

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030919.D
 Acq On : 08 Apr 2019 20:56
 Operator : JC/SP
 Sample : K2284-11RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEZA9

Quant Time: Apr 09 01:17:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 01:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	253875	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	259157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102814	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.68	69	89694	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.27	63	154759	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.19	46	328377	65.69	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.38%#
24) Chloroform-d	4.64	84	160864	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.31	65	106984	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.60%
32) Benzene-d6	5.33	84	356644	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.33	67	123708	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.56	98	278289	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	42785	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.31	63	218372	59.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98921	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	102077	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

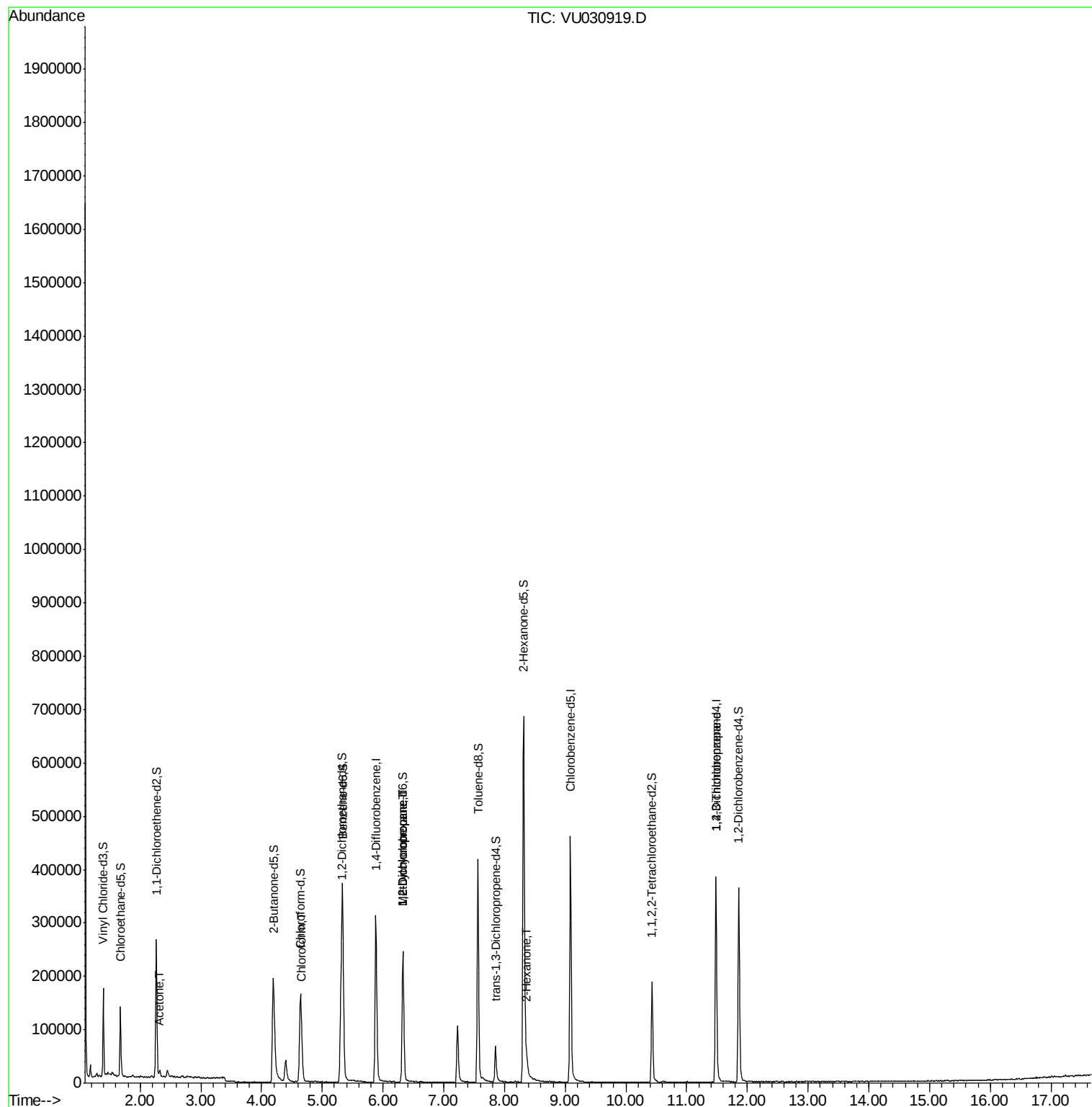
					Ovalue
13) Acetone	2.32	43	11170	2.890	ug/L 93
25) Chloroform	4.67	83	25208	0.668	ug/L 98
35) Methylcyclohexane	6.33	83	26809	0.765	ug/L # 14
37) 1,2-Dichloropropane	6.32	63	12771	0.529	ug/L # 90
48) 2-Hexanone	8.37	43	14716	1.411	ug/L # 84
59) 1,2,3-Trichloropropane	11.48	75	13608	1.009	ug/L 92

