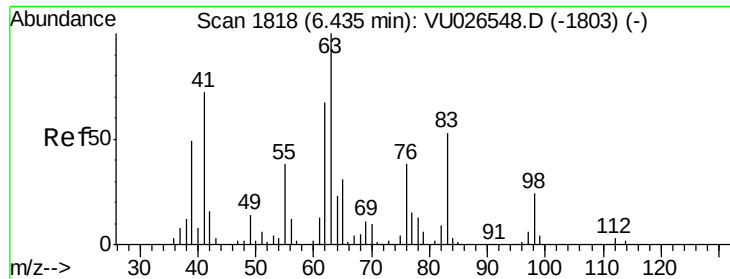


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

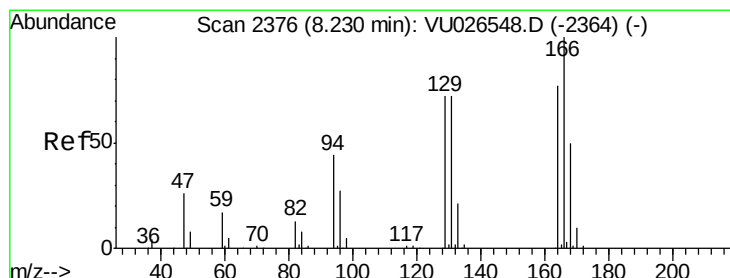
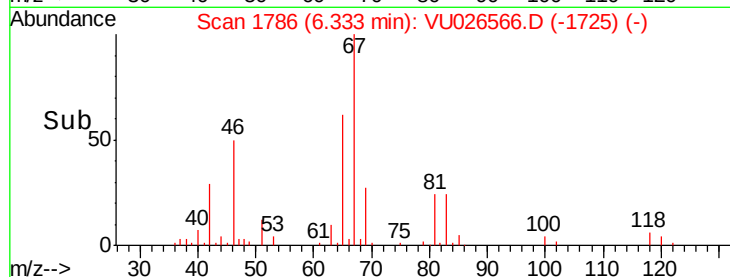
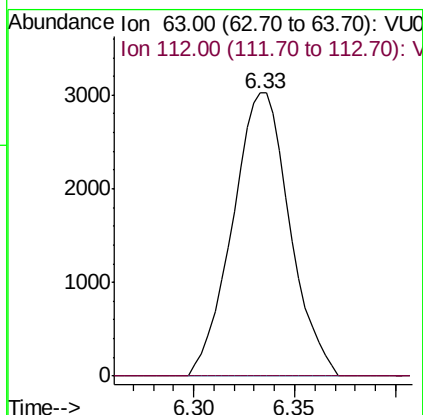
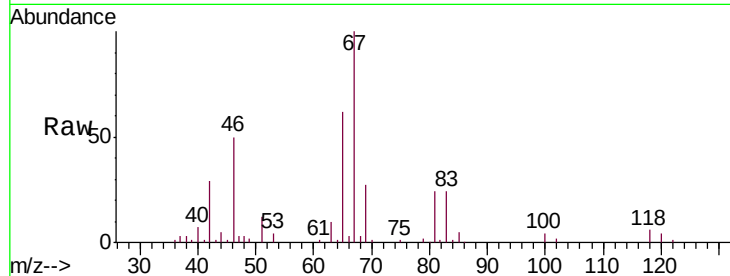




#37
 1,2-Dichloropropane
 Concen: 4.983 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026566.D
 Acq: 06 Sep 2018 00:45

