

Data File : VU033709.D
Acq On : 10 Aug 2019 01:35
Operator : JC/SP
Sample : K4289-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B16

Quant Time: Aug 10 04:31:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	340963	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	332332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166354	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119792	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.46%
7) Chloroethane-d5	1.67	69	116800	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.86%
11) 1,1-Dichloroethene-d2	2.26	63	164683	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	4.15	46	243971	156.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	156.79%#
24) Chloroform-d	4.62	84	232232	62.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.56%
26) 1,2-Dichloroethane-d4	5.28	65	155426	66.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.32%#
32) Benzene-d6	5.32	84	468275	59.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.40%
36) 1,2-Dichloropropane-d6	6.31	67	156773	65.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	130.28%#
41) Toluene-d8	7.55	98	416712	56.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.98%
43) trans-1,3-Dichloropropene-	7.83	79	71085	58.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.98%
47) 2-Hexanone-d5	8.29	63	186756	149.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	149.80%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	245257	68.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	137.76%#
64) 1,2-Dichlorobenzene-d4	11.84	152	180810	64.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.16%#

Target Compounds

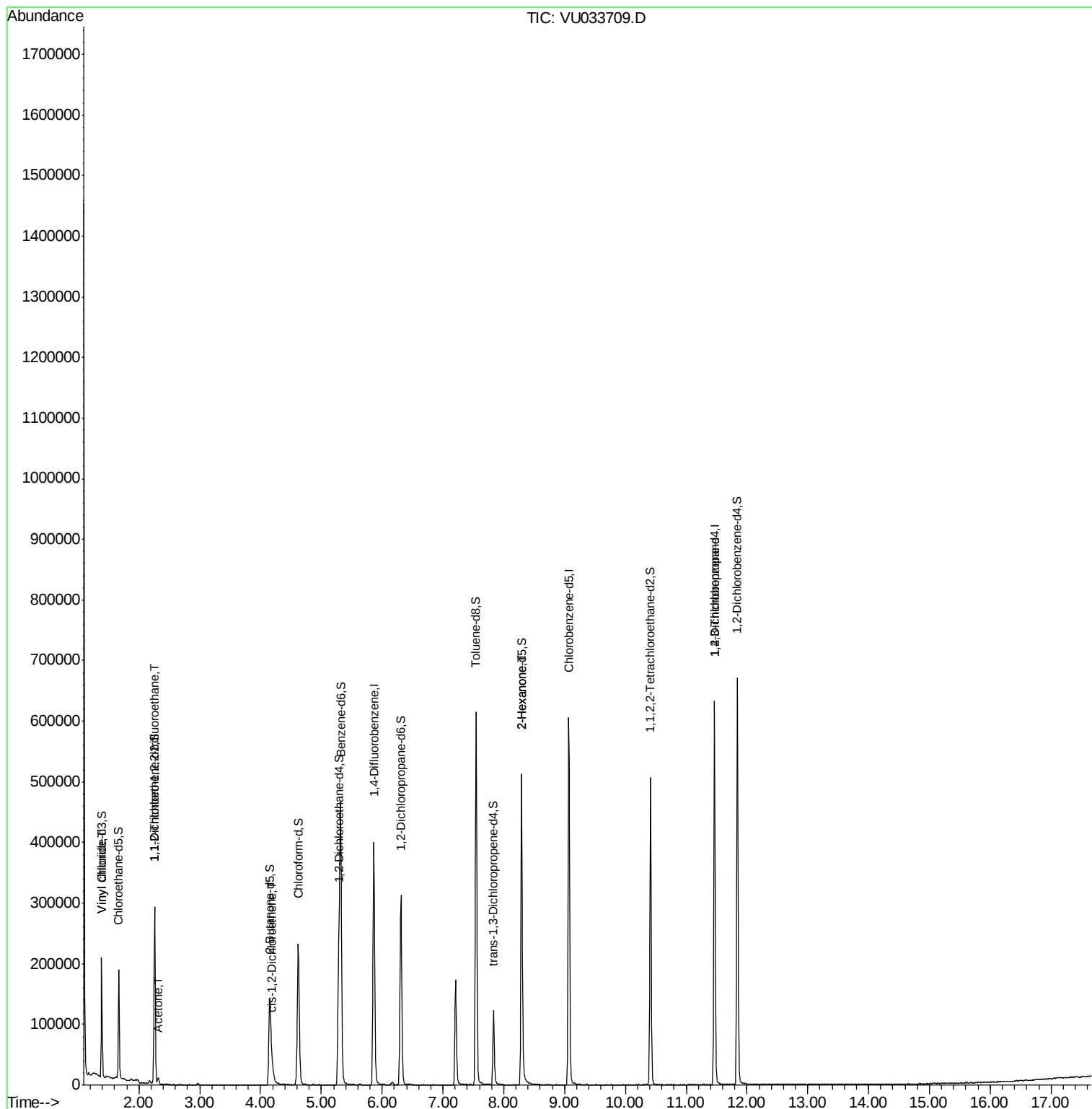
					Qvalue	
5) Vinyl chloride	1.39	62	12186	4.246	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1465	0.718	ug/L #	18
13) Acetone	2.32	43	11449	7.318	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	8580	3.500	ug/L	99
48) 2-Hexanone	8.29	43	20132	6.965	ug/L #	64
59) 1,2,3-Trichloropropane	11.47	75	19157	5.741	ug/L	94