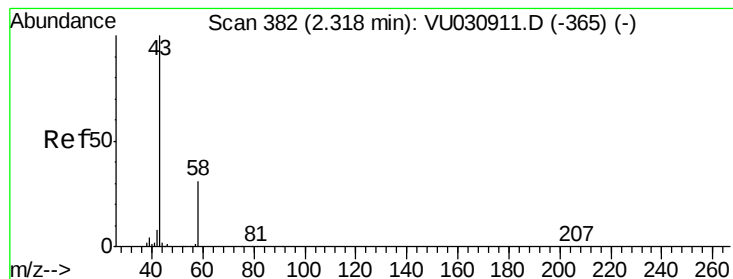
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.890 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

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Acq: 08 Apr 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

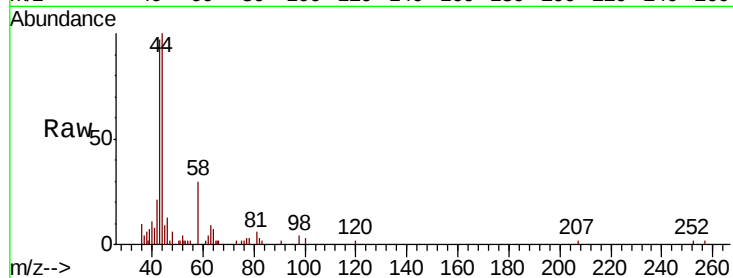
BEZA9

Tot Ion: 43 Resp: 11170

Ion Ratio Lower Upper

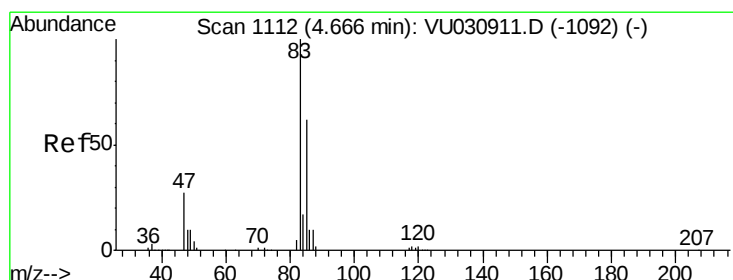
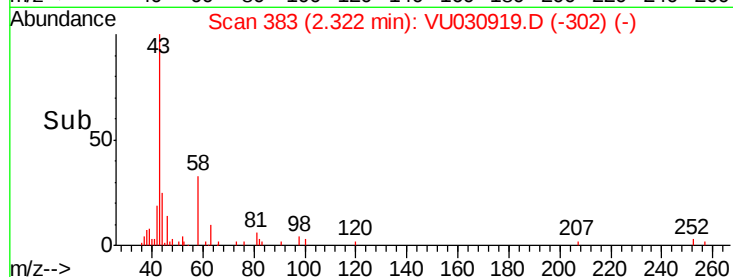
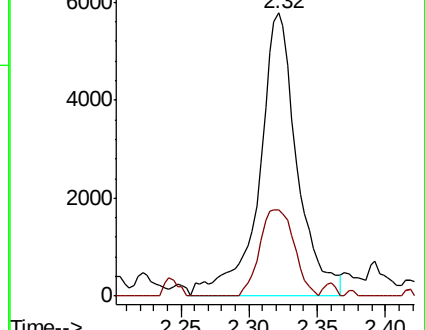
43 100

