

Data File : VU027832.D
Acq On : 26 Oct 2018 14:42
Operator : MD/SY
Sample : J5668-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBQ7

Quant Time: Oct 27 01:46:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	111670	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	102432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48841	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31376	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.22%
7) Chloroethane-d5	1.68	69	26481	39.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.18%
11) 1,1-Dichloroethene-d2	2.27	63	46985	30.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.06%
21) 2-Butanone-d5	4.18	46	74593	100.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.74%
24) Chloroform-d	4.65	84	67941	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.31	65	48579	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
32) Benzene-d6	5.34	84	129381	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
36) 1,2-Dichloropropane-d6	6.33	67	48252	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.66%
41) Toluene-d8	7.57	98	116301	43.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.44%
43) trans-1,3-Dichloropropene-	7.85	79	22331	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
47) 2-Hexanone-d5	8.31	63	53604	100.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63977	47.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	44161	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%

Target Compounds

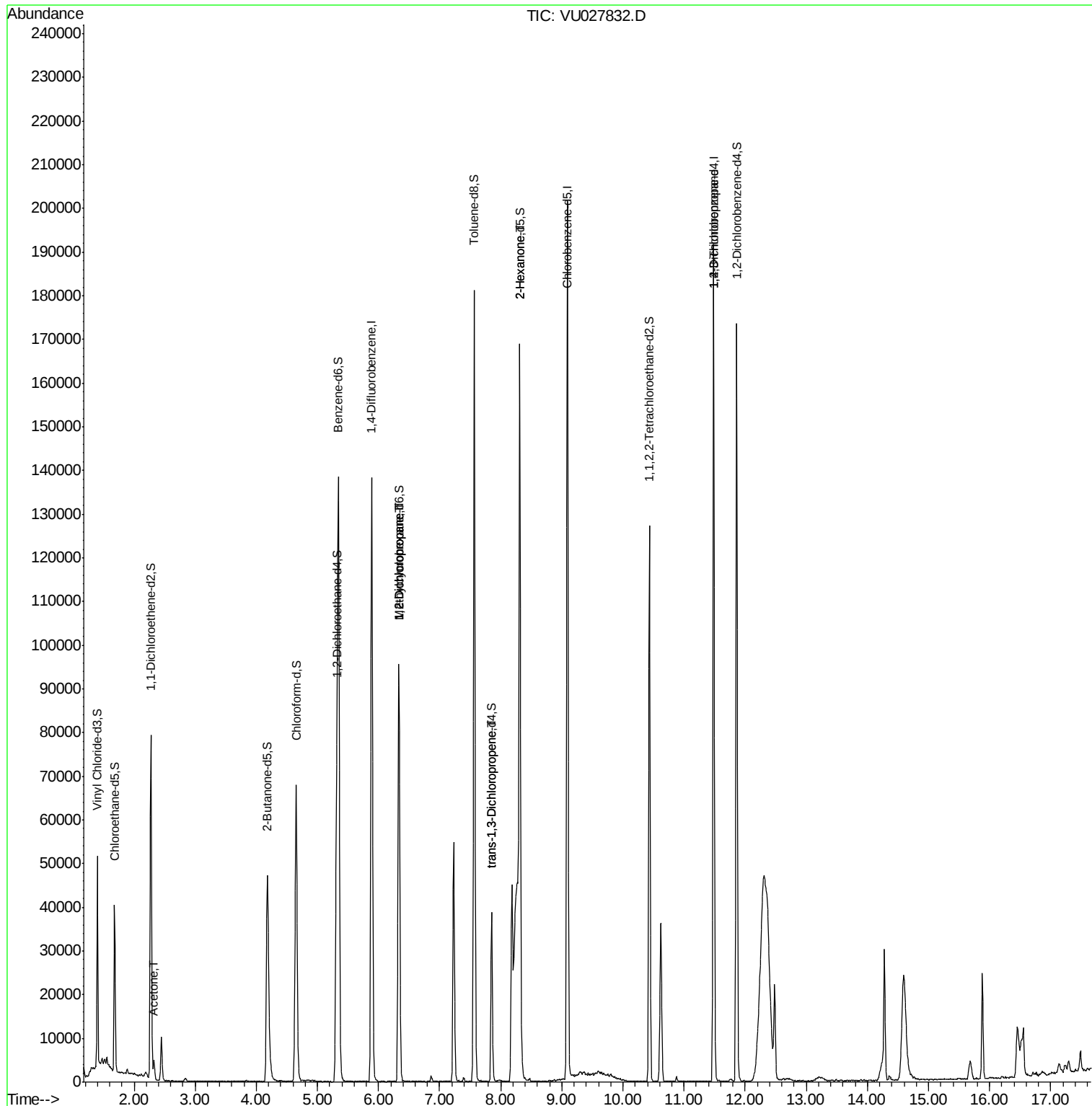
					Qvalue
13) Acetone	2.32	43	4515	8.754 ug/L	96
35) Methylcyclohexane	6.33	83	10452	7.922 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5289	5.874 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	900	0.686 ug/L	98
48) 2-Hexanone	8.31	43	5962	5.313 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	5785	5.437 ug/L	88

