

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030992.D
 Acq On : 10 Apr 2019 06:21
 Operator : JC/SP
 Sample : K2290-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZH5

Quant Time: Apr 10 08:31:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 08:26:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76197	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64520	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.68	69	62451	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.27	63	96495	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.19	46	261493	70.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.94%#
24) Chloroform-d	4.64	84	120221	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	80765	6.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.60%
32) Benzene-d6	5.33	84	238636	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.33	67	85646	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.56	98	182683	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.85	79	27834	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	159046	56.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81243	6.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	71293	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

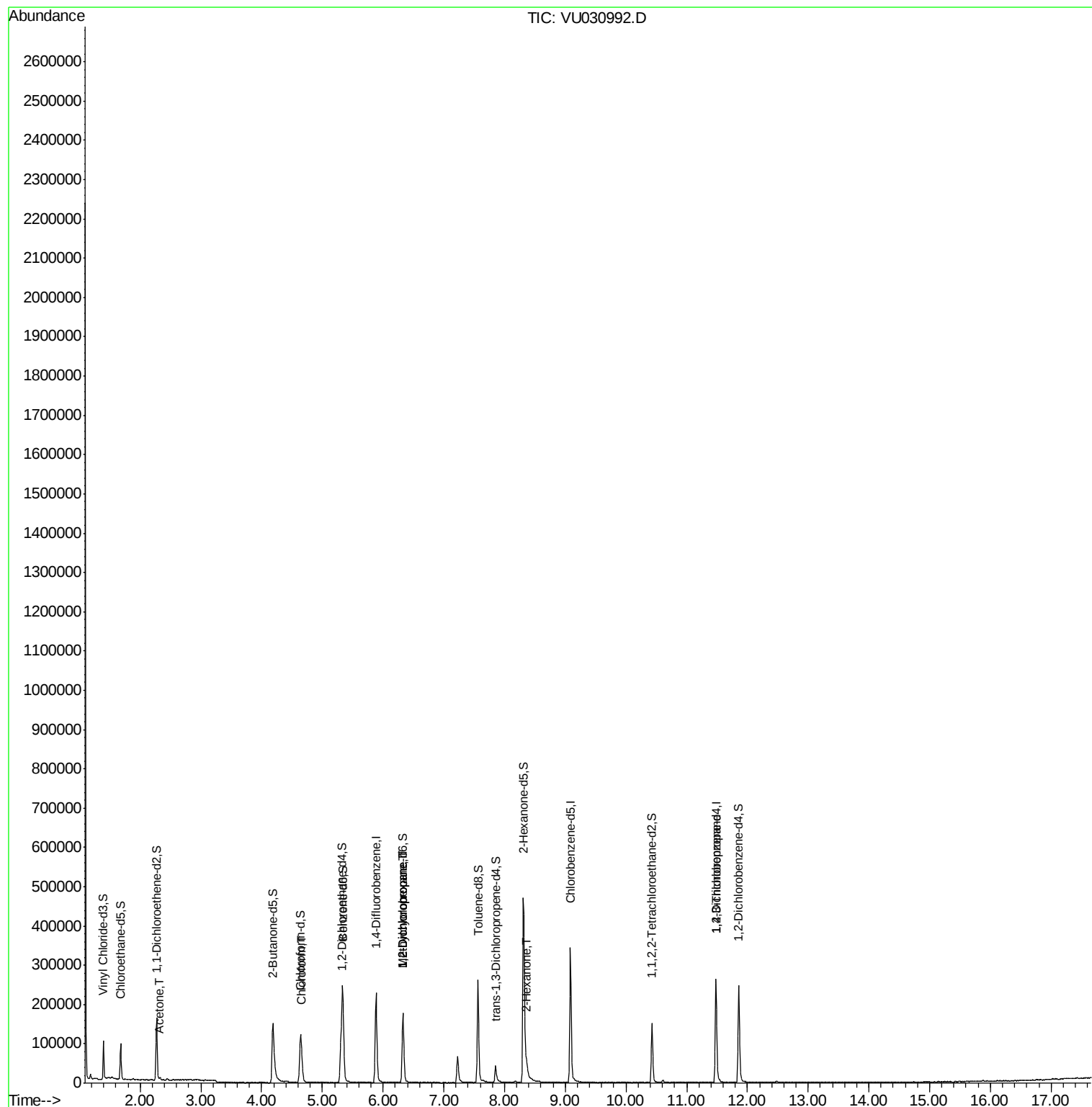
					Ovalue
13) Acetone	2.32	43	5022	1.763	ug/L 72
25) Chloroform	4.67	83	18387	0.662	ug/L 88
35) Methylcyclohexane	6.33	83	20315	0.767	ug/L # 13
37) 1,2-Dichloropropane	6.32	63	9829	0.539	ug/L # 91
48) 2-Hexanone	8.37	43	19870	2.520	ug/L # 82
59) 1,2,3-Trichloropropane	11.48	75	9385	0.921	ug/L 93

