

Data File : VU035056.D
Acq On : 10 Oct 2019 18:35
Operator : JC/SP
Sample : K5268-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBAX8

Quant Time: Oct 11 04:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	147879	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	154958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	57679	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34170	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.68	69	36617	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.26	63	52803	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.17	46	139989	54.38	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.76%
24) Chloroform-d	4.62	84	86136	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.29	65	49142	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.32	84	159805	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.31	67	59248	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.55	98	135896	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.84	79	16618	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.31	63	98574	47.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53465	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	51479	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

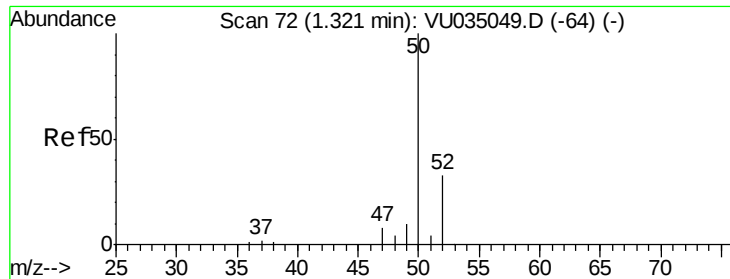
						Qvalue
3) Chloromethane	1.33	50	5871	0.396	ug/L	95
13) Acetone	2.31	43	3949	1.873	ug/L	95
25) Chloroform	4.65	83	7495	0.330	ug/L	92
34) Trichloroethene	6.16	95	25907	2.152	ug/L	96
35) Methylcyclohexane	6.31	83	12261	0.629	ug/L #	20
37) 1,2-Dichloropropane	6.31	63	6712	0.533	ug/L #	88
48) 2-Hexanone	8.30	43	9234	1.700	ug/L #	76
59) 1,2,3-Trichloropropane	11.47	75	7785	0.955	ug/L	96

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

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DBAX8

The chromatogram displays the Total Ion Chromatogram (TIC) for sample VU035056.D. The y-axis represents Abundance, ranging from 0 to 2,200,000. The x-axis represents Time in minutes, ranging from 0.00 to 17.00. The baseline is relatively flat, with several distinct peaks labeled with their corresponding chemical compounds.

Approximate Retention Time (min)	Chemical Compound
1.00	Chloroethane-d3, S
1.50	Chloroethane-d5, S
2.50	Acetone-d6, S
4.50	2-Butanone-d5, S
5.00	Chloroform-d, S
5.50	1,2-Dichloroethane-d4, S
6.00	1,4-Difluorobenzene, I
6.50	Trichloroethene, T
7.00	1,1,2,2-Tetrachloroethane-d2, S
7.50	Toluene-d8, S
8.00	trans-1,3-Dichloropropene-d4, S
8.50	2-Hexanone-d5, S
9.00	Chlorobenzene-d5, I
10.50	1,1,1,2,2-Tetrachloroethane-d2, S
11.50	1,2-Dichloroethane-d4, I
12.00	1,2-Dichlorobenzene-d4, S



#3

Chloromethane

Concen: 0.396 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

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ClientSampleId :