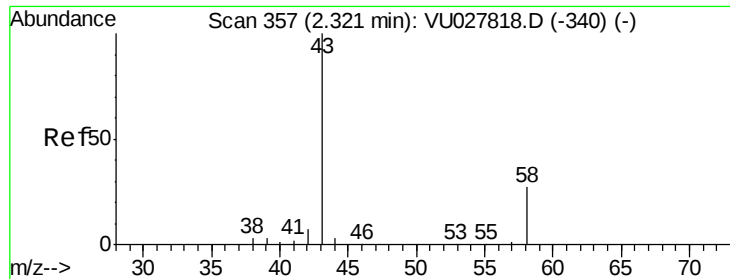
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.754 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Acq: 26 Oct 2018 14:42

Instrument :

MSVOA_U

ClientSampleId :

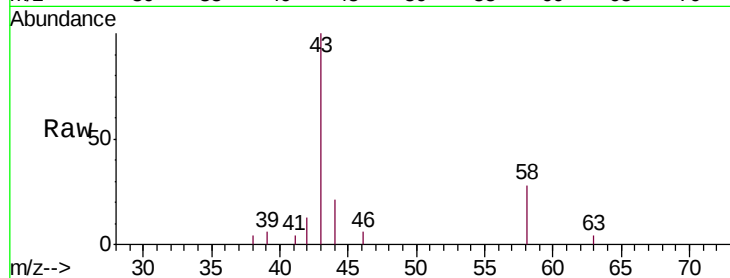
ETBQ7

Tgt Ion: 43 Resp: 4515

Ion Ratio Lower Upper

43 100

58 26.7 0.0 57.4



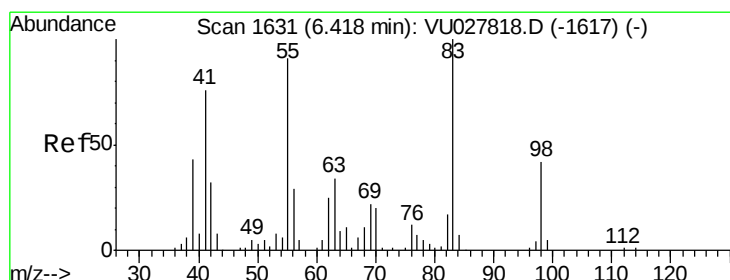
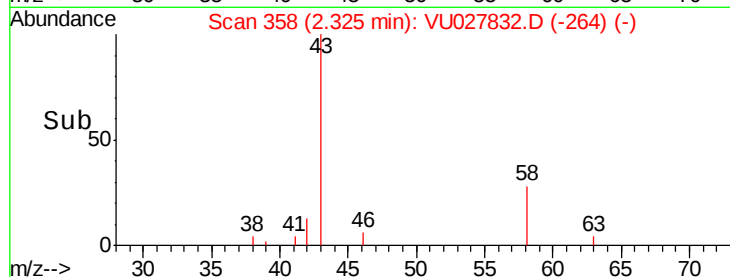
Abundance Ion 43.00 (42.70 to 43.70): VU027818.D (-340) (-)