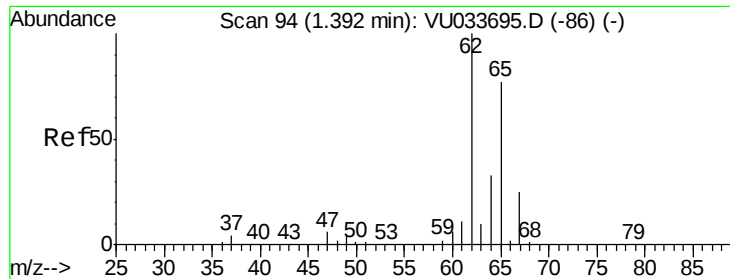
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.246 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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Acq: 10 Aug 2019 01:35

Instrument :

MSVOA_U

ClientSampleId :

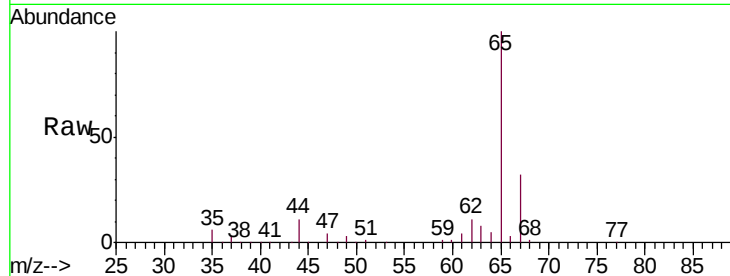
F2B16

Tgt Ion: 62 Resp: 12186

Ion Ratio Lower Upper

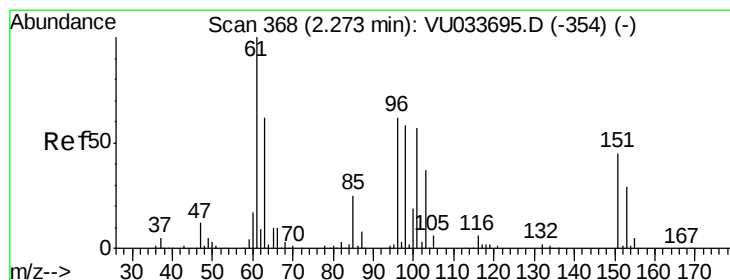
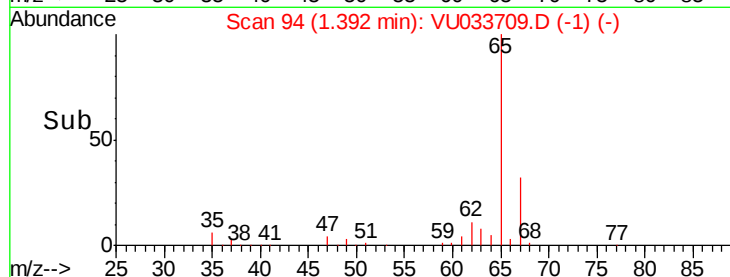
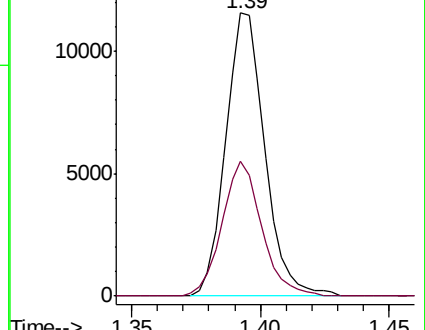
62 100

64 47.5 23.7 43.9#