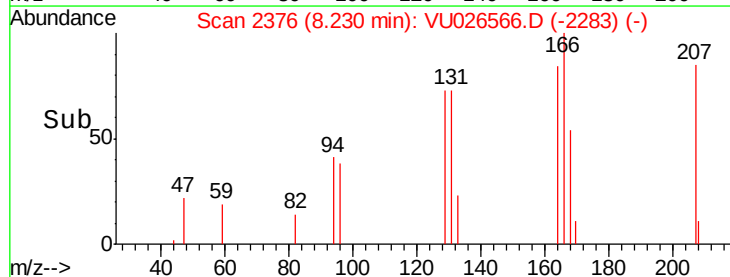
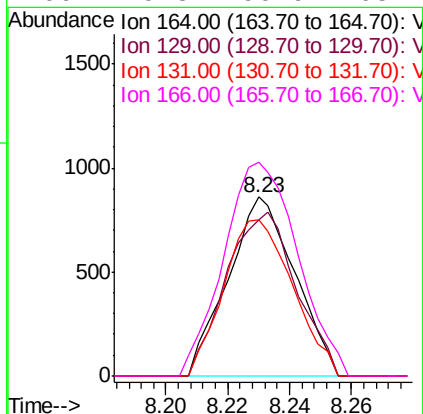
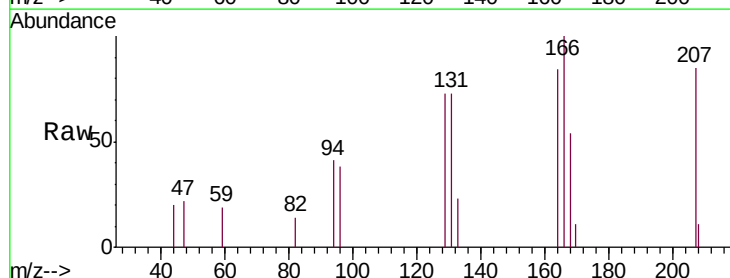
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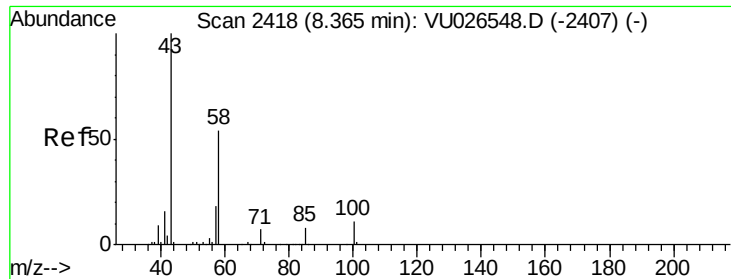
Tgt Ion: 63 Resp: 5986
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 1.446 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026566.D
 Acq: 06 Sep 2018 00:45

Tgt Ion: 164 Resp: 1287
 Ion Ratio Lower Upper
 164 100
 129 87.5 67.3 125.1
 131 87.3 65.3 121.3
 166 119.3 90.9 168.7

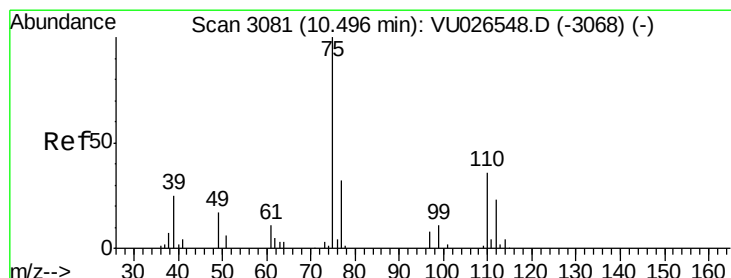
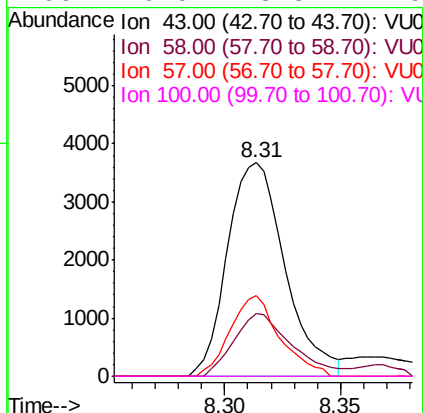
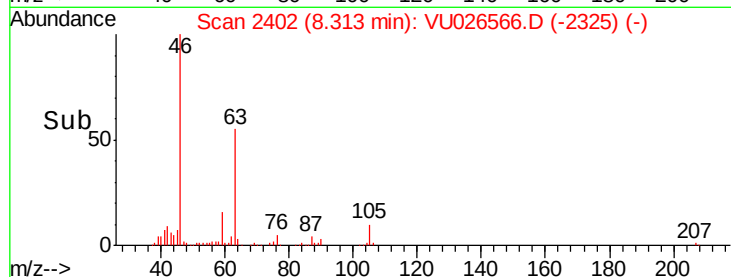
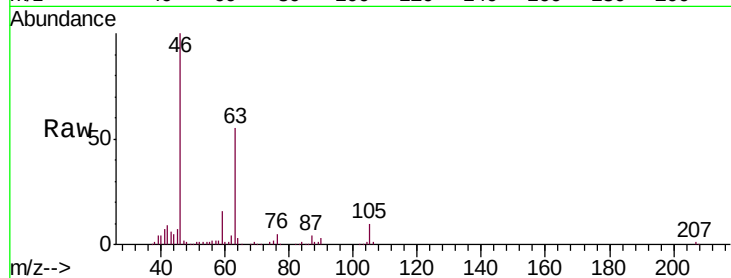




#48
 2-Hexanone
 Concen: 4.987 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026566.D
 Acq: 06 Sep 2018 00:45

Instrument :
 MSVOA_U
 ClientSampled :
 BEGC7

Tgt Ion: 43 Resp: 6363
 Ion Ratio Lower Upper
 43 100
 58 29.5 42.2 63.4#
 57 32.5 14.6 21.8#
 100 0.0 8.3 12.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.041 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026566.D
 Acq: 06 Sep 2018 00:45

Tgt Ion: 75 Resp: 7556
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.0 37.6