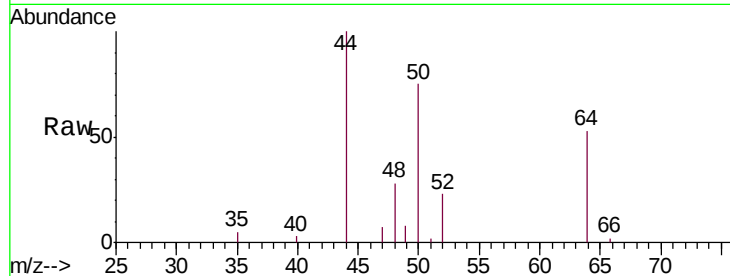
DBAX8

Tgt Ion: 50 Resp: 5871

Ion Ratio Lower Upper

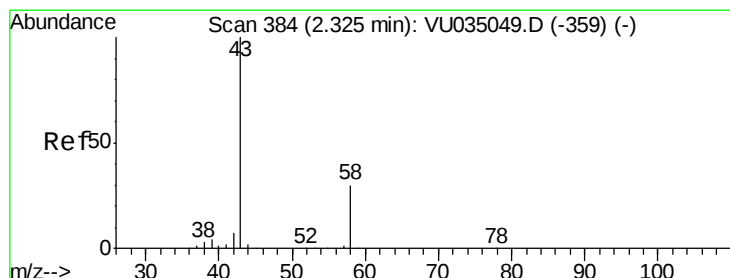
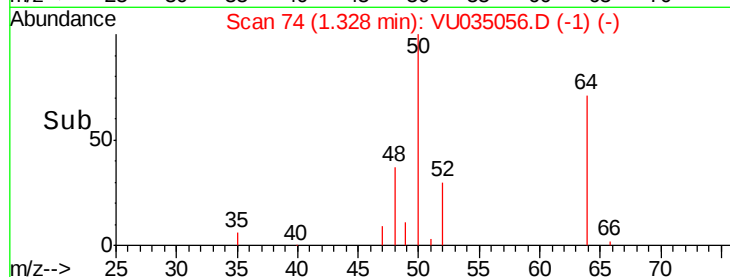
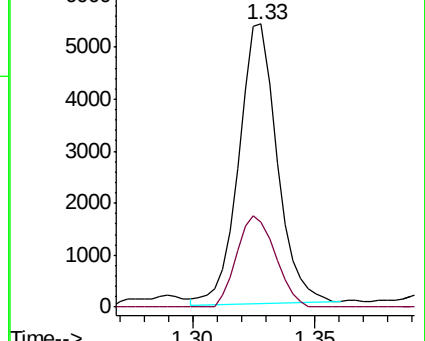
50 100

52 30.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035049.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035049.D (-64) (-)



#13

Acetone

Concen: 1.873 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU035056.D

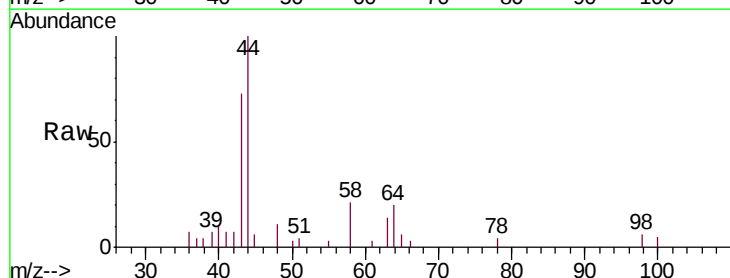
Acq: 10 Oct 2019 18:35

Tgt Ion: 43 Resp: 3949

Ion Ratio Lower Upper

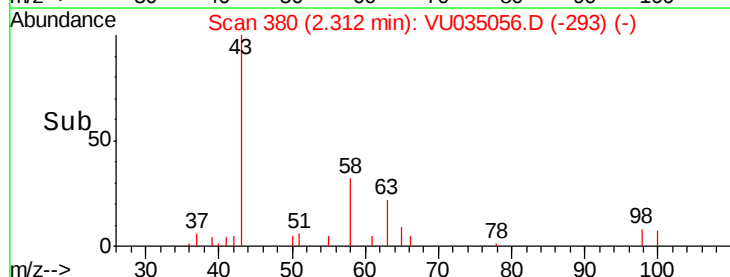
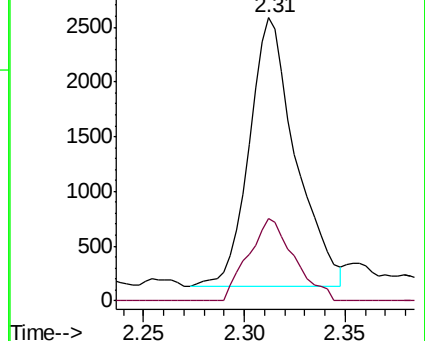
43 100