Abundance Ion 62.00 (61.70 to 62.70): VU033709.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU033709.D (-1) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.718 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033709.D

Acq: 10 Aug 2019 01:35

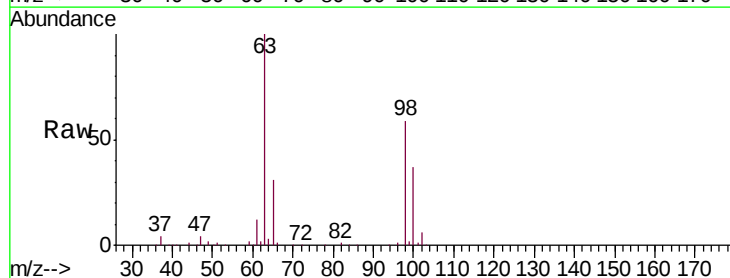
Tgt Ion: 101 Resp: 1465

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

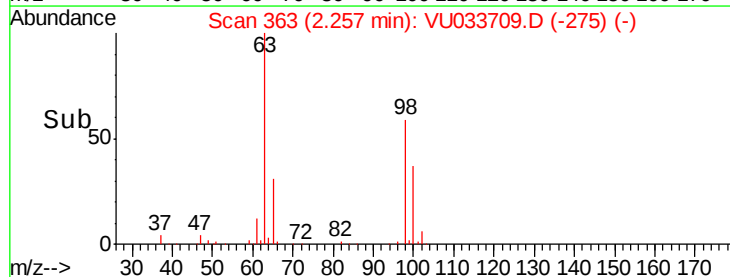
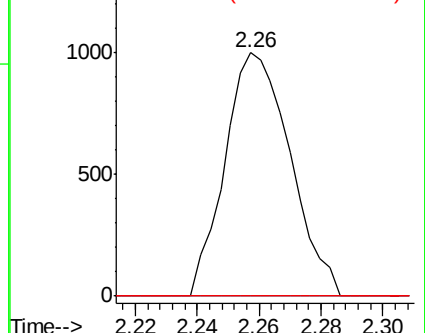
151 0.0 63.0 94.4#

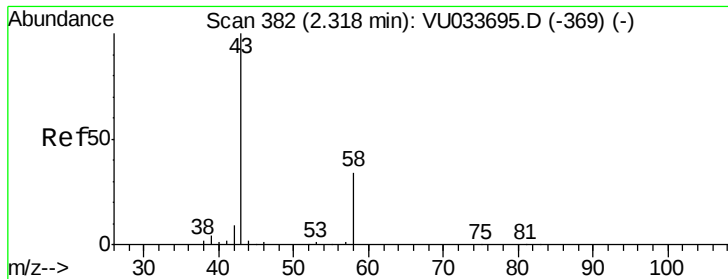


Abundance Ion 101.00 (100.70 to 101.70): VU033709.D (-275) (-)

