

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\
 Data File : VU035195.D
 Acq On : 15 Oct 2019 18:16
 Operator : JC/SP
 Sample : K5317-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 19:26:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 15:10:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	203903	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	210744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	72925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52735	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	51665	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.26	63	75212	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.17	46	176471	49.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	4.62	84	108102	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.29	65	68206	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.32	84	206520	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.31	67	78860	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.55	98	166922	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	7.84	79	23271	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.31	63	123458	43.66	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	69347	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	58611	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

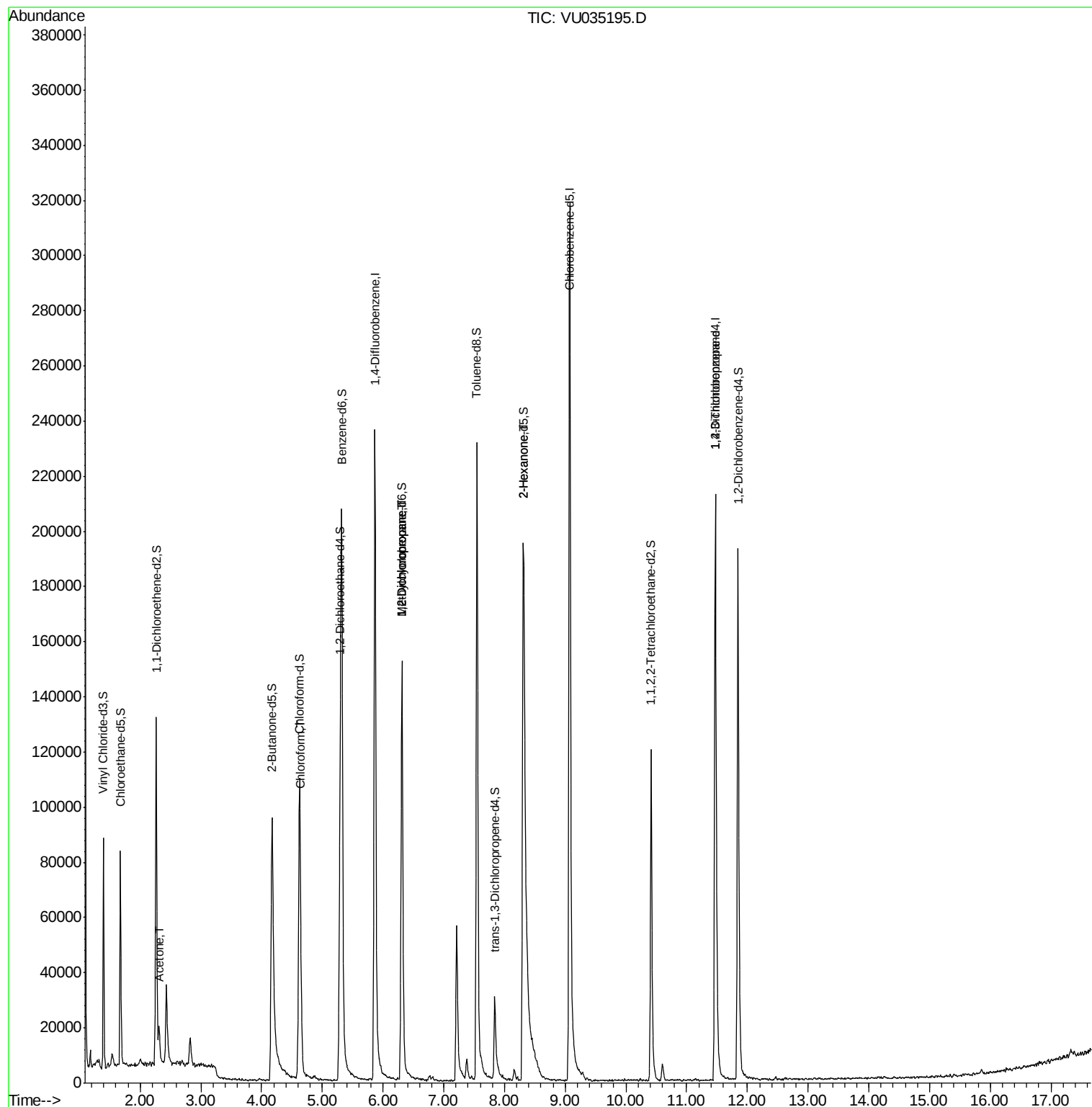
					Ovalue
13) Acetone	2.31	43	15580	5.359 ug/L	93
25) Chloroform	4.65	83	8001	0.255 ug/L	97
35) Methylcyclohexane	6.31	83	16722	0.631 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9463	0.553 ug/L #	90
48) 2-Hexanone	8.31	43	14414	1.951 ug/L #	46
59) 1,2,3-Trichloropropane	11.47	75	9829	0.887 ug/L #	88

