

Data File : VU034981.D
Acq On : 08 Oct 2019 09:25
Operator : JC/SP
Sample : VU1008WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB15

Quant Time: Oct 09 07:18:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	176109	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	176788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	74517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45896	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.67	69	44472	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.26	63	71648	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.19	46	175856	57.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.72%
24) Chloroform-d	4.62	84	98997	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.29	65	56704	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.32	84	194360	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.31	67	68876	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.54	98	178434	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.84	79	21409	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.30	63	129918	54.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59542	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	66030	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

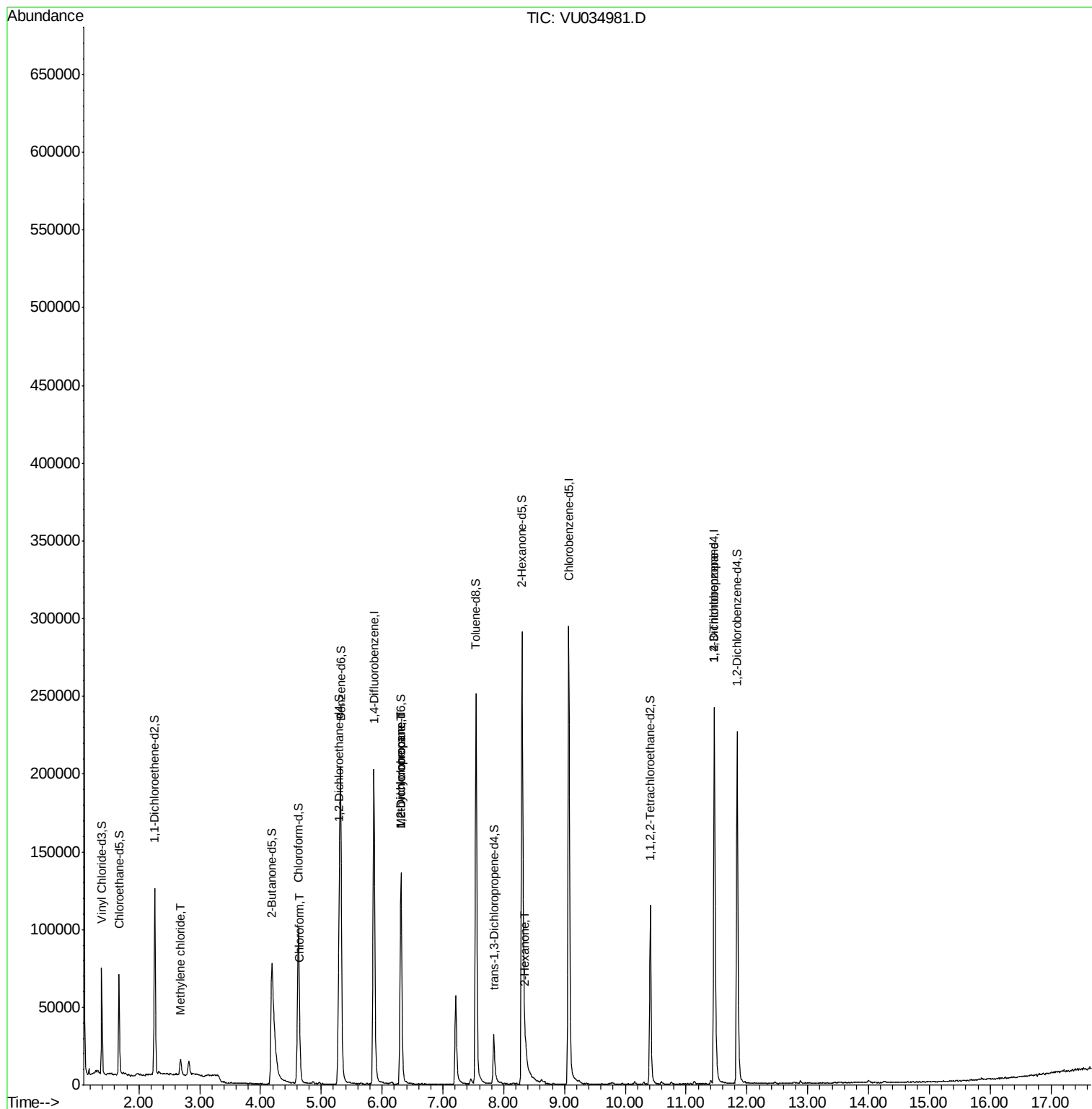
					Qvalue
16) Methylene chloride	2.68	84	3696	0.264 ug/L	88
25) Chloroform	4.65	83	4514	0.167 ug/L	98
35) Methylcyclohexane	6.31	83	15761	0.709 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7594	0.529 ug/L #	88
48) 2-Hexanone	8.36	43	6339	1.023 ug/L #	90
59) 1,2,3-Trichloropropane	11.46	75	10113	1.088 ug/L	98

