

Data File : VU026539.D
Acq On : 05 Sep 2018 12:35
Operator : MD/SY
Sample : J4694-05 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE23

Quant Time: Sep 06 04:39:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161761	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63970	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44857	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.52%
7) Chloroethane-d5	1.68	69	40983	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	2.27	63	65969	29.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.46%#
21) 2-Butanone-d5	4.18	46	75544	97.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	4.65	84	85627	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.31	65	58300	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.34	84	166299	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
36) 1,2-Dichloropropane-d6	6.33	67	59318	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.54%
41) Toluene-d8	7.57	98	146544	42.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.74%
43) trans-1,3-Dichloropropene-	7.85	79	24475	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.31	63	53779	96.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81198	45.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	58705	50.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.16%

Target Compounds

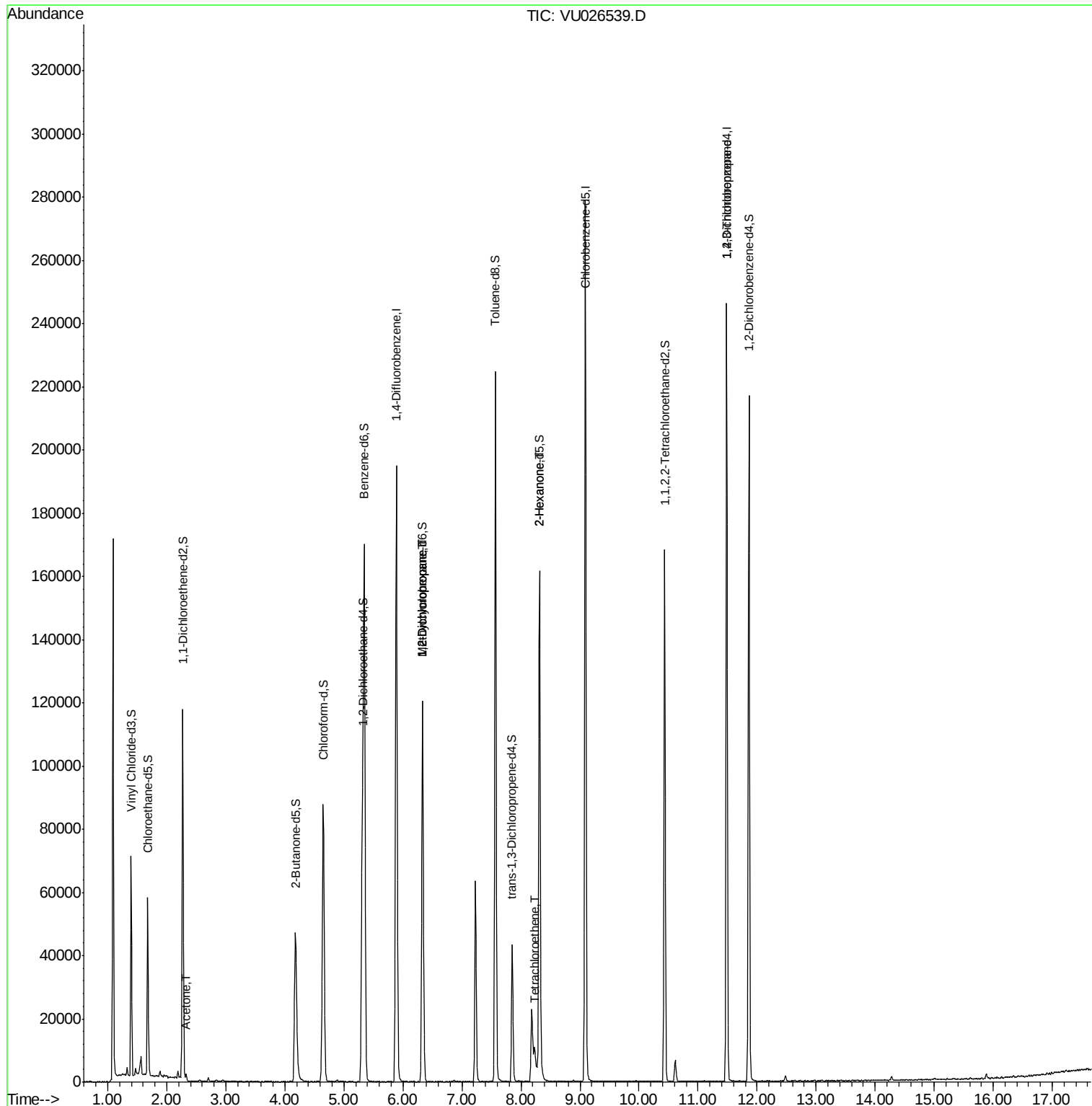
					Qvalue
13) Acetone	2.32	43	1632	2.423 ug/L	91
35) Methylcyclohexane	6.34	83	13104	7.597 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	6084	4.990 ug/L #	88
46) Tetrachloroethene	8.23	164	1118	1.238 ug/L	88
48) 2-Hexanone	8.31	43	6569	5.072 ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	7369	4.844 ug/L #	86