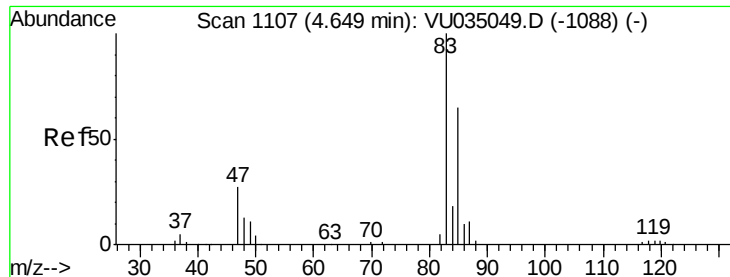
58 30.2 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035049.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU035049.D (-359) (-)





#25

Chloroform

Concen: 0.330 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU035056.D

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MSVOA_U

ClientSampleId :

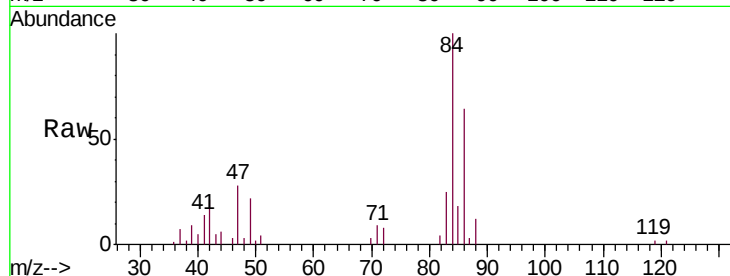
DBAX8

Tgt Ion: 83 Resp: 7495

Ion Ratio Lower Upper

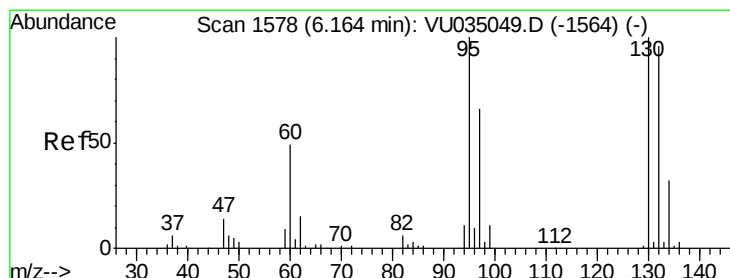
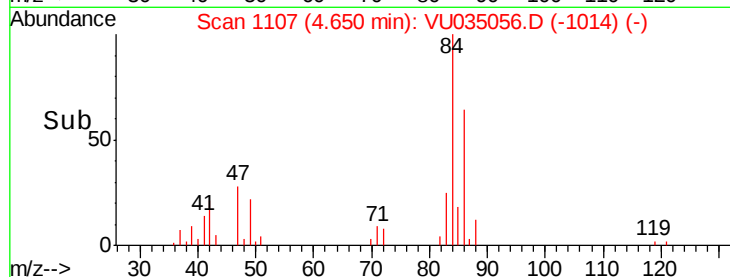
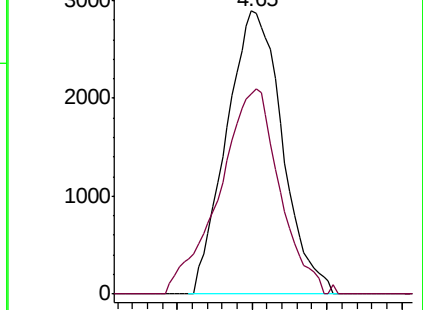
83 100

85 70.9 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035049.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035049.D (-1088) (-)



