

Data File : VU029463.D
Acq On : 14 Feb 2019 18:20
Operator : JC/SP
Sample : VU0214WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Quant Time: Feb 15 01:57:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	185207	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	174650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89946	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59559	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.68	69	54544	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	94275	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.20	46	132977	51.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.65	84	88108	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	53248	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.34	84	220447	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.33	67	63491	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.56	98	215424	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.85	79	27614	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.31	63	131719	51.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53295	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	89367	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

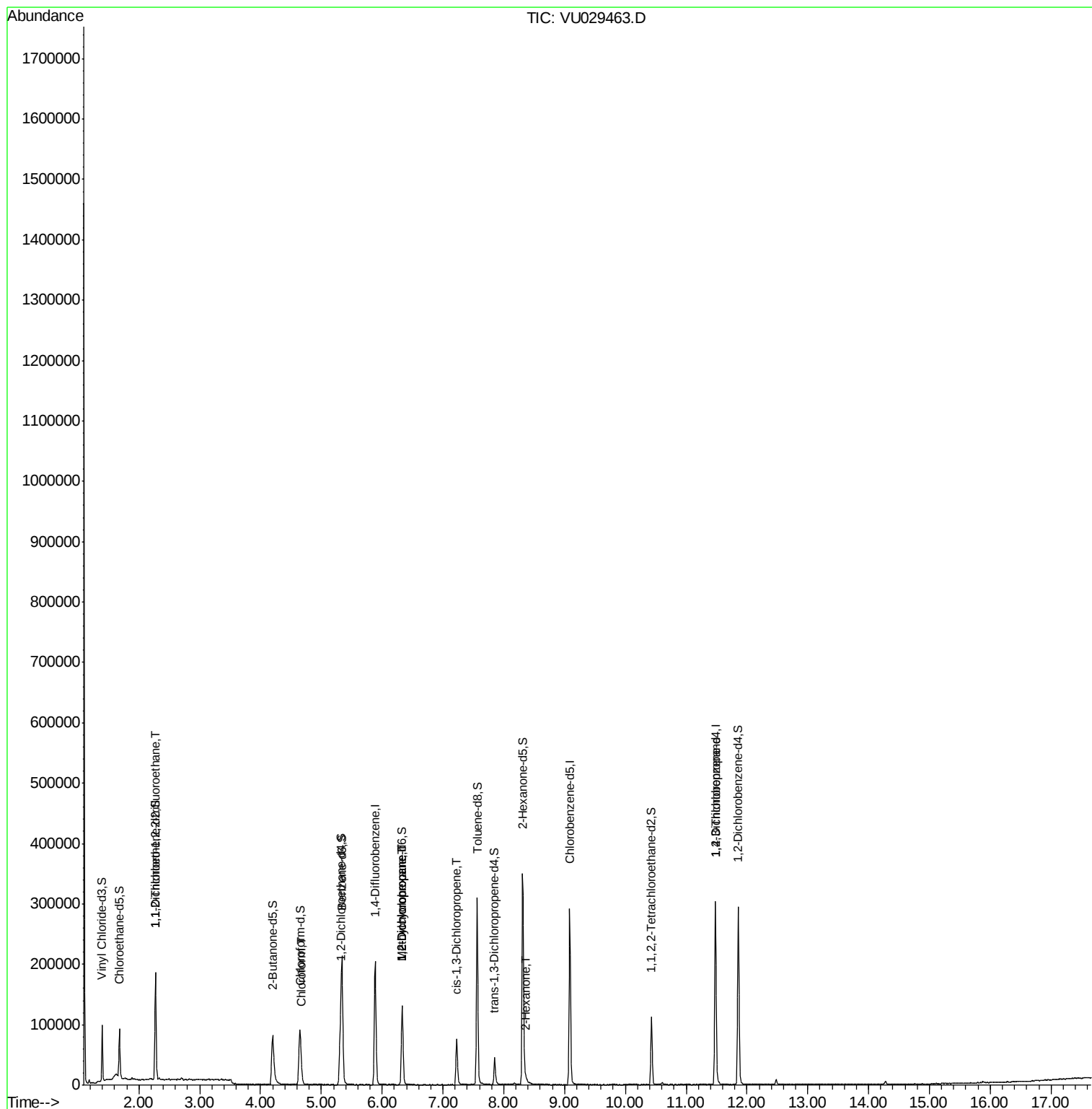
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1001	0.062	ug/L #	16
25) Chloroform	4.68	83	15949	0.651	ug/L	98
35) Methylcyclohexane	6.33	83	15810	0.650	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7142	0.555	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1953	0.096	ug/L #	80
48) 2-Hexanone	8.37	43	2771	0.512	ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	8641	1.046	ug/L	91