Ion 85.00 (84.70 to 85.70): VU033709.D (-275) (-)

Ion 151.00 (150.70 to 151.70): VU033709.D (-275) (-)





#13

Acetone

Concen: 7.318 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

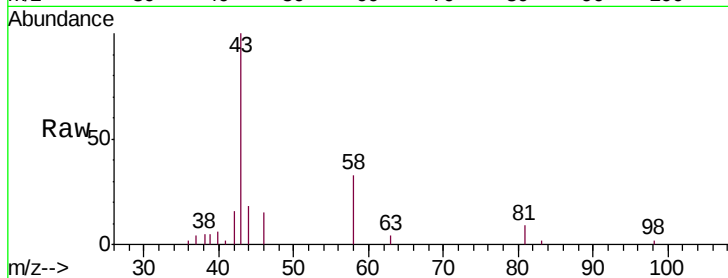
F2B16

Tgt Ion: 43 Resp: 11449

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU033709.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU033709.D (-369) (-)

2.32

6000

5000

4000

3000

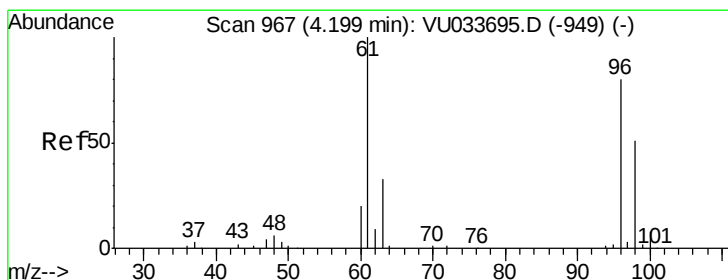
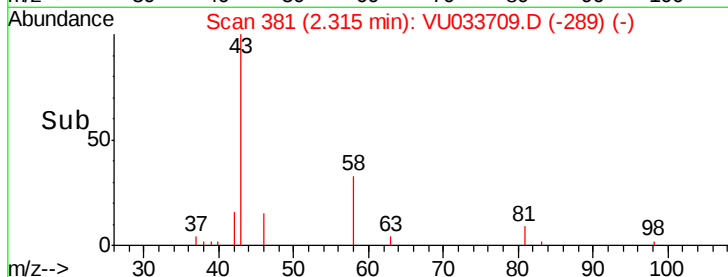
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#20

cis-1,2-Dichloroethene

Concen: 3.500 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033709.D

Acq: 10 Aug 2019 01:35

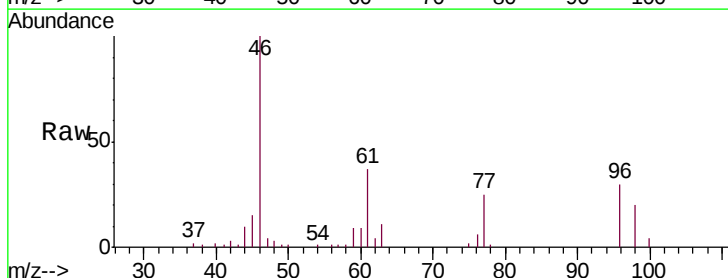
Tgt Ion: 96 Resp: 8580

Ion Ratio Lower Upper

96 100

61 123.5 87.0 161.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033709.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033709.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033709.D (-949) (-)