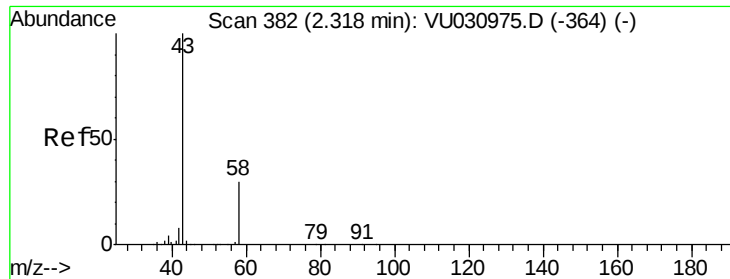
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.763 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030992.D

Acq: 10 Apr 2019 06:21

Instrument :

MSVOA_U

ClientSampleId :

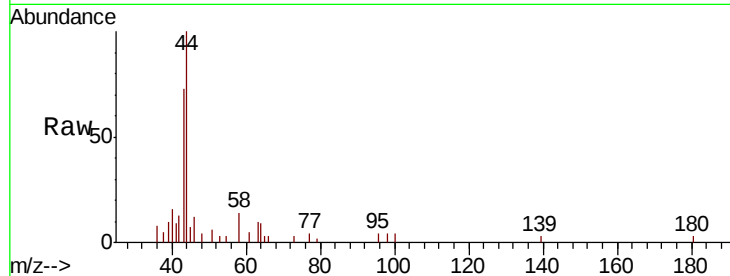
BEZH5

Tot Ion: 43 Resp: 5022

Ion Ratio Lower Upper

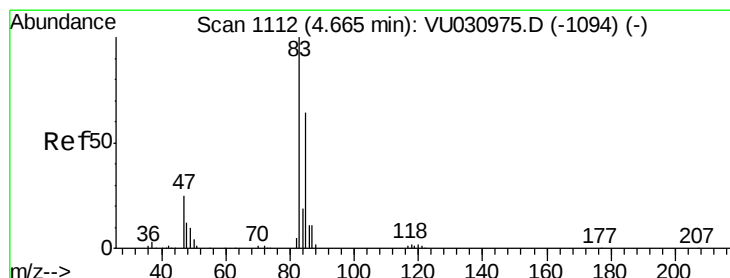
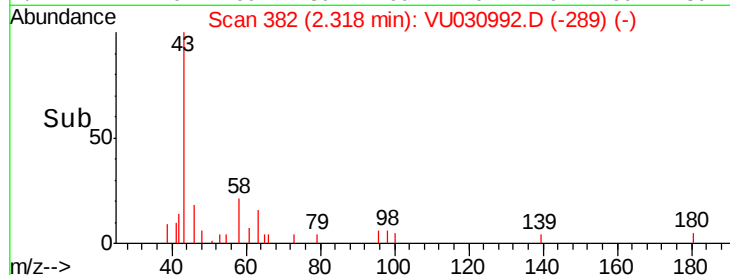
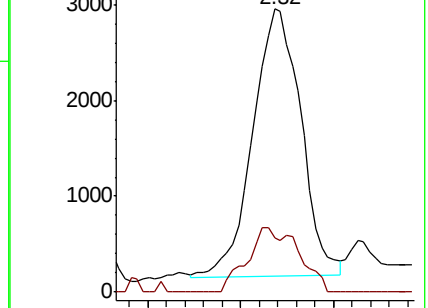
43 100