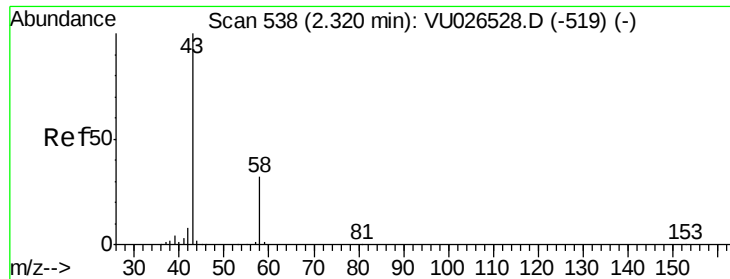
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.423 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026539.D

Acq: 05 Sep 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

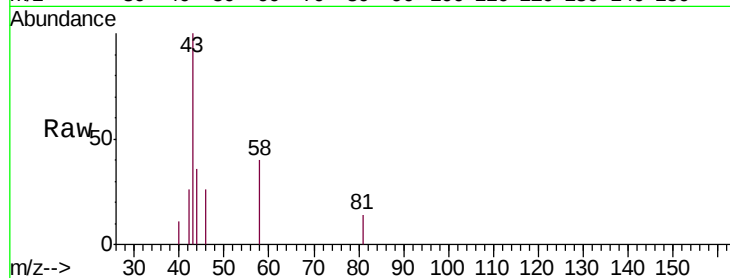
BEE23

Tgt Ion: 43 Resp: 1632

Ion Ratio Lower Upper

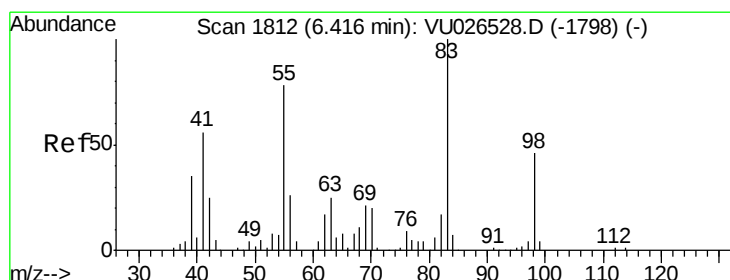
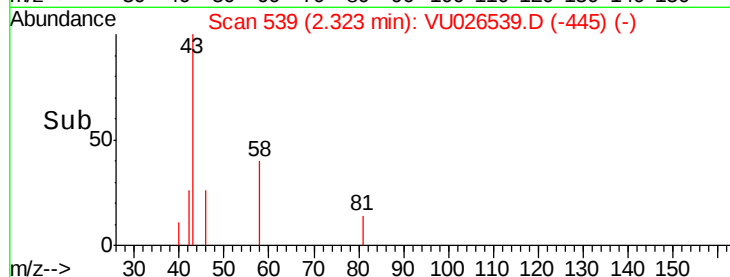
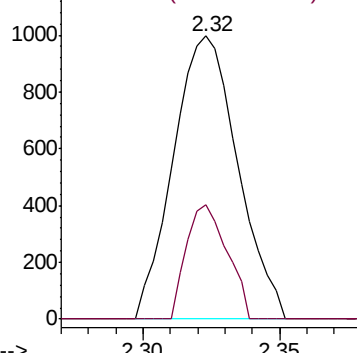
43 100