Ion 58.00 (57.70 to 58.70): VU027818.D (-340) (-)

2.32

2.30 2.35

Time-->



#35

Methylcyclohexane

Concen: 7.922 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

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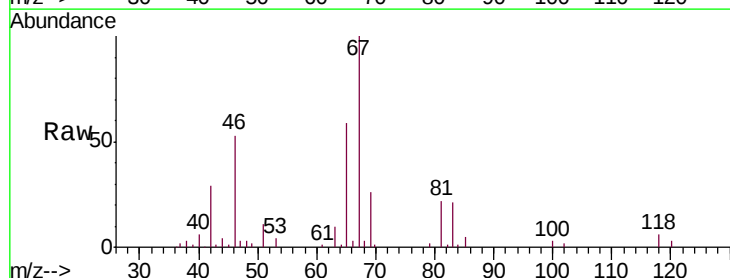
Tgt Ion: 83 Resp: 10452

Ion Ratio Lower Upper

83 100

55 0.0 71.9 107.9#

98 0.0 34.6 52.0#



Abundance Ion 83.00 (82.70 to 83.70): VU027818.D (-1617) (-)

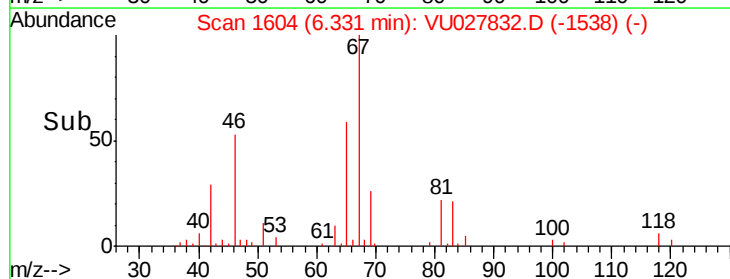
Ion 55.00 (54.70 to 55.70): VU027818.D (-1617) (-)

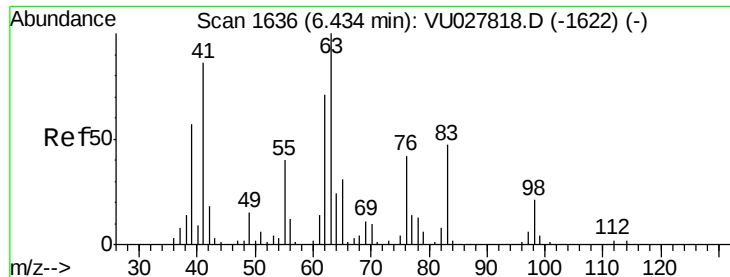
Ion 98.00 (97.70 to 98.70): VU027818.D (-1617) (-)