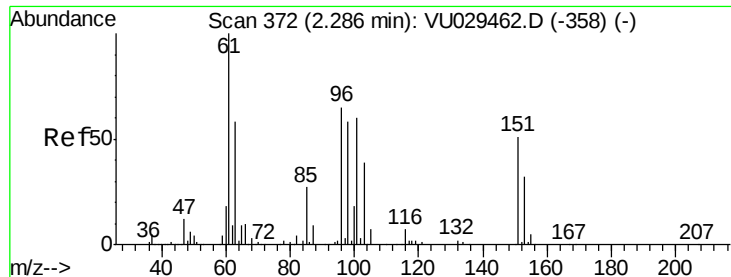
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.062 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

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VBLK53

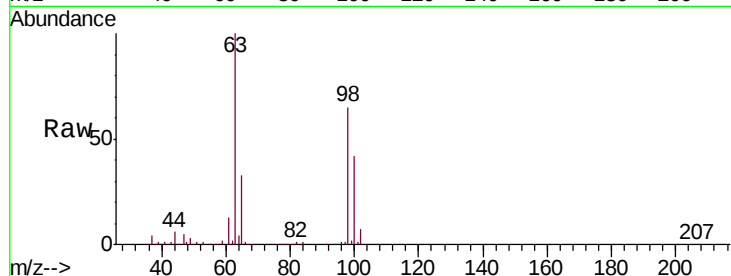
Tgt Ion: 101 Resp: 1001

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

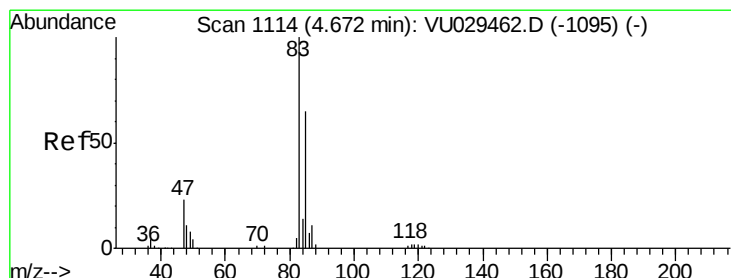
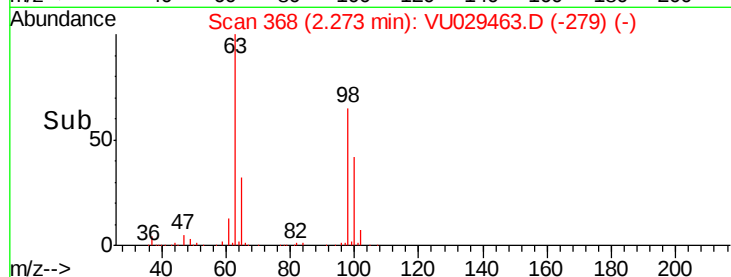
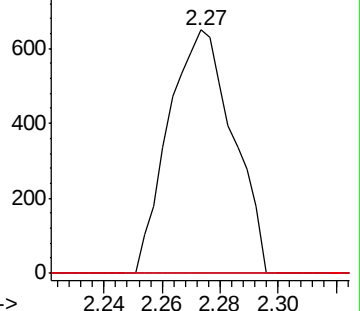
151 0.0 67.0 100.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.651 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

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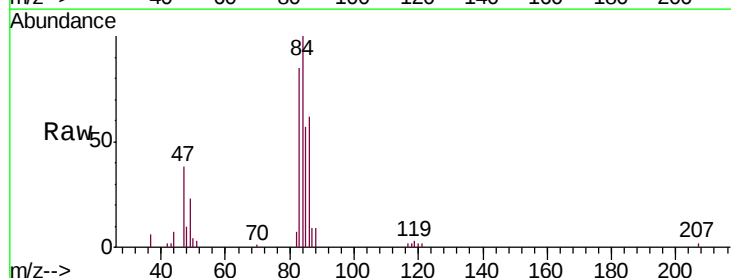
Acq: 14 Feb 2019 18:20

