

Data File : VU033064.D
Acq On : 27 Jun 2019 14:11
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Jun 28 02:46:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 02:43:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	182949	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	181262	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82938	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46700	37.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.70%
7) Chloroethane-d5	1.67	69	44438	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.12%
11) 1,1-Dichloroethene-d2	2.26	63	79357	31.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.02%
21) 2-Butanone-d5	4.17	46	124960	120.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.08%
24) Chloroform-d	4.64	84	120037	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
26) 1,2-Dichloroethane-d4	5.30	65	86851	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.28%
32) Benzene-d6	5.33	84	225727	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.32	67	76006	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.98%
41) Toluene-d8	7.56	98	201184	45.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.94%
43) trans-1,3-Dichloropropene-	7.85	79	36531	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.32%
47) 2-Hexanone-d5	8.31	63	70936	100.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.93%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	115953	49.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	82697	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

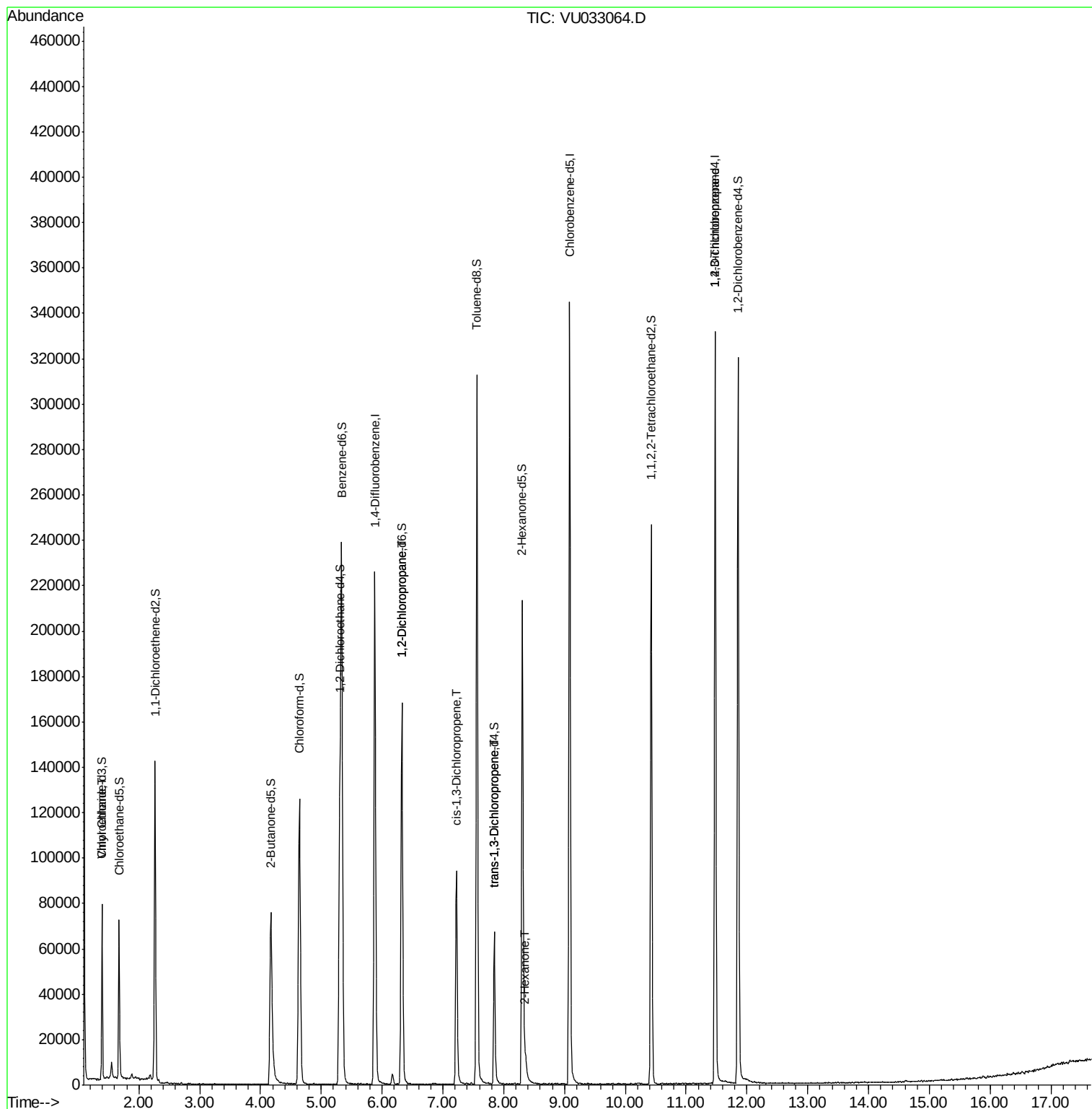
					Qvalue	
8) Chloroethane	1.40	64	875	0.915	ug/L #	1
37) 1,2-Dichloropropane	6.32	63	9335	6.517	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2561	1.148	ug/L #	62
44) trans-1,3-Dichloropropene	7.84	75	1956	0.933	ug/L	89
48) 2-Hexanone	8.36	43	4757	2.358	ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	10913	5.709	ug/L	92