58 27.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030919.D (-365) (-)

Ion 58.05 (57.75 to 58.75): VU030919.D (-365) (-)



#25

Chloroform

Concen: 0.668 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU030919.D

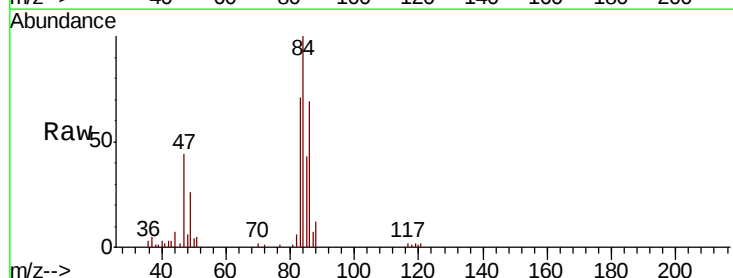
Acq: 08 Apr 2019 20:56

Tgt Ion: 83 Resp: 25208

Ion Ratio Lower Upper

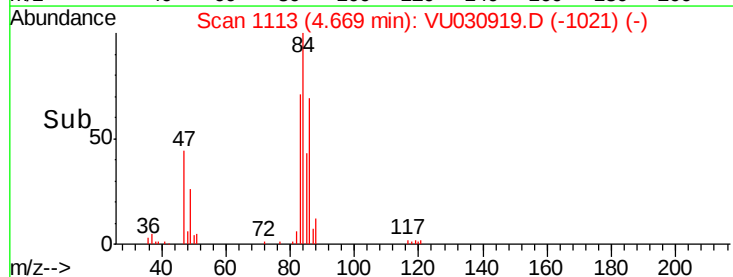
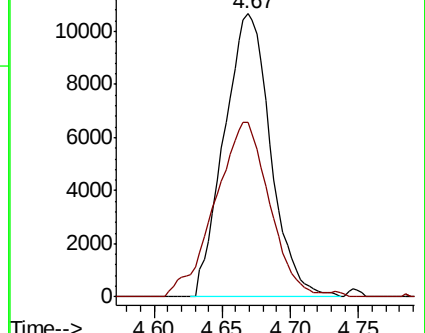
83 100

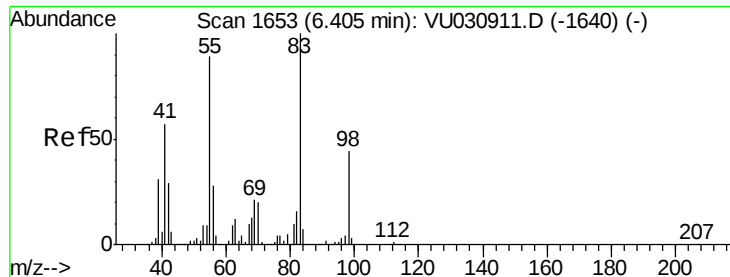
85 61.5 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030919.D (-1092) (-)

Ion 85.00 (84.70 to 85.70): VU030919.D (-1092) (-)