Tgt Ion: 83 Resp: 15949

Ion Ratio Lower Upper

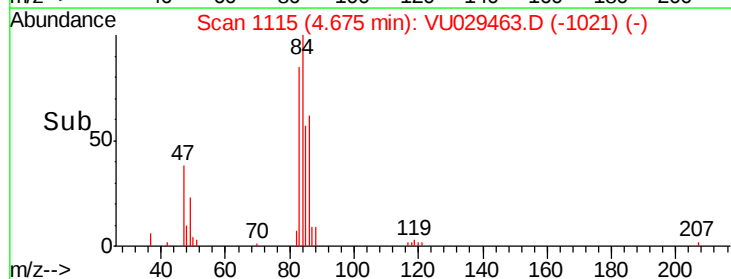
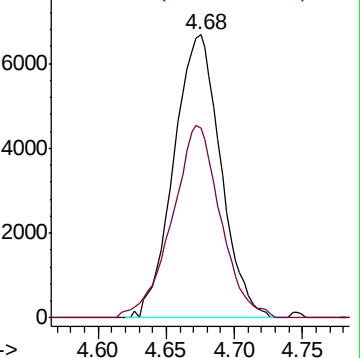
83 100

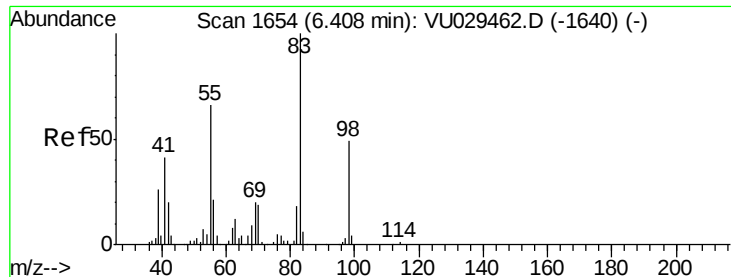
85 67.0 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

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VBLK53

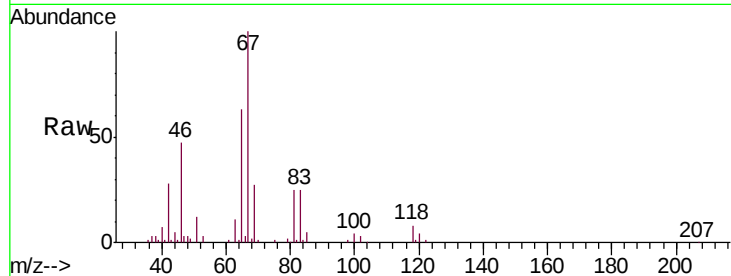
Tgt Ion: 83 Resp: 15810

Ion Ratio Lower Upper

83 100

55 0.1 55.9 83.9#

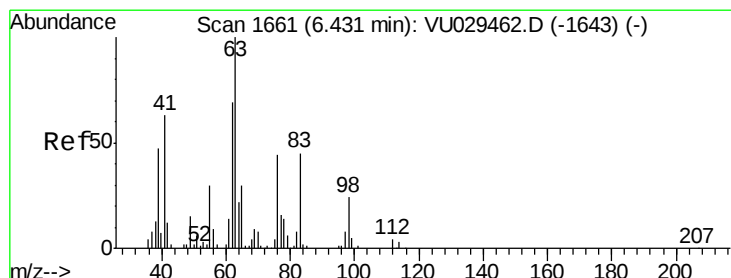
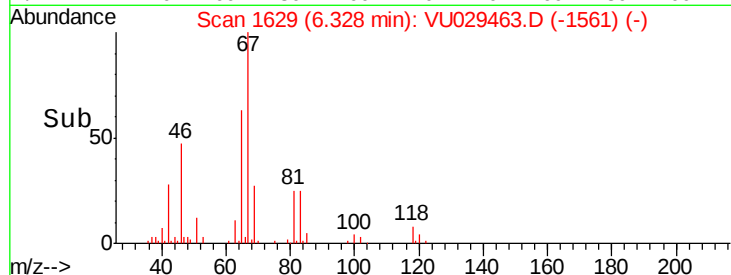
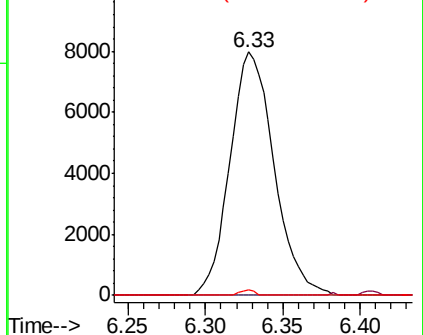
98 0.7 38.6 57.8#