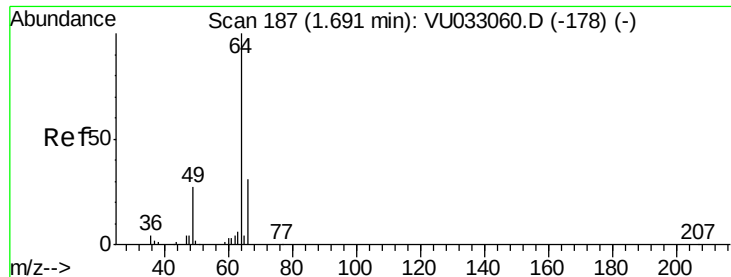
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.915 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

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Acq: 27 Jun 2019 14:11

Instrument :

MSVOA_U

ClientSampleId :

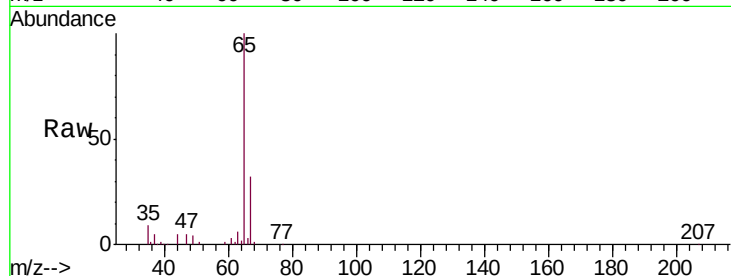
VIBLK41

Tgt Ion: 64 Resp: 875

Ion Ratio Lower Upper

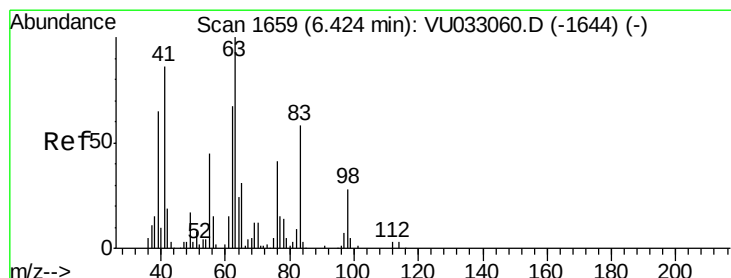
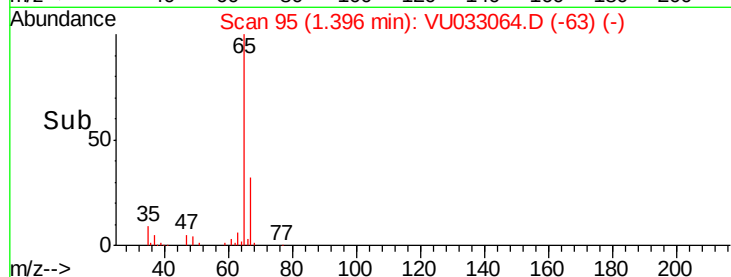
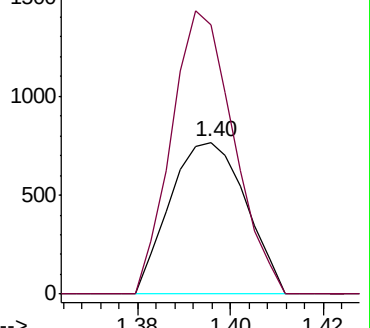
64 100