6.33

6.30 6.35 6.40

Time-->

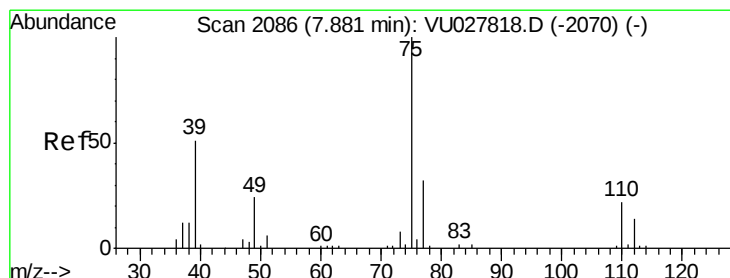
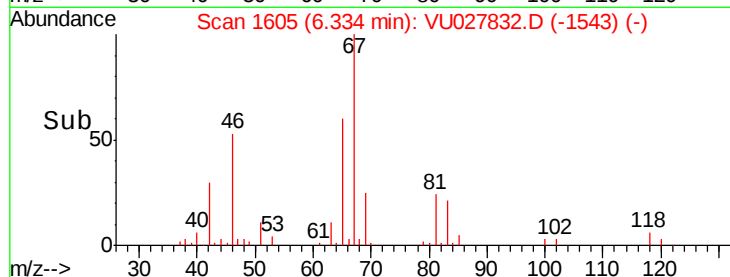
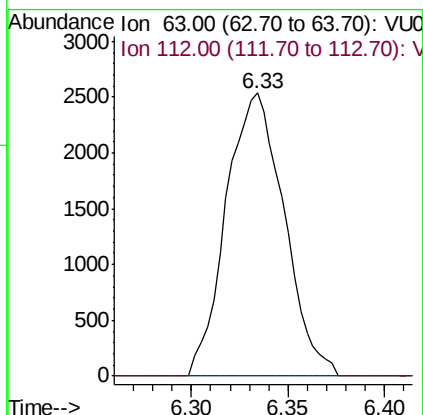
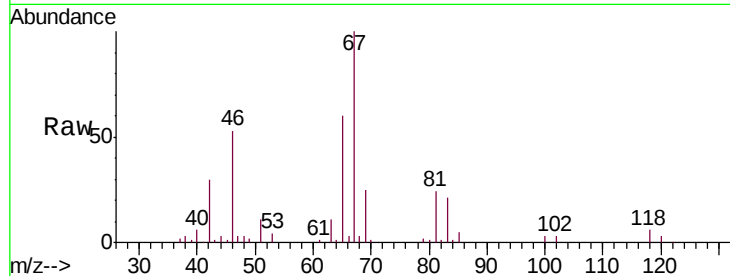




#37
 1,2-Dichloropropane
 Concen: 5.874 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027832.D
 Acq: 26 Oct 2018 14:42

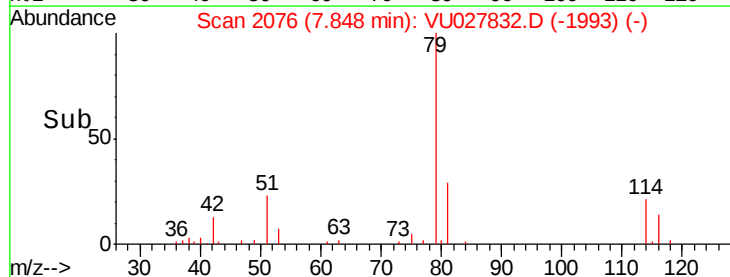
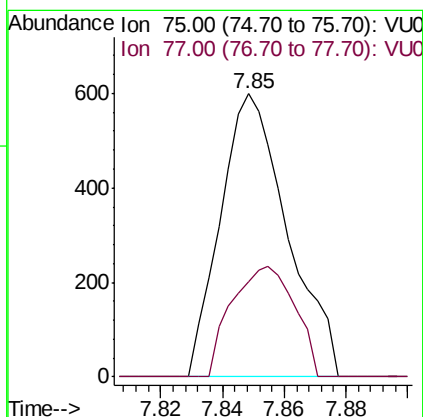
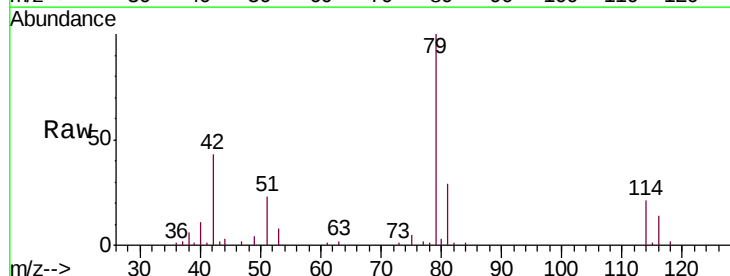
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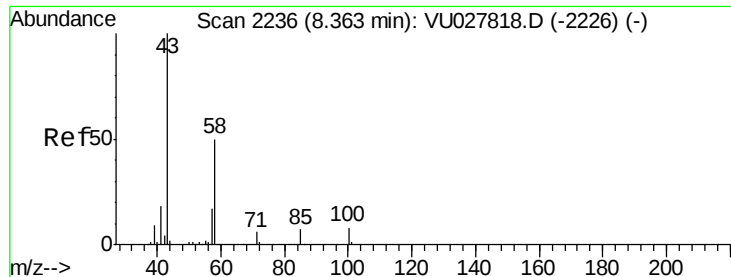
Tgt Ion: 63 Resp: 5289
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.686 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU027832.D
 Acq: 26 Oct 2018 14:42