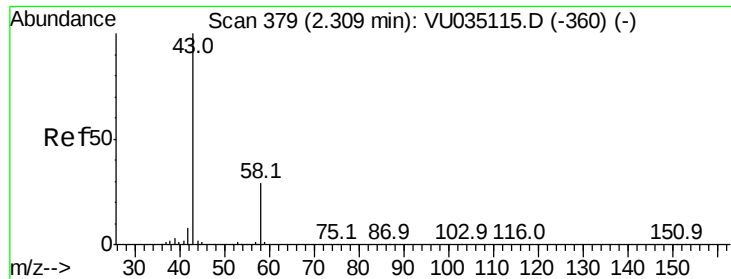
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.359 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035195.D

Acq: 15 Oct 2019 18:16

Instrument :

MSVOA_U

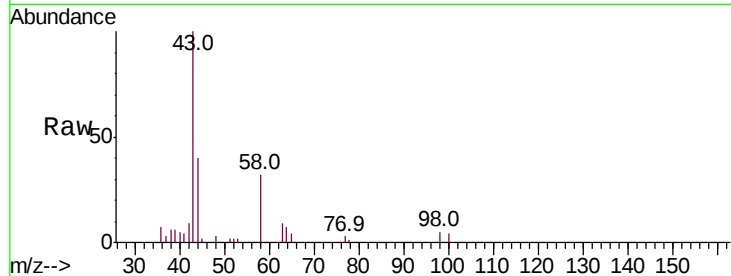
ClientSampled :

Tot Ion: 43 Resp: 15580

Ion Ratio Lower Upper

43 100

58 29.6 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035115.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU035115.D (-360) (-)

2.31

8000

6000

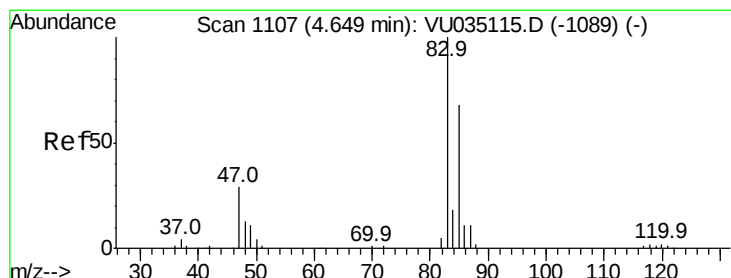
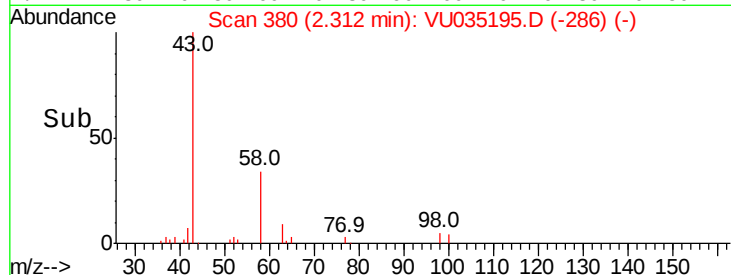
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#25

Chloroform

Concen: 0.255 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU035195.D

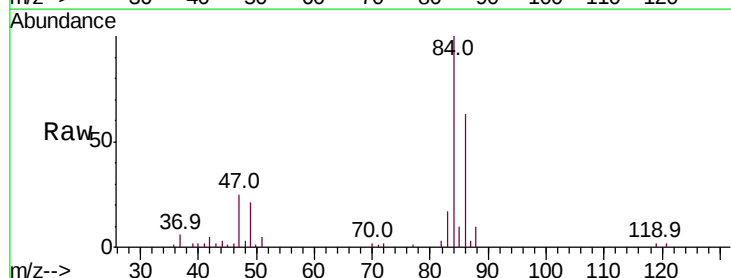
Acq: 15 Oct 2019 18:16

Tgt Ion: 83 Resp: 8001

Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035115.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU035115.D (-1089) (-)