66 177.3 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU033060.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU033060.D (-178) (-)



#37

1,2-Dichloropropane

Concen: 6.517 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU033064.D

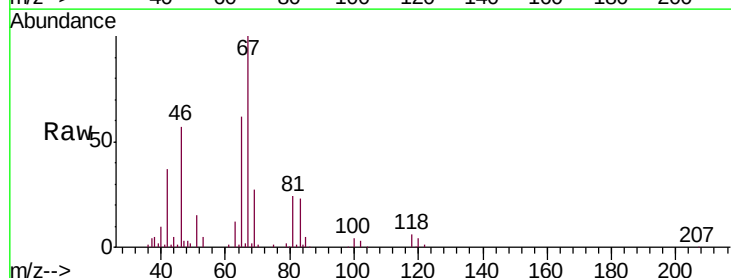
Acq: 27 Jun 2019 14:11

Tgt Ion: 63 Resp: 9335

Ion Ratio Lower Upper

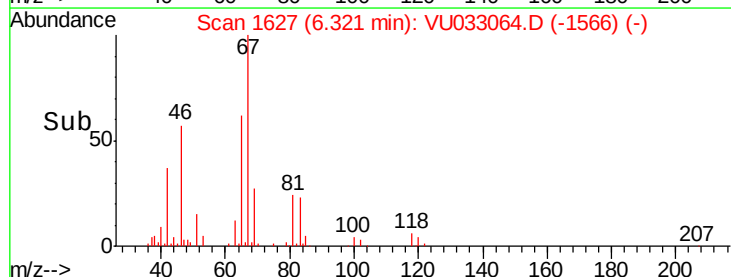
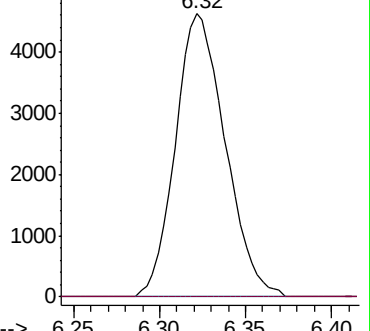
63 100

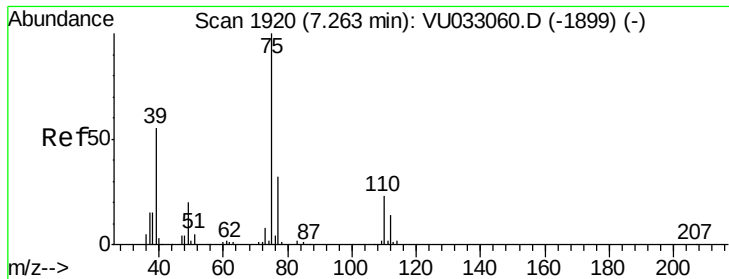
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU033060.D (-1644) (-)

Ion 112.00 (111.70 to 112.70): VU033060.D (-1644) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.148 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU033064.D

Acq: 27 Jun 2019 14:11

Instrument :

MSVOA_U

ClientSampleId :