#35

Methvlcvclohexane

Concen: 0.765 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU030919.D

Acq: 08 Apr 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

BEZA9

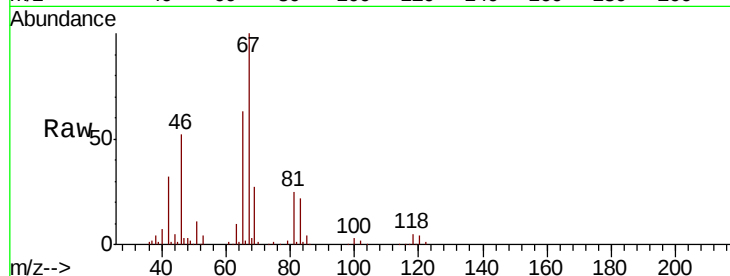
Tot Ion: 83 Resp: 26809

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

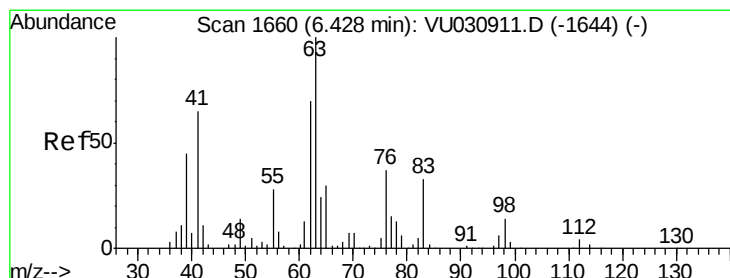
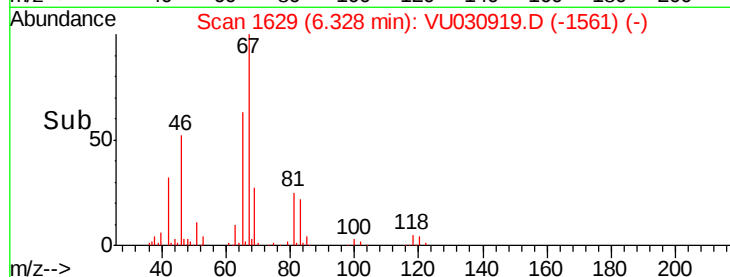
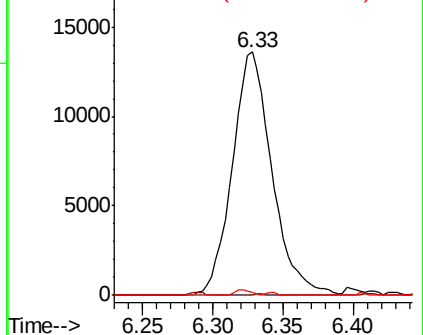
98 1.0 35.0 52.6#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU030919.D

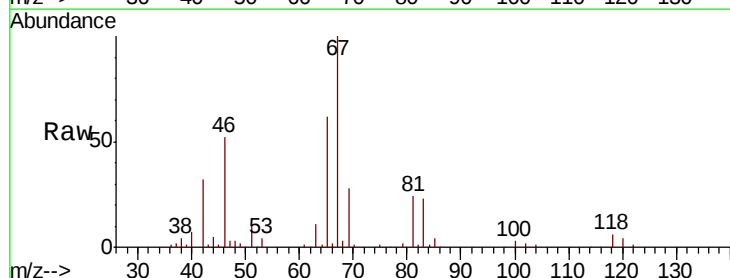
Acq: 08 Apr 2019 20:56

Tgt Ion: 63 Resp: 12771

Ion Ratio Lower Upper

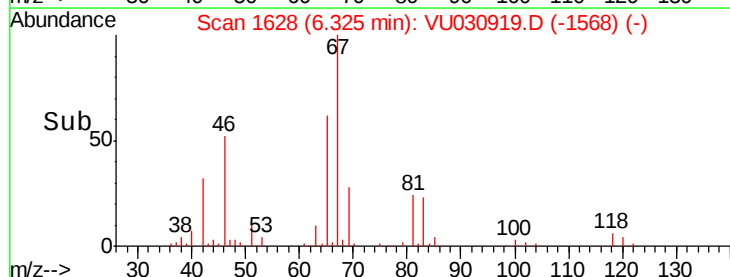
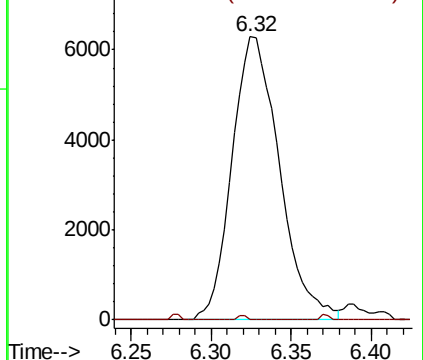
63 100