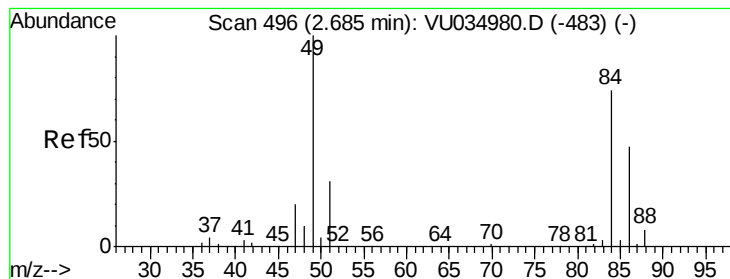
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 07:15:09 2019
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#16

Methylene chloride

Concen: 0.264 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BFB15

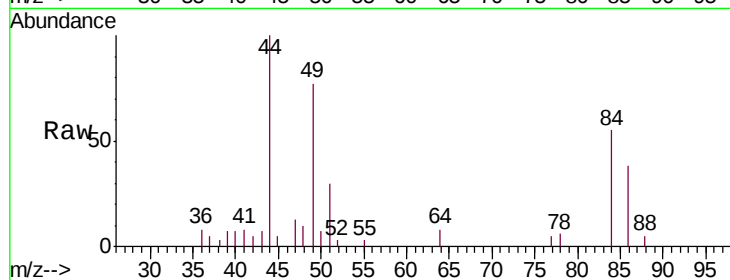
Tgt Ion: 84 Resp: 3696

Ion Ratio Lower Upper

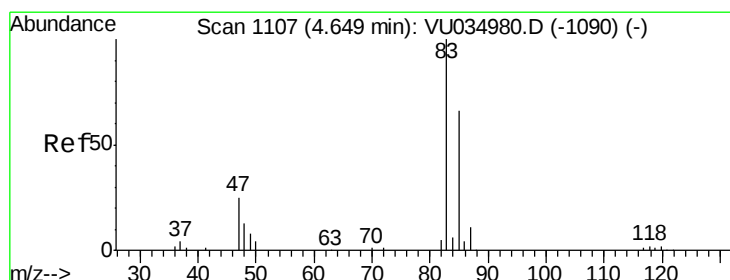
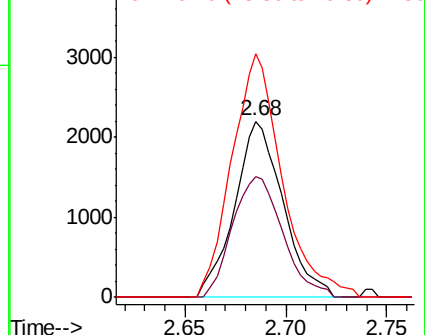
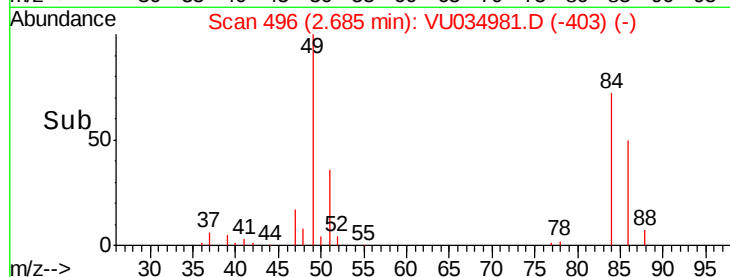
84 100