58 16.2 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030975.D (-364) (-)

Ion 58.05 (57.75 to 58.75): VU030975.D (-364) (-)



#25

Chloroform

Concen: 0.662 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030992.D

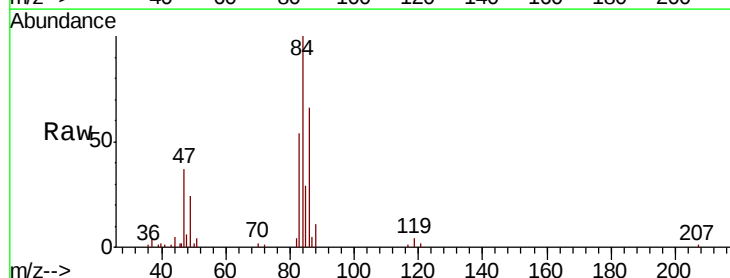
Acq: 10 Apr 2019 06:21

Tgt Ion: 83 Resp: 18387

Ion Ratio Lower Upper

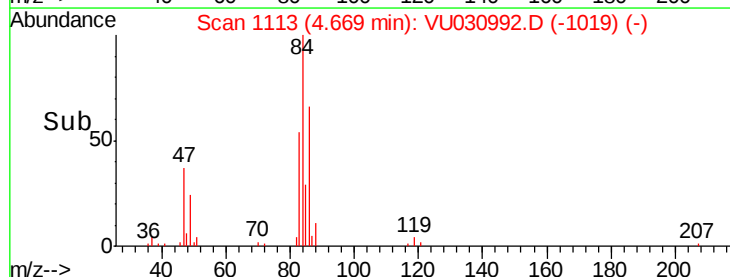
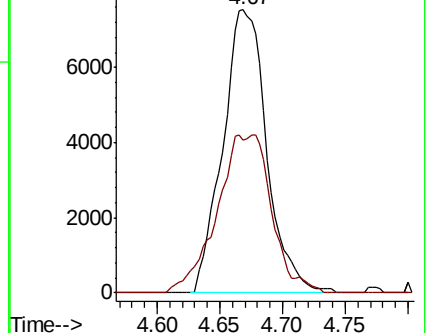
83 100

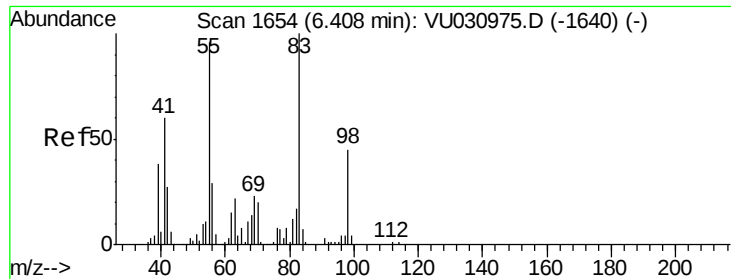
85 53.9 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030975.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030975.D (-1094) (-)

