

Data File : VU034641.D
Acq On : 18 Sep 2019 02:08
Operator : JC/SP
Sample : K4865-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 18 08:10:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	89811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	85984	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	35307	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36791	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.68	69	30297	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.26	63	53498	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.17	46	92820	52.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	4.62	84	58025	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.29	65	32480	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.32	84	118734	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.31	67	40014	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.54	98	111265	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.83	79	13102	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.30	63	69879	50.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	29793	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	31657	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

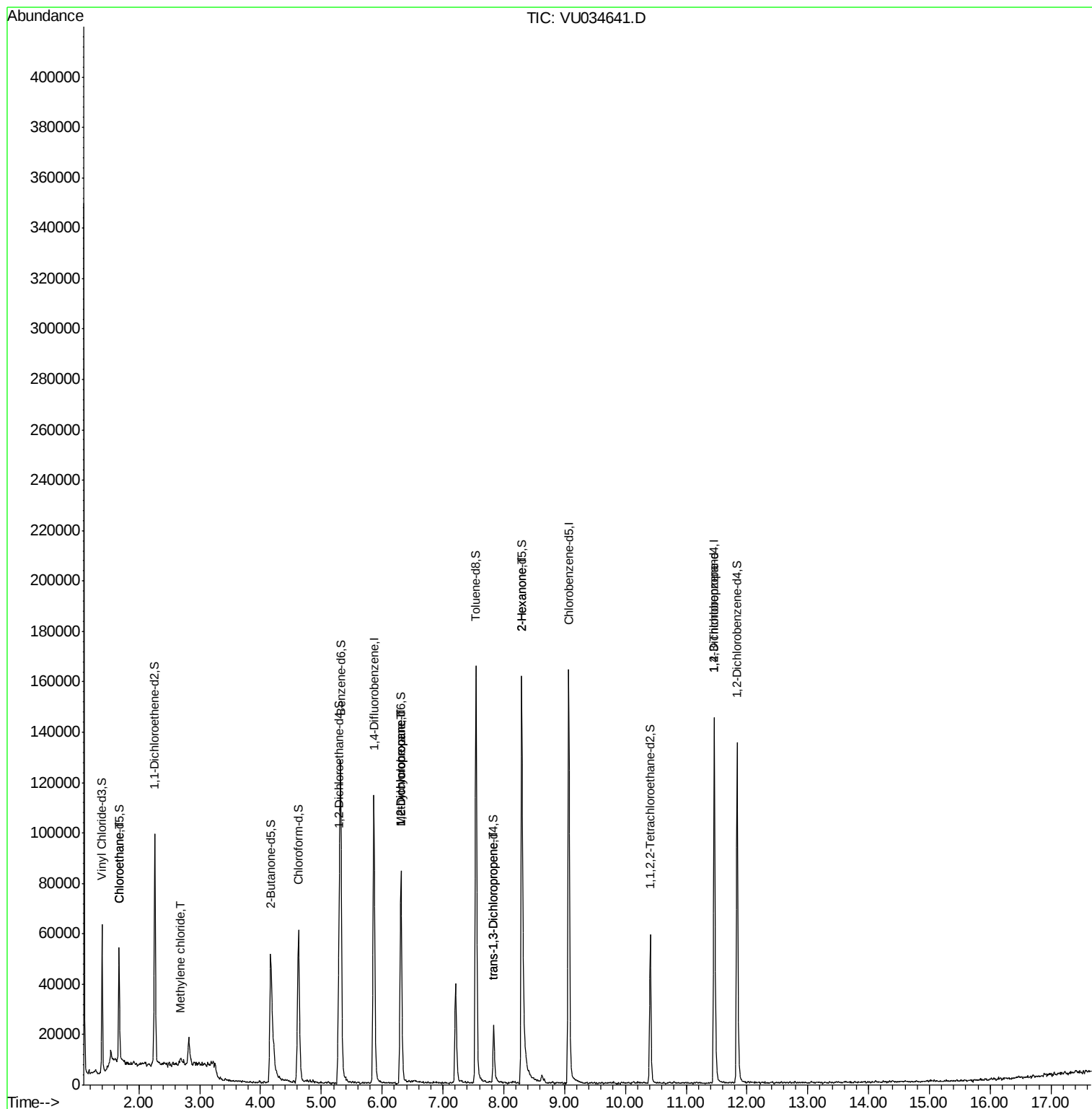
					Qvalue
8) Chloroethane	1.67	64	620	0.158 ug/L #	50
16) Methylene chloride	2.69	84	1041	0.177 ug/L #	68
35) Methylcyclohexane	6.31	83	8514	0.910 ug/L #	16
37) 1,2-Dichloropropane	6.31	63	4832	0.673 ug/L #	92
44) trans-1,3-Dichloropropene	7.84	75	699	0.085 ug/L #	48
48) 2-Hexanone	8.30	43	7340	2.019 ug/L #	70
59) 1,2,3-Trichloropropane	11.46	75	6942	1.480 ug/L	92

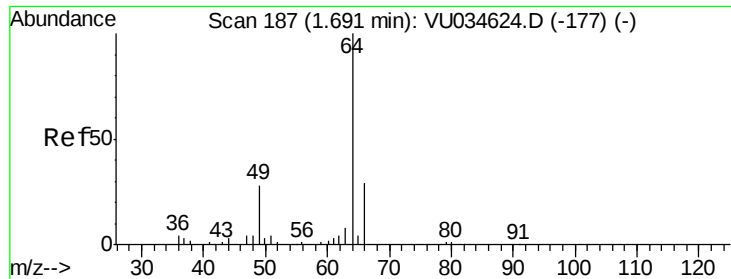
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.158 ug/L