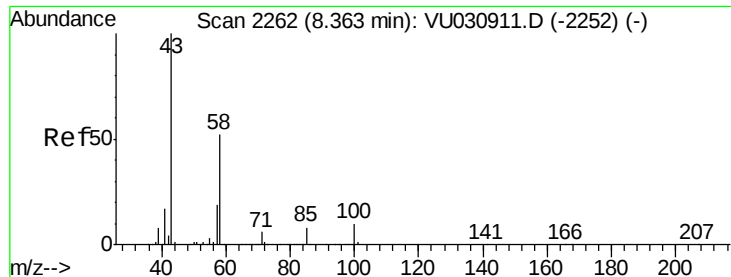
112 0.3 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

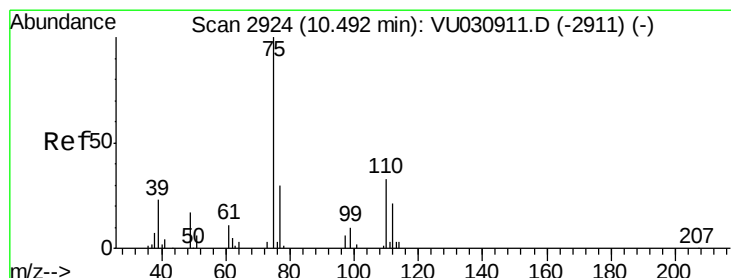
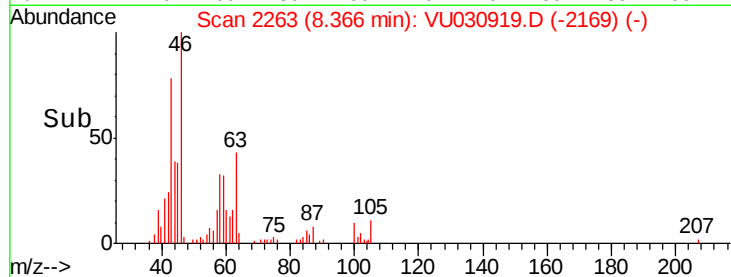
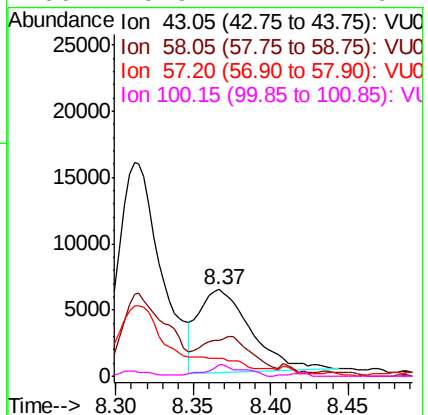
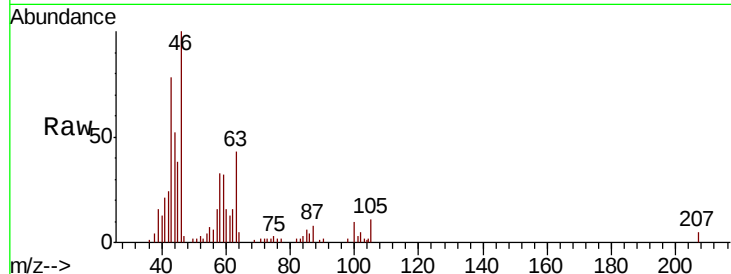




#48
2-Hexanone
Concen: 1.411 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU030919.D
Acq: 08 Apr 2019 20:56

Instrument :
MSVOA_U
ClientSampleId :
BEZA9

Tot Ion: 43 Resp: 14716
Ion Ratio Lower Upper
43 100
58 45.3 42.5 63.7
57 0.0 13.9 20.9#
100 9.9 7.1 10.7



#59
1,2,3-Trichloropropane
Concen: 1.009 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030919.D
Acq: 08 Apr 2019 20:56

Tgt Ion: 75 Resp: 13608
Ion Ratio Lower Upper
75 100
77 36.3 25.6 38.4