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: 0.555 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029463.D

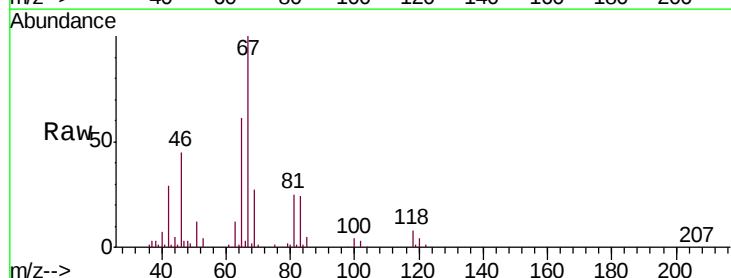
Acq: 14 Feb 2019 18:20

Tgt Ion: 63 Resp: 7142

Ion Ratio Lower Upper

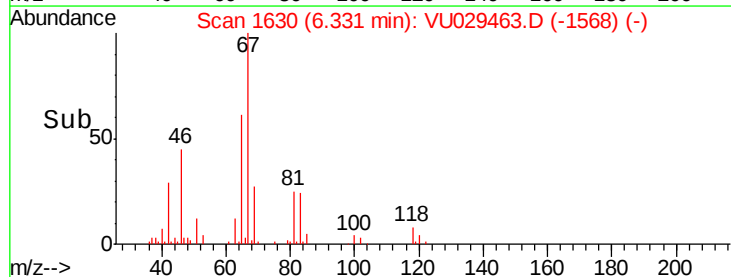
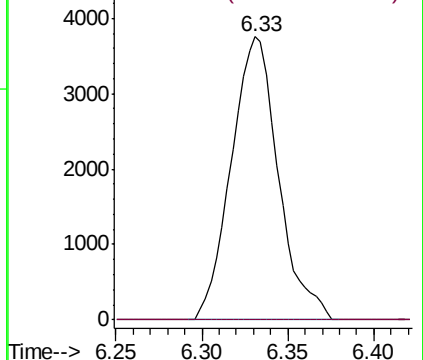
63 100

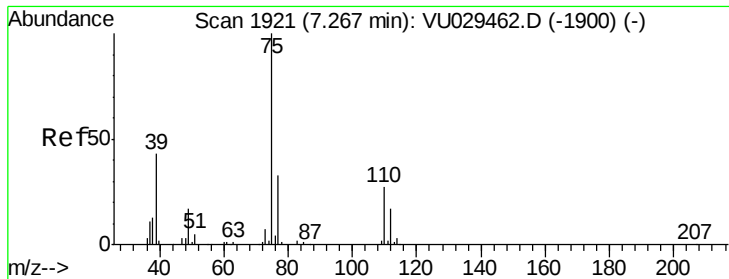
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU029463.D