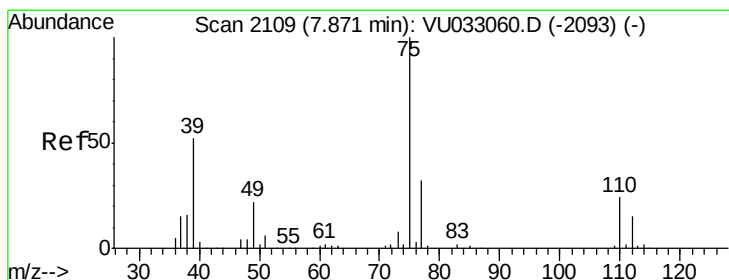
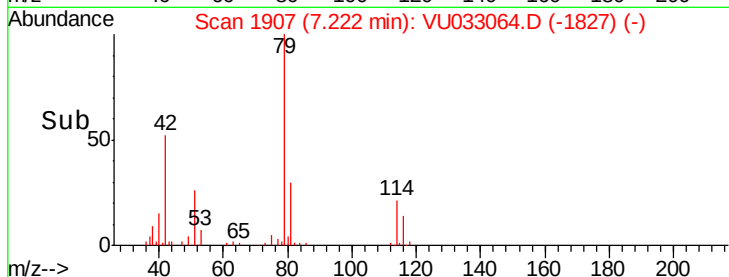
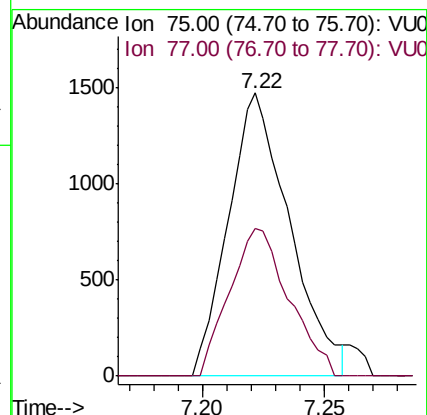
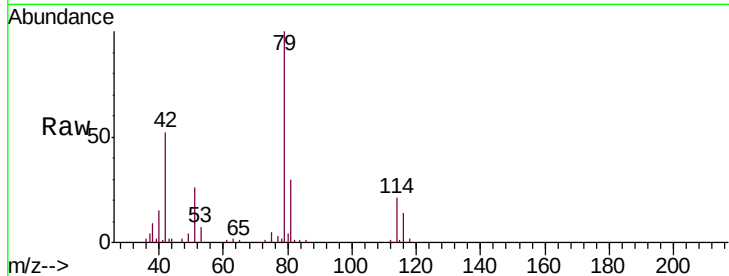
VIBLK41

Tgt Ion: 75 Resp: 2561

Ion Ratio Lower Upper

75 100

77 52.2 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU033064.D

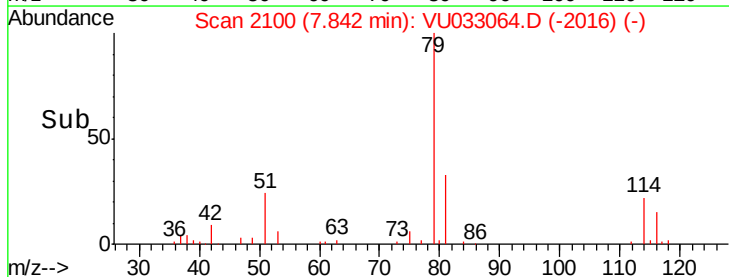
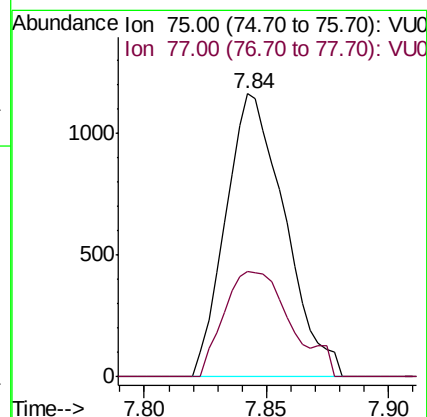
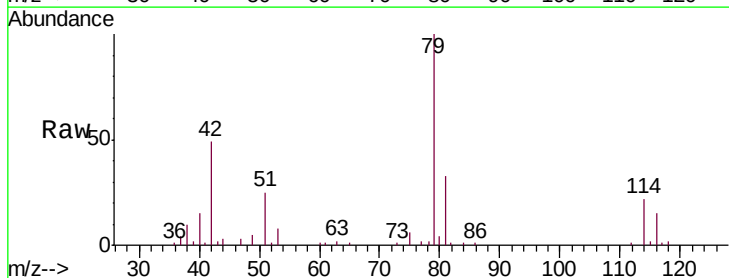
Acq: 27 Jun 2019 14:11