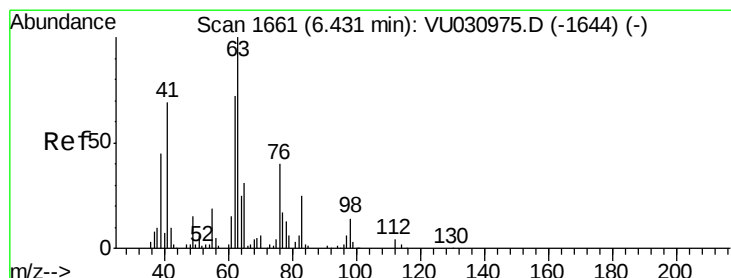
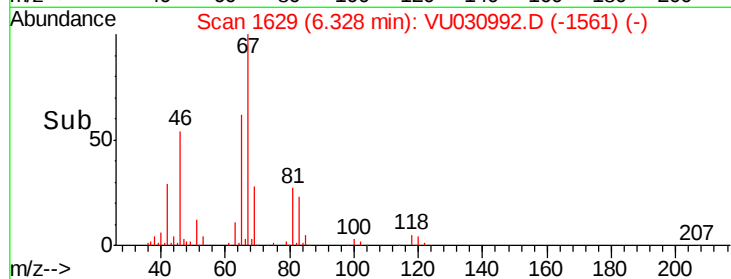
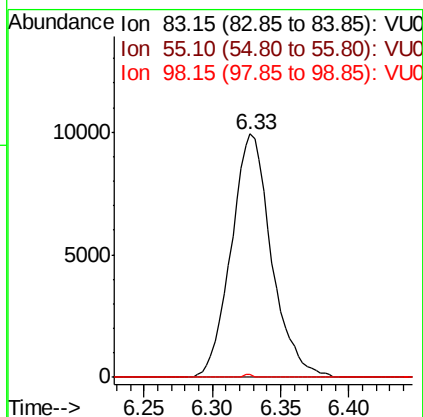
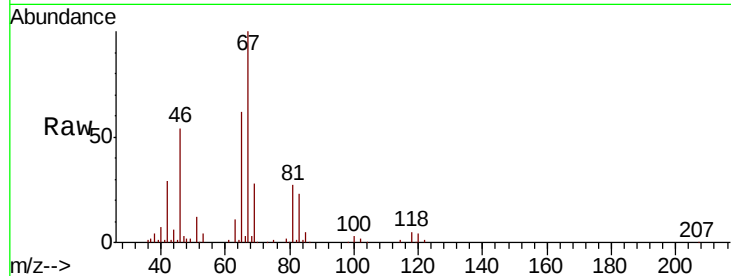




#35
Methvlcvclohexane
Concen: 0.767 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030992.D
Acq: 10 Apr 2019 06:21

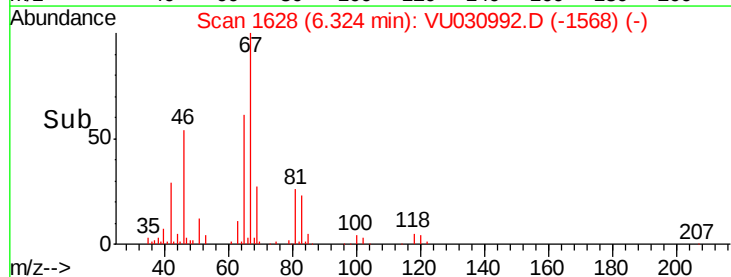
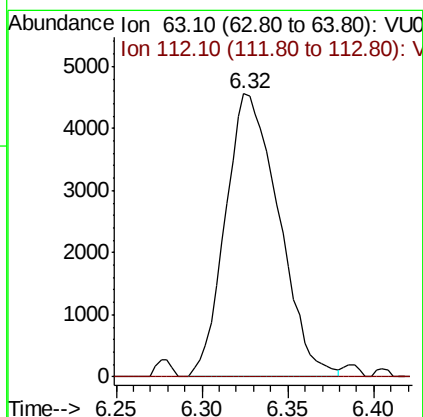
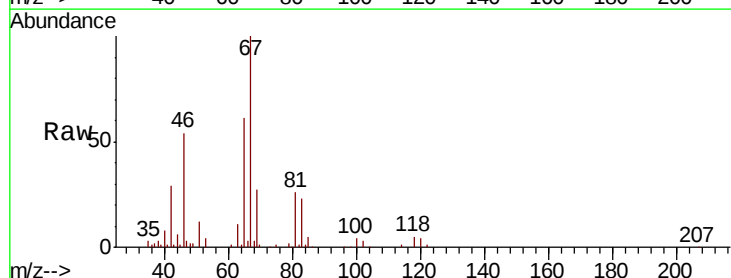
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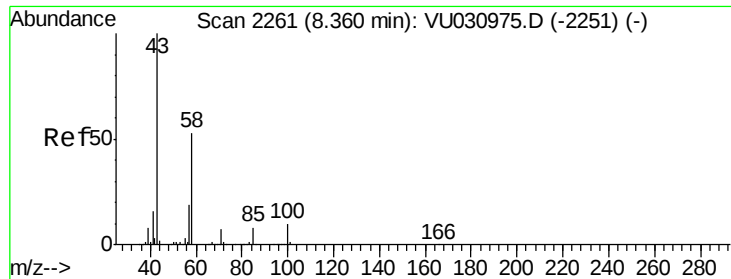
Tot Ion: 83 Resp: 20315
Ion Ratio Lower Upper
83 100
55 0.0 72.6 108.8#
98 0.2 35.0 52.6#