#34

Trichloroethene

Concen: 2.152 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU035056.D

Acq: 10 Oct 2019 18:35

Tgt Ion: 95 Resp: 25907

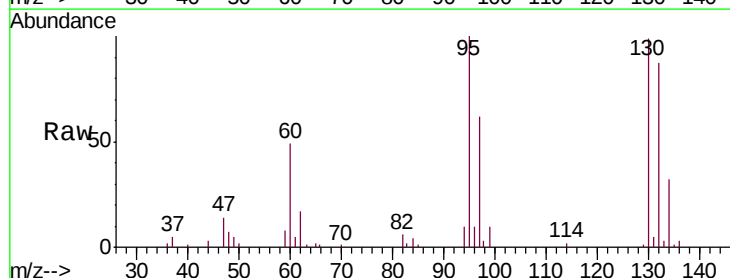
Ion Ratio Lower Upper

95 100

97 62.4 44.5 82.7

132 86.6 66.6 123.8

130 99.5 68.9 127.9

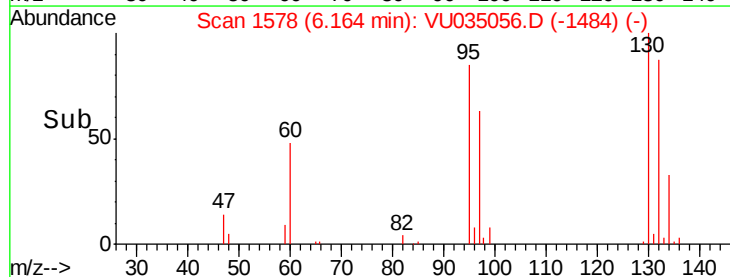
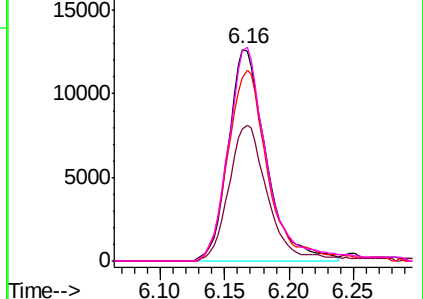


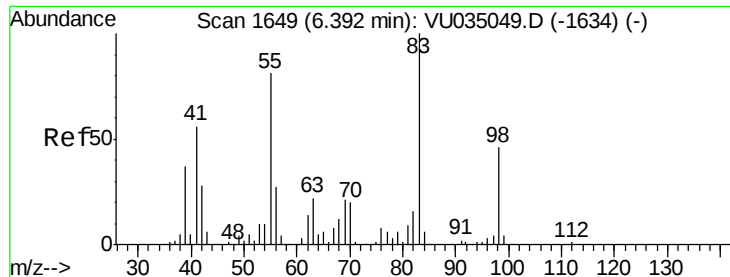
Abundance Ion 95.00 (94.70 to 95.70): VU035049.D (-1564) (-)

Ion 96.95 (96.65 to 97.65): VU035049.D (-1564) (-)

Ion 131.95 (131.65 to 132.65): VU035049.D (-1564) (-)

Ion 129.95 (129.65 to 130.65): VU035049.D (-1564) (-)