86 68.6 42.5 78.9

49 138.0 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU034981.D (-403) (-)



#25

Chloroform

Concen: 0.167 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU034981.D

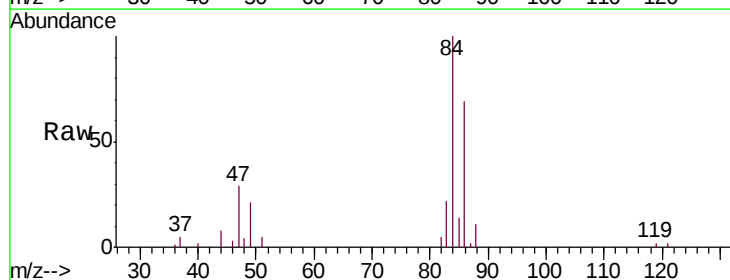
Acq: 08 Oct 2019 09:25

Tgt Ion: 83 Resp: 4514

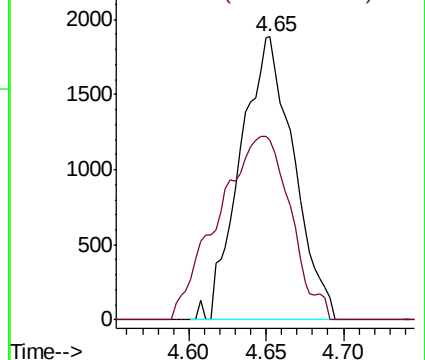
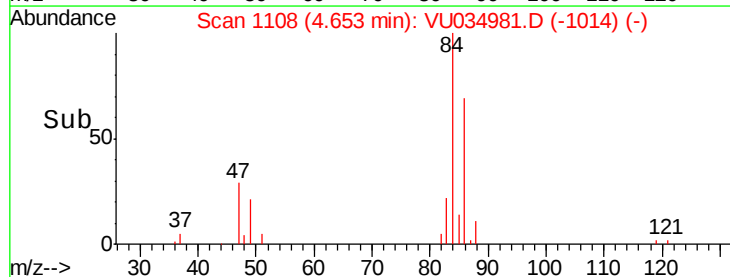
Ion Ratio Lower Upper

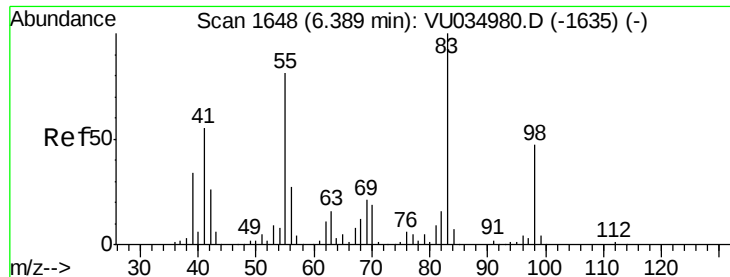
83 100

85 63.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU034981.D (-1014) (-)