#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU030992.D
Acq: 10 Apr 2019 06:21

Tgt Ion: 63 Resp: 9829
Ion Ratio Lower Upper
63 100
112 0.5 2.8 4.2#

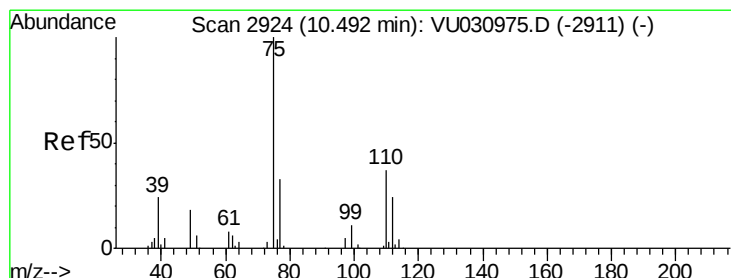
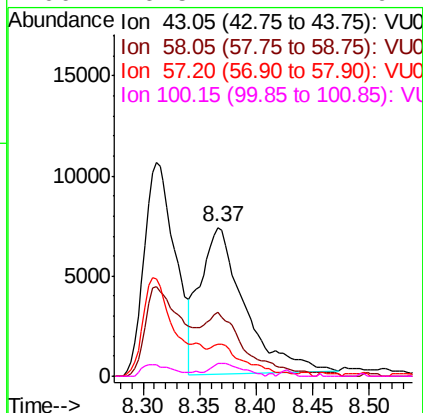
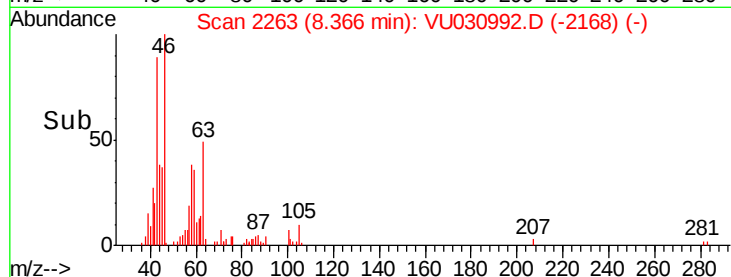
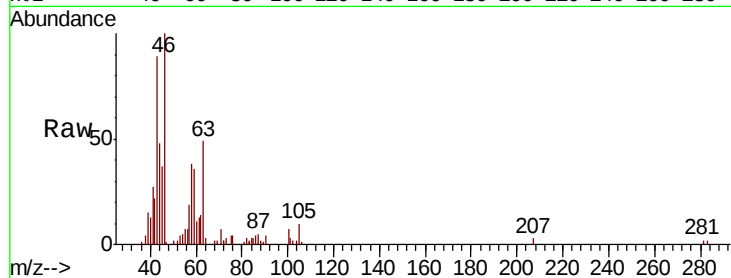




#48
2-Hexanone
Concen: 2.520 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030992.D
Acq: 10 Apr 2019 06:21

Instrument :
MSVOA_U
ClientSampleId :
BEZH5

Tot Ion: 43 Resp: 19870
Ion Ratio Lower Upper
43 100
58 35.6 42.5 63.7#
57 15.2 13.9 20.9
100 6.5 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030992.D
Acq: 10 Apr 2019 06:21

Tgt Ion: 75 Resp: 9385
Ion Ratio Lower Upper
75 100
77 35.7 25.6 38.4