4.65

3000

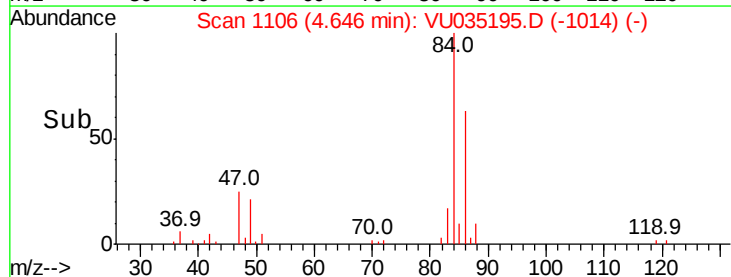
2000

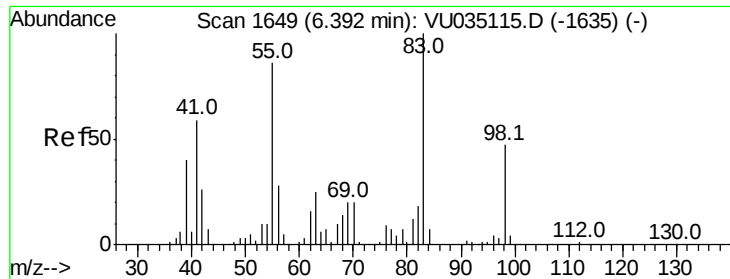
1000

0

Time-->

4.60 4.65 4.70

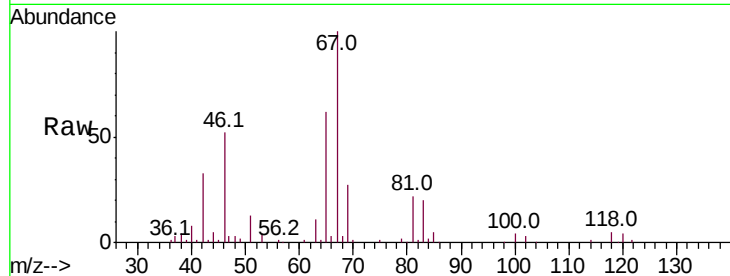




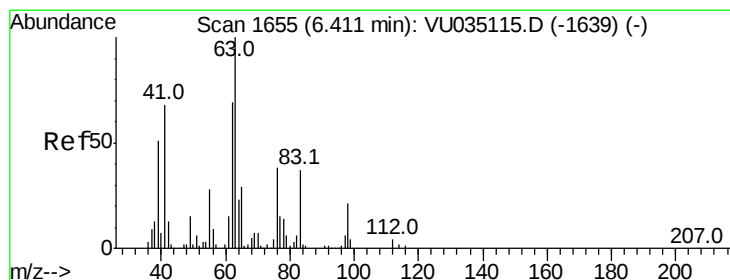
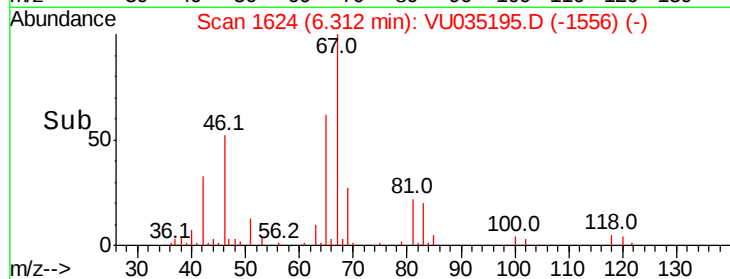
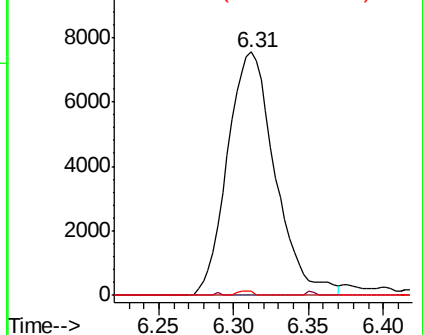
#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035195.D
Acq: 15 Oct 2019 18:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 16722
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 0.6 36.2 54.2#

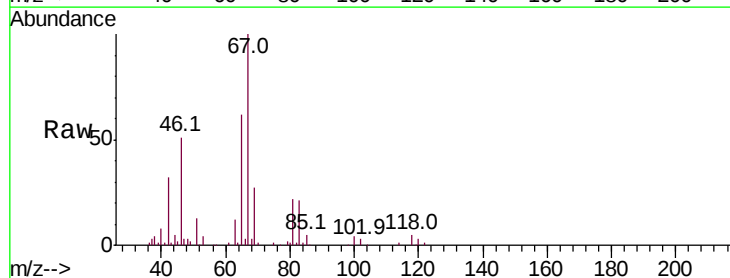


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

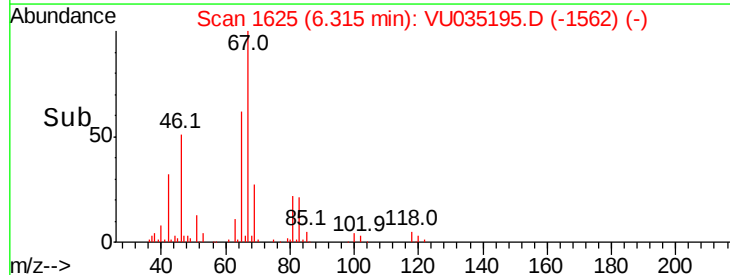
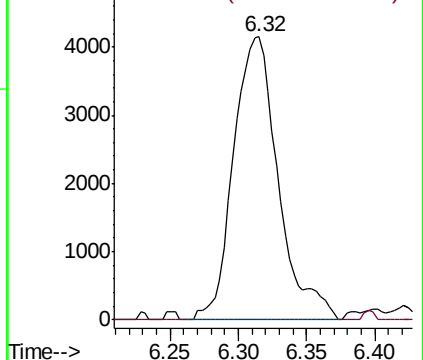