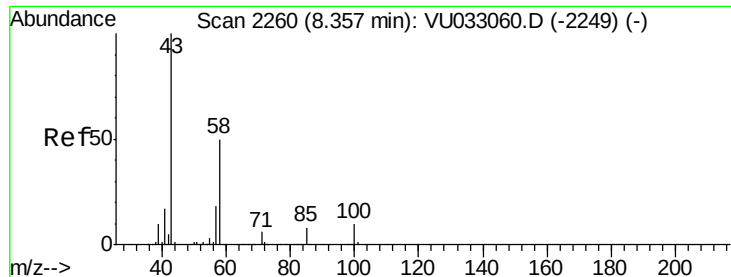
Tgt Ion: 75 Resp: 1956

Ion Ratio Lower Upper

75 100

77 37.0 21.8 40.4

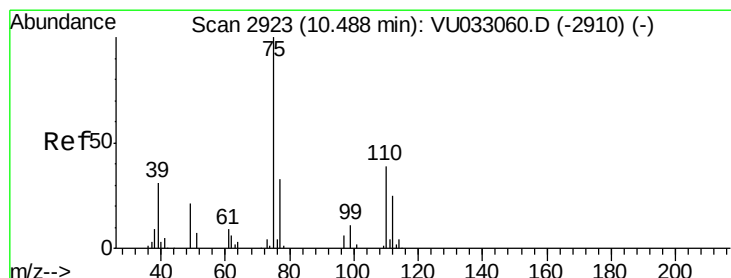
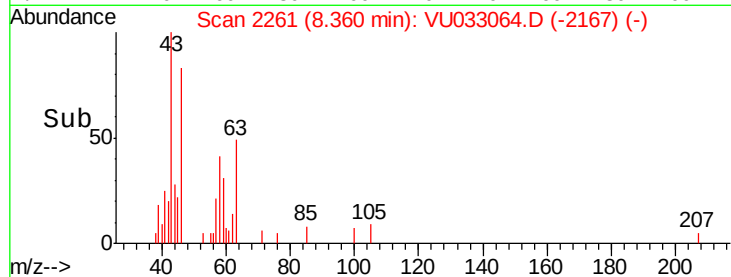
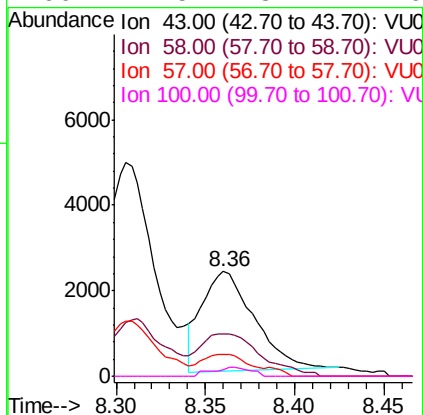
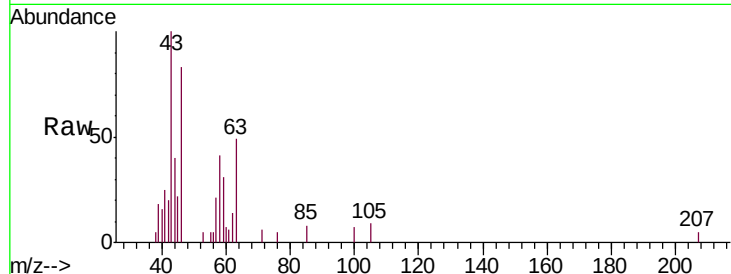




#48
 2-Hexanone
 Concen: 2.358 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU033064.D
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Instrument :
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 VIBLK41

Tgt Ion: 43 Resp: 4757
 Ion Ratio Lower Upper
 43 100
 58 0.4 40.2 60.2#
 57 11.9 14.2 21.4#
 100 2.5 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.709 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU033064.D
 Acq: 27 Jun 2019 14:11

Tgt Ion: 75 Resp: 10913
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.5 38.3