58 25.5 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: 7.597 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026539.D

Acq: 05 Sep 2018 12:35

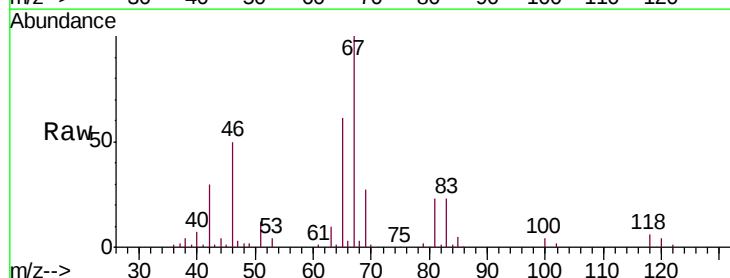
Tgt Ion: 83 Resp: 13104

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

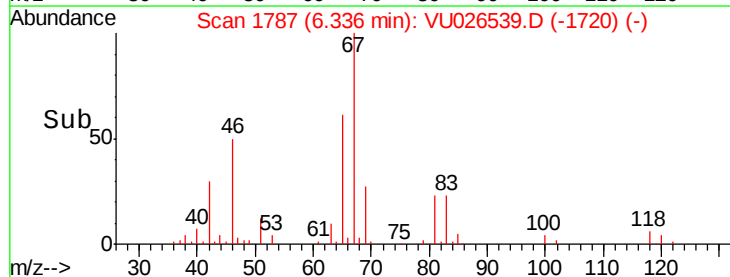
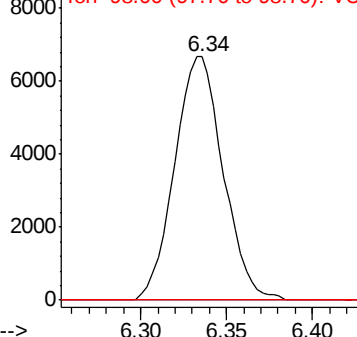
98 0.0 36.7 55.1#