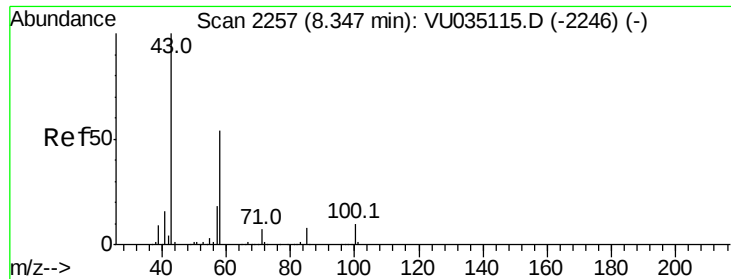
#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.32 min Scan# 1625
Delta R.T. -0.10 min
Lab File: VU035195.D
Acq: 15 Oct 2019 18:16

Tgt Ion: 63 Resp: 9463
Ion Ratio Lower Upper
63 100
112 0.7 3.1 4.7#



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

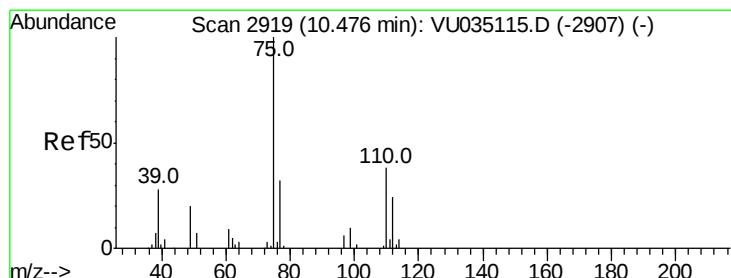
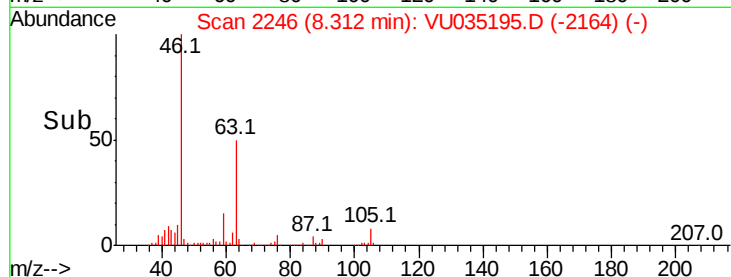
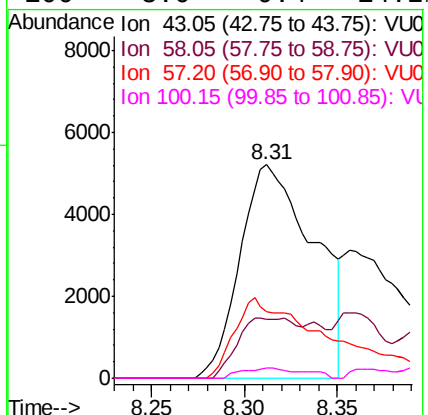
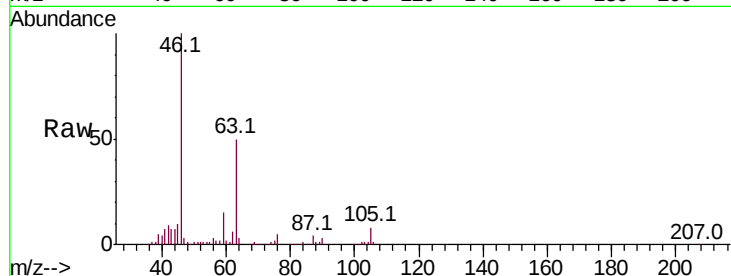




#48
2-Hexanone
Concen: 1.951 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.04 min
Lab File: VU035195.D
Acq: 15 Oct 2019 18:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 14414
Ion Ratio Lower Upper
43 100
58 13.6 44.1 66.1#
57 47.8 15.8 23.8#
100 3.0 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.887 ug/L
RT: 11.47 min Scan# 3229
Delta R.T. 1.00 min
Lab File: VU035195.D
Acq: 15 Oct 2019 18:16

Tgt Ion: 75 Resp: 9829
Ion Ratio Lower Upper
75 100
77 39.7 26.5 39.7#