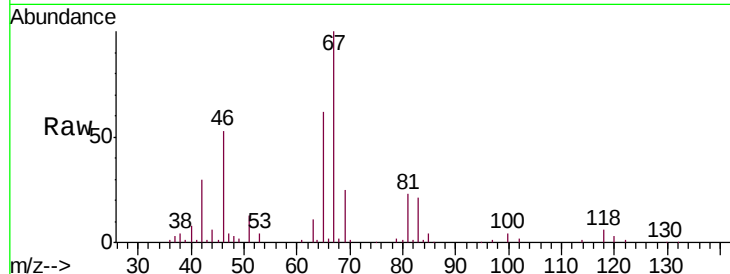




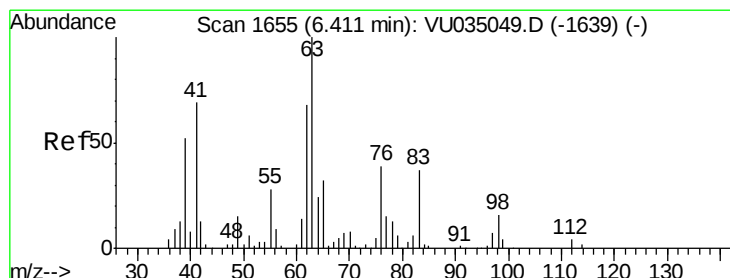
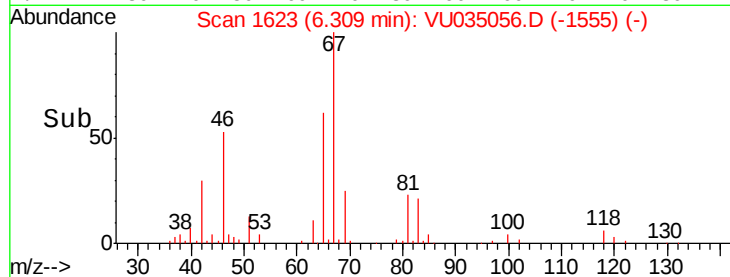
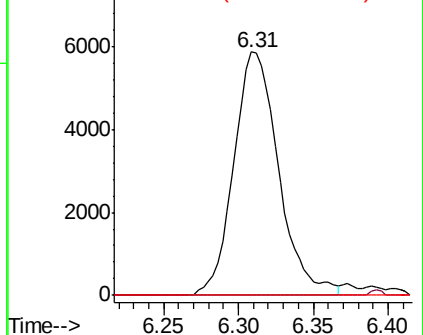
#35
Methylcyclohexane
Concen: 0.629 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035056.D
Acq: 10 Oct 2019 18:35

Instrument :
MSVOA_U
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DBAX8

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.6	94.0#
98	2.4	36.2	54.2#

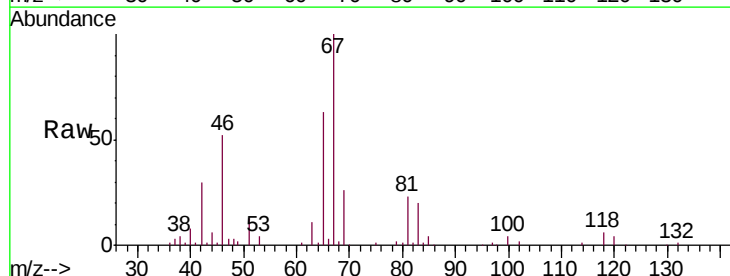


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

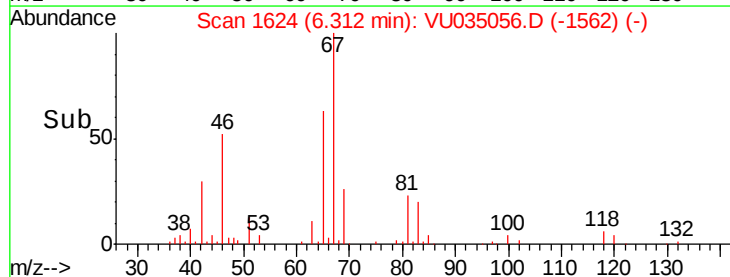
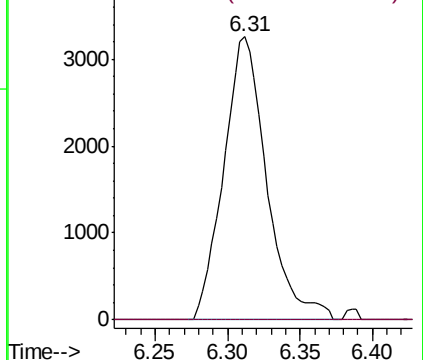