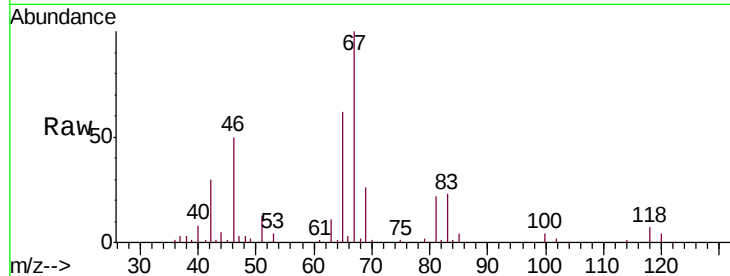




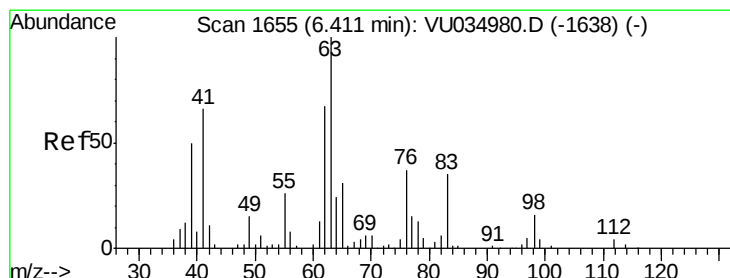
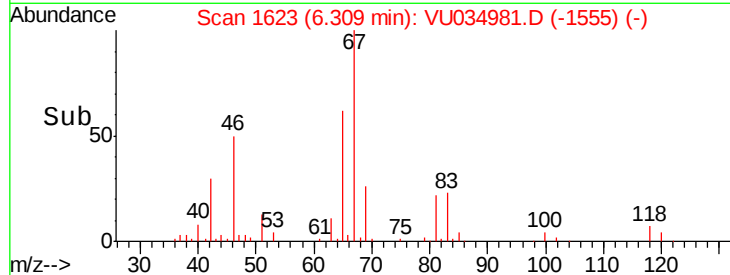
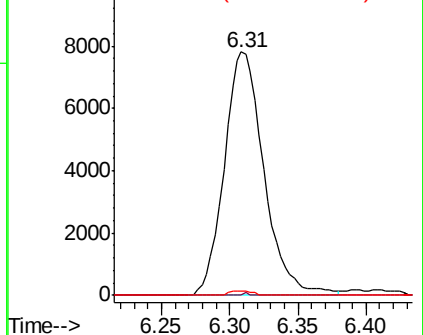
#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034981.D
Acq: 08 Oct 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
BFB15

Tgt Ion: 83 Resp: 15761
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 1.0 36.2 54.2#

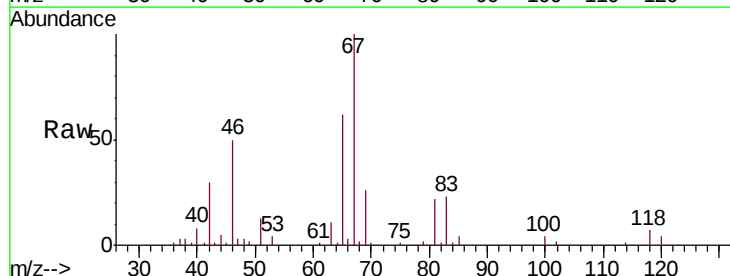


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

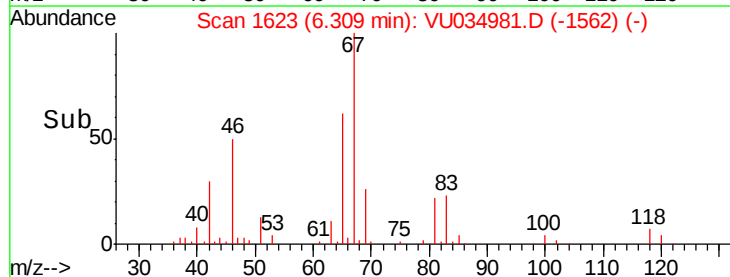
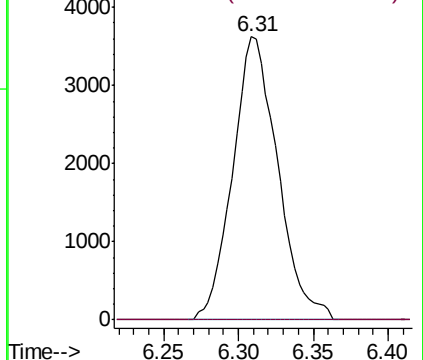