Tgt Ion: 75 Resp: 900
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.8 42.4

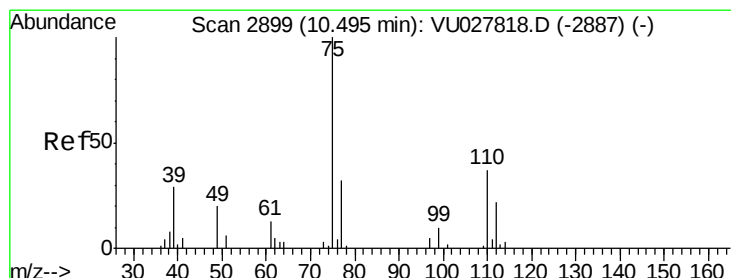
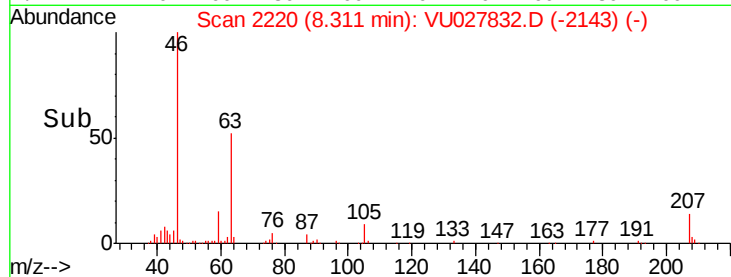
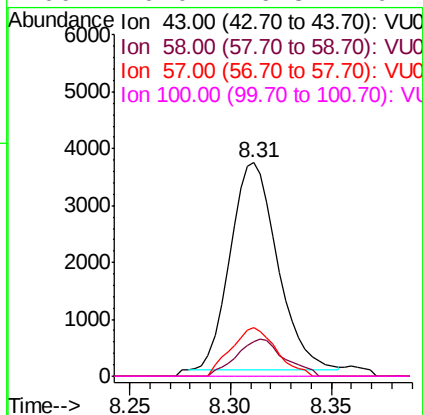
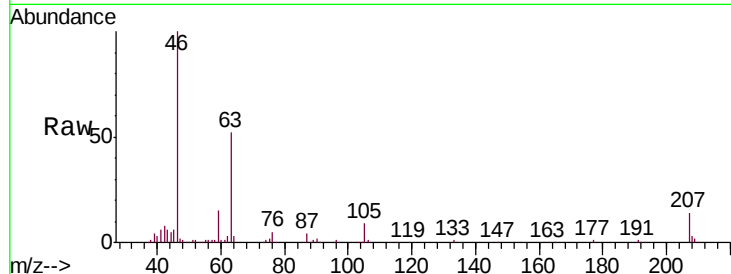




#48
 2-Hexanone
 Concen: 5.313 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU027832.D
 Acq: 26 Oct 2018 14:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBQ7

Tgt Ion:	43	Resp:	5962
Ion	Ratio	Lower	Upper
43	100		
58	18.2	38.8	58.2#
57	22.4	13.1	19.7#
100	0.0	6.8	10.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.437 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU027832.D
 Acq: 26 Oct 2018 14:42

Tgt Ion:	75	Resp:	5785
Ion	Ratio	Lower	Upper
75	100		
77	39.7	26.5	39.7