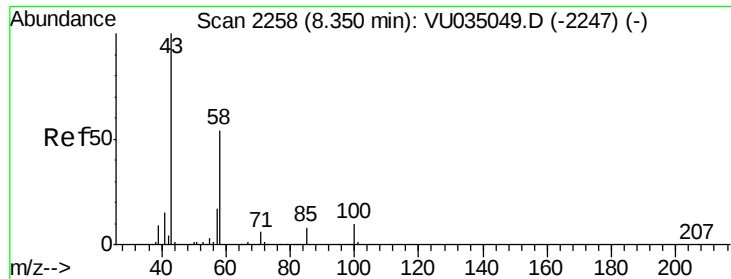
#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035056.D
Acq: 10 Oct 2019 18:35

Tgt 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

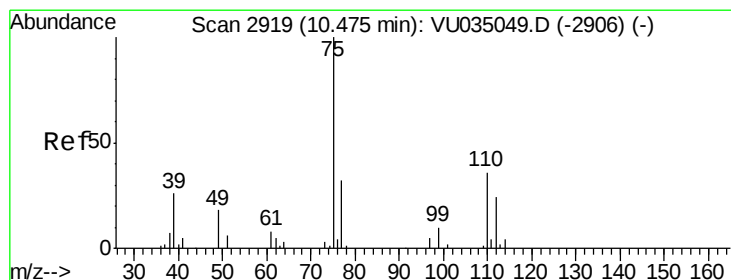
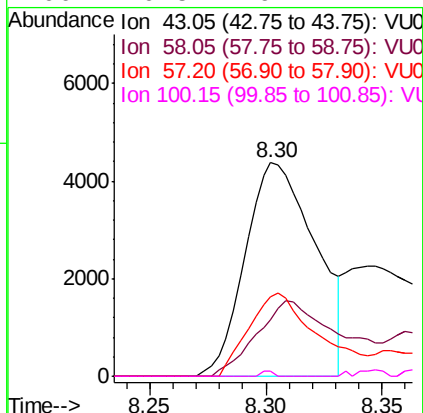
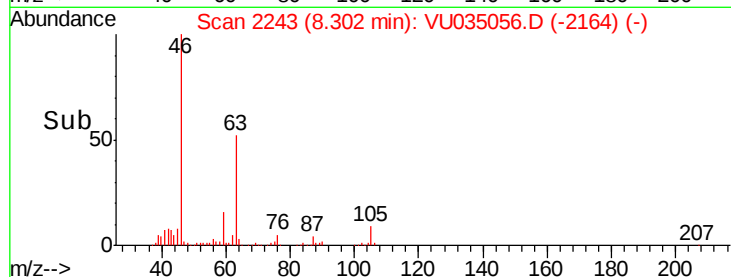
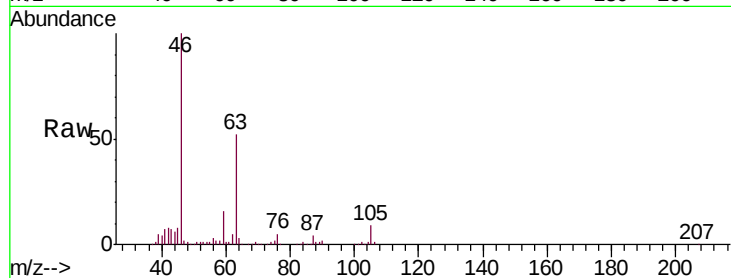




#48
2-Hexanone
Concen: 1.700 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.04 min
Lab File: VU035056.D
Acq: 10 Oct 2019 18:35

Instrument :
MSVOA_U
ClientSampleId :
DBAX8

Tgt Ion: 43 Resp: 9234
Ion Ratio Lower Upper
43 100
58 42.6 44.1 66.1#
57 38.6 15.8 23.8#
100 0.5 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.955 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU035056.D
Acq: 10 Oct 2019 18:35

Tgt Ion: 75 Resp: 7785
Ion Ratio Lower Upper
75 100
77 35.1 26.5 39.7