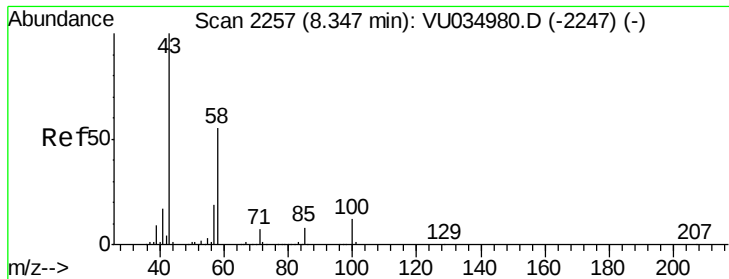
#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034981.D
Acq: 08 Oct 2019 09:25

Tgt Ion: 63 Resp: 7594
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

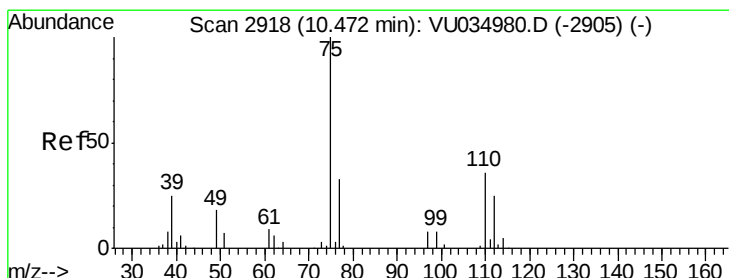
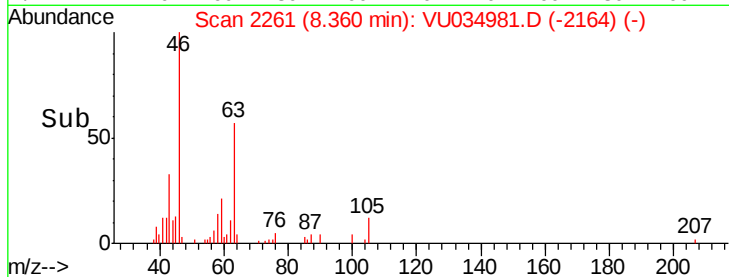
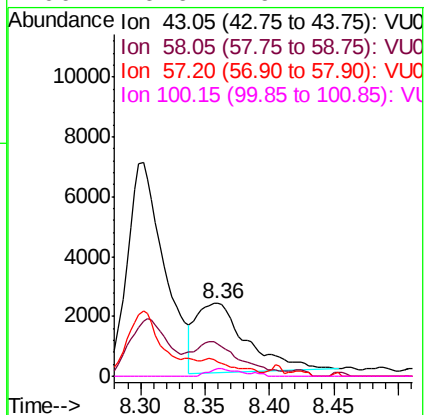
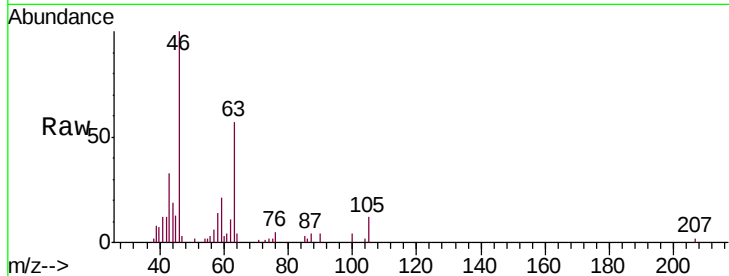




#48
 2-Hexanone
 Concen: 1.023 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.01 min
 Lab File: VU034981.D
 Acq: 08 Oct 2019 09:25

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 MSVOA_U
 ClientSampleId :
 BFB15

Tgt Ion: 43 Resp: 6339
 Ion Ratio Lower Upper
 43 100
 58 47.8 44.1 66.1
 57 15.8 15.8 23.8#
 100 6.6 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.088 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034981.D
 Acq: 08 Oct 2019 09:25

Tgt Ion: 75 Resp: 10113
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.5 39.7