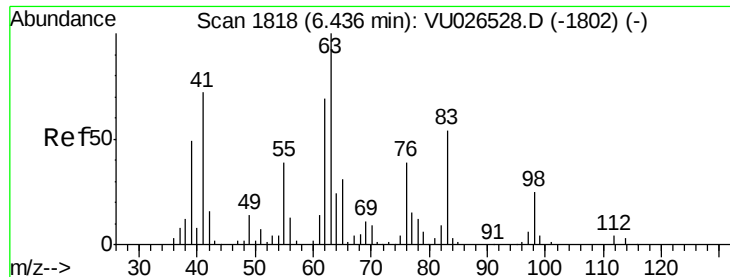


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

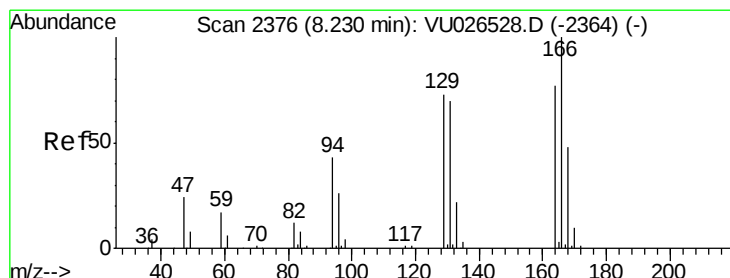
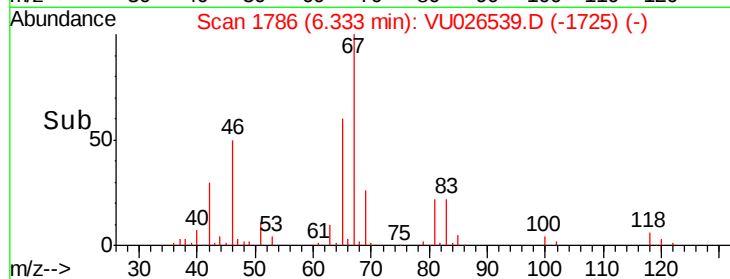
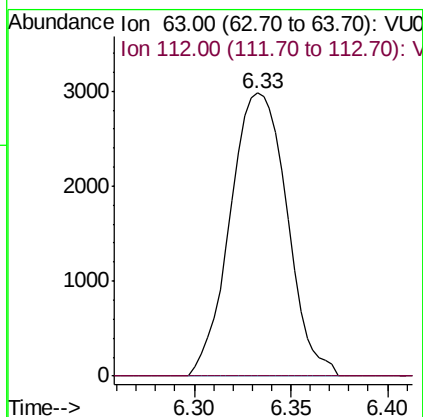
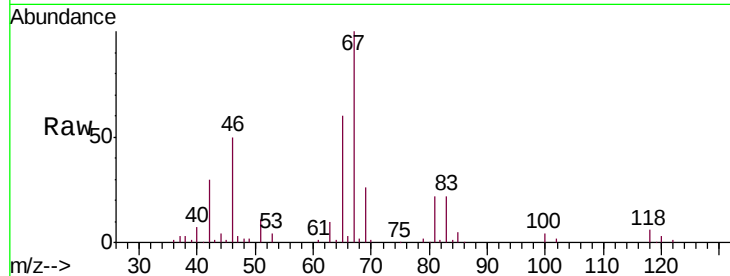




#37
 1,2-Dichloropropane
 Concen: 4.990 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026539.D
 Acq: 05 Sep 2018 12:35

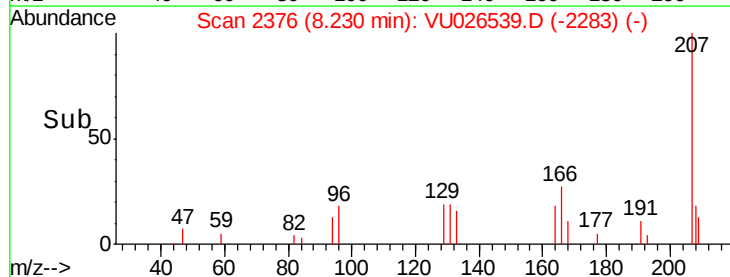
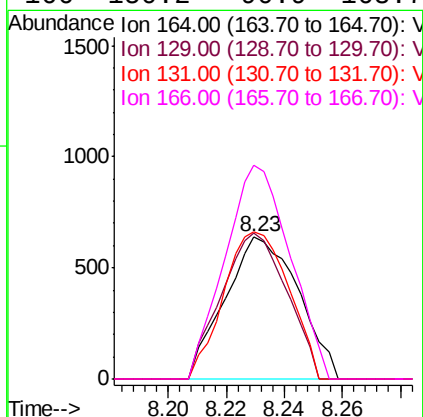
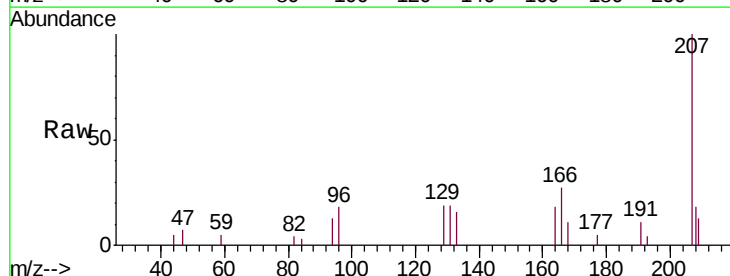
Instrument :
 MSVOA_U
 ClientSampled :
 BEE23