Acq: 14 Feb 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

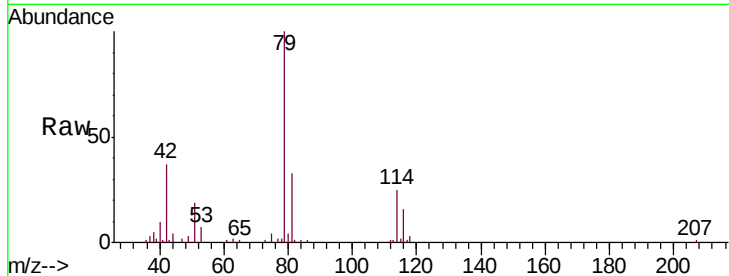
VBLK53

Tgt Ion: 75 Resp: 1953

Ion Ratio Lower Upper

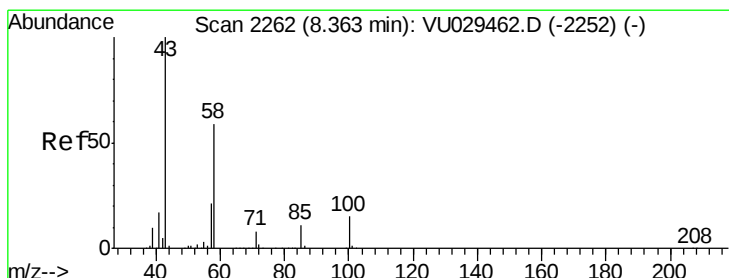
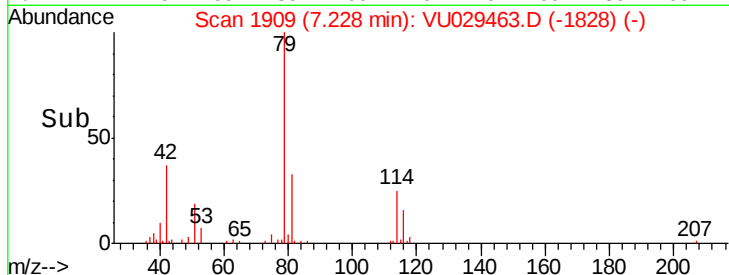
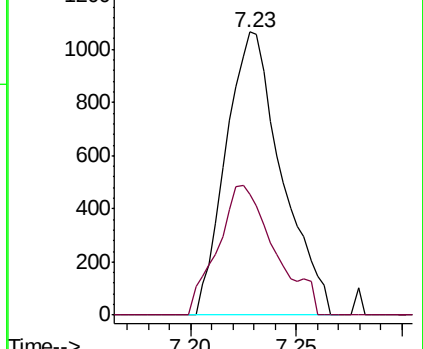
75 100

77 42.7 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 0.512 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU029463.D

Acq: 14 Feb 2019 18:20

Tgt Ion: 43 Resp: 2771

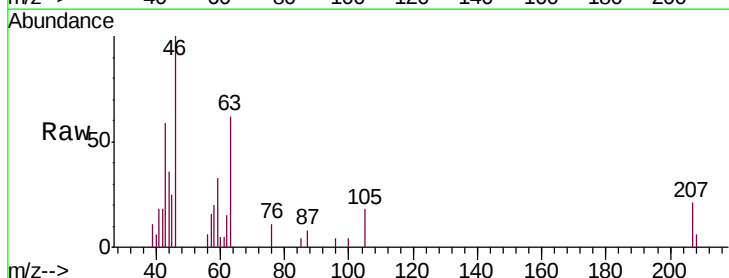
Ion Ratio Lower Upper

43 100

58 4.8 45.7 68.5#

57 26.0 16.4 24.6#

100 1.4 11.1 16.7#

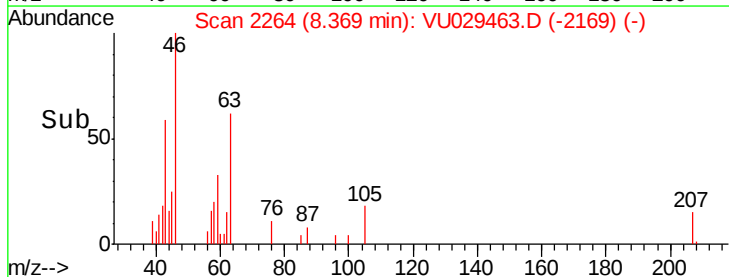
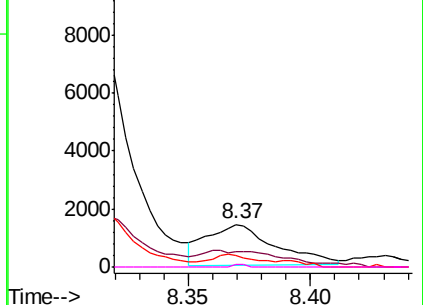


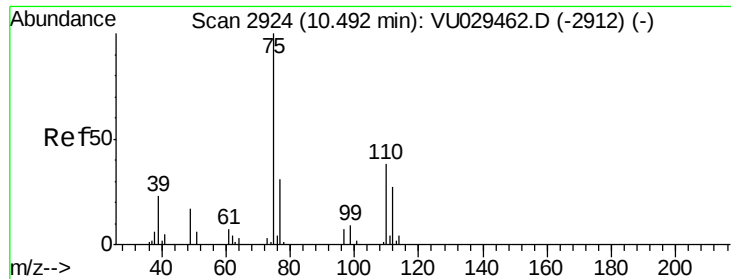
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.046 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029463.D

Acq: 14 Feb 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK53

Tgt Ion: 75 Resp: 8641

Ion Ratio Lower Upper

75 100

77 40.2 28.2 42.2