4.20

6000

5000

4000

3000

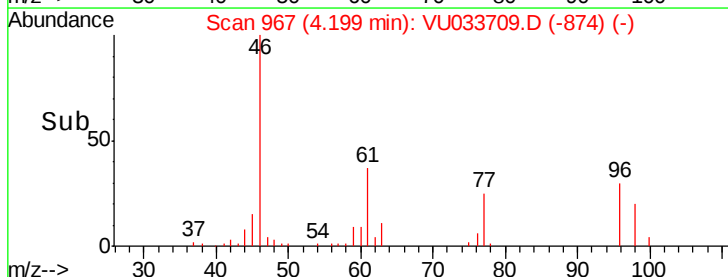
2000

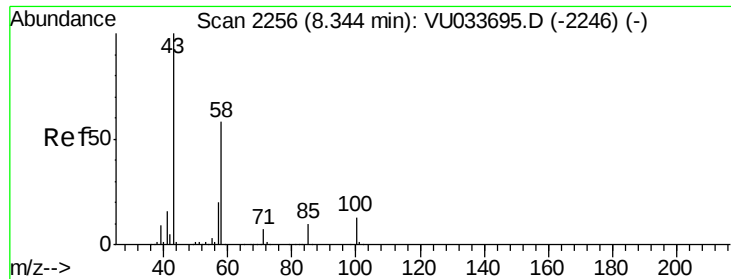
1000

0

Time-->

4.15 4.20 4.25

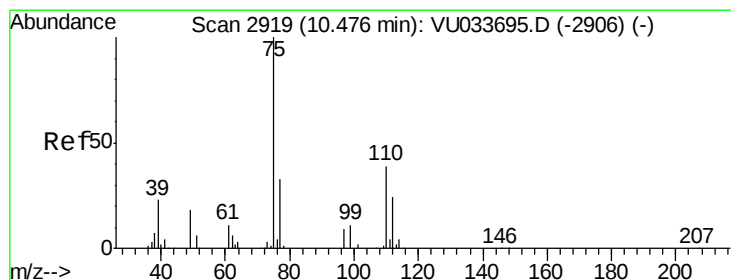
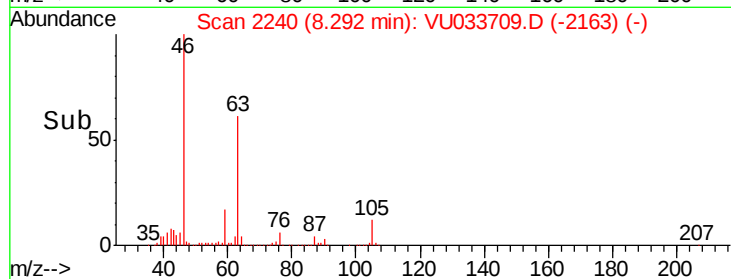
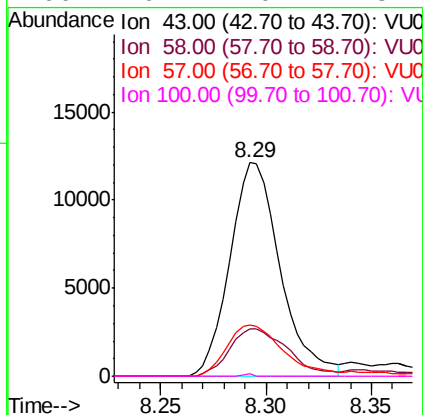
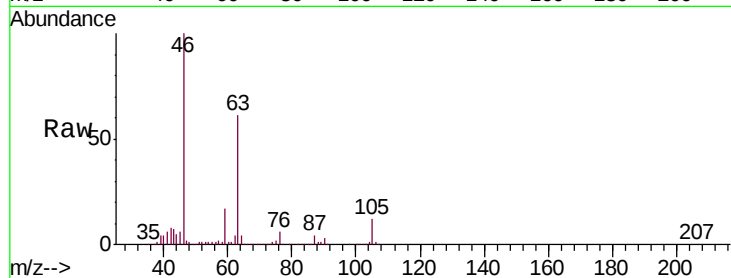




#48
 2-Hexanone
 Concen: 6.965 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033709.D
 Acq: 10 Aug 2019 01:35

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B16

Tgt Ion: 43 Resp: 20132
 Ion Ratio Lower Upper
 43 100
 58 25.6 46.6 70.0#
 57 26.7 16.2 24.4#
 100 0.2 10.1 15.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.741 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033709.D
 Acq: 10 Aug 2019 01:35

Tgt Ion: 75 Resp: 19157
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.4 39.6