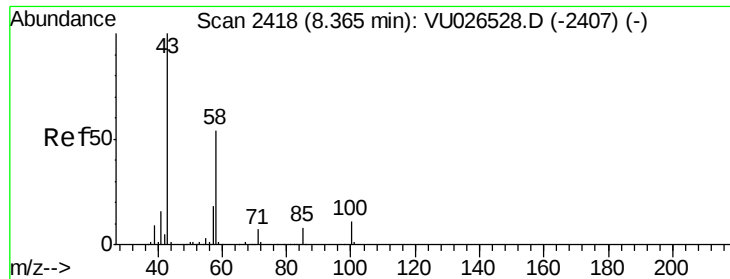
Tgt Ion: 63 Resp: 6084
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 1.238 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU026539.D
 Acq: 05 Sep 2018 12:35

Tgt Ion: 164 Resp: 1118
 Ion Ratio Lower Upper
 164 100
 129 102.2 67.3 125.1
 131 103.6 65.3 121.3
 166 150.2 90.9 168.7

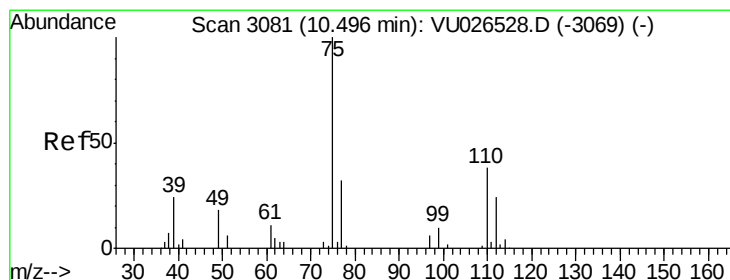
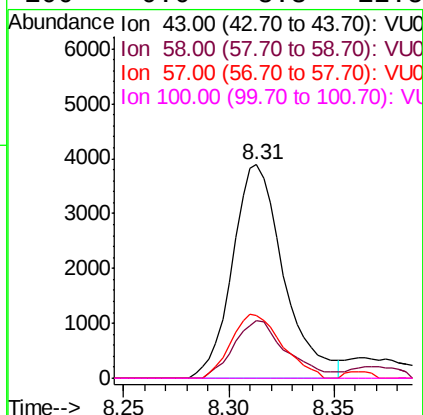
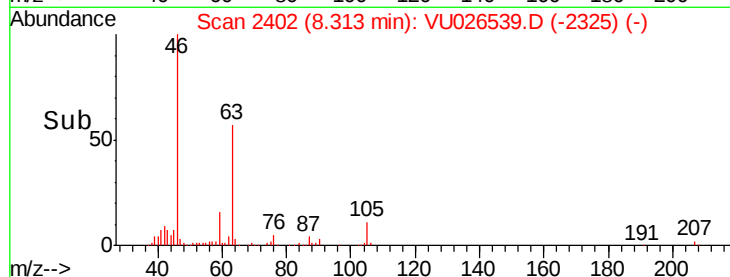
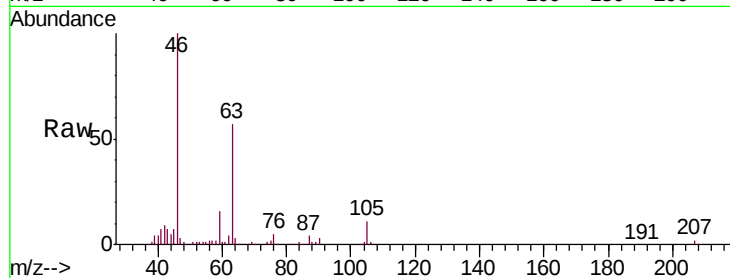




#48
 2-Hexanone
 Concen: 5.072 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026539.D
 Acq: 05 Sep 2018 12:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE23

Tgt Ion: 43 Resp: 6569
 Ion Ratio Lower Upper
 43 100
 58 27.6 42.2 63.4#
 57 29.7 14.6 21.8#
 100 0.0 8.3 12.5#



#59
 1,2,3-Trichloropropane
 Concen: 4.844 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026539.D
 Acq: 05 Sep 2018 12:35

Tgt Ion: 75 Resp: 7369
 Ion Ratio Lower Upper
 75 100
 77 38.9 25.0 37.6#