RT: 1.67 min Scan# 179

Delta R.T. -0.03 min

Lab File: VU034641.D

Acq: 18 Sep 2019 02:08

Instrument :

MSVOA_U

ClientSampled :

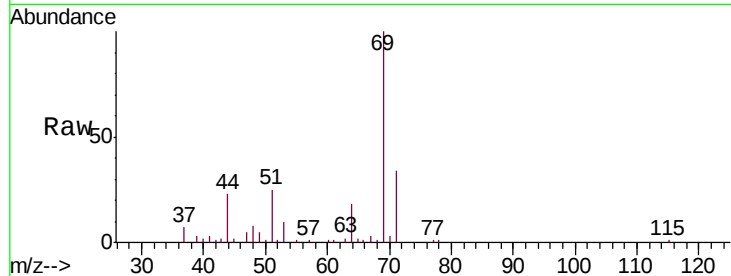
VHBLK01

Tgt Ion: 64 Resp: 620

Ion Ratio Lower Upper

64 100

66 4.1 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU034641.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU034641.D (-177) (-)

1.67

2500

2000

1500

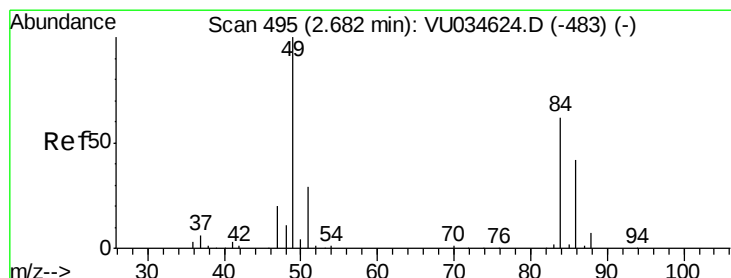
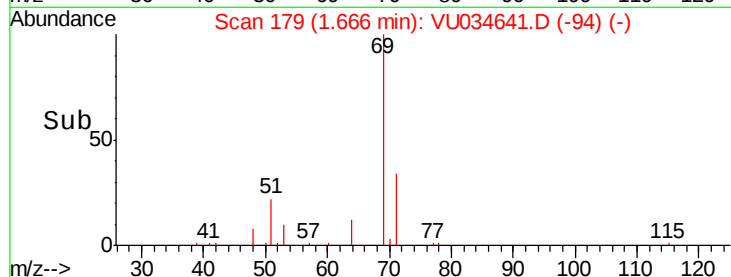
1000

500

0

1.66 1.68 1.70

Time-->



#16

Methylene chloride

Concen: 0.177 ug/L

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034641.D

Acq: 18 Sep 2019 02:08

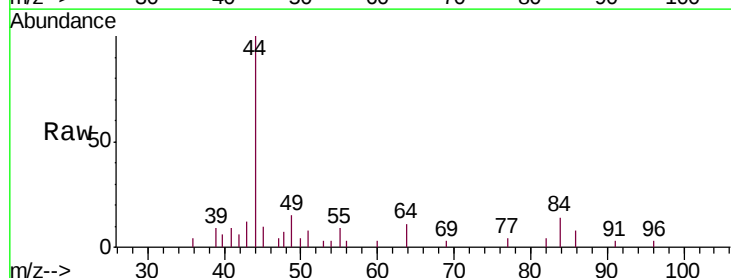
Tgt Ion: 84 Resp: 1041

Ion Ratio Lower Upper

84 100

86 55.1 43.0 80.0

49 104.2 110.9 205.9#



Abundance Ion 84.05 (83.75 to 84.75): VU034641.D (-483) (-)

Ion 86.00 (85.70 to 86.70): VU034641.D (-483) (-)

Ion 49.10 (48.80 to 49.80): VU034641.D (-483) (-)

2.69

800

600

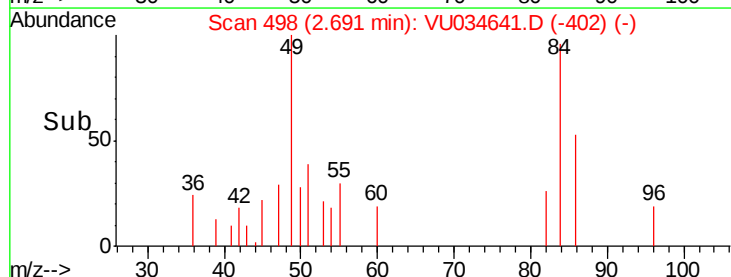
400

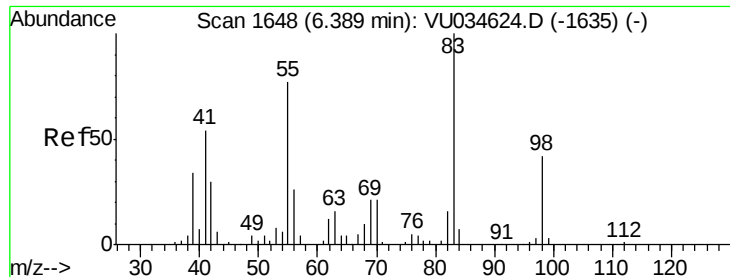
200

0

2.65 2.70

Time-->

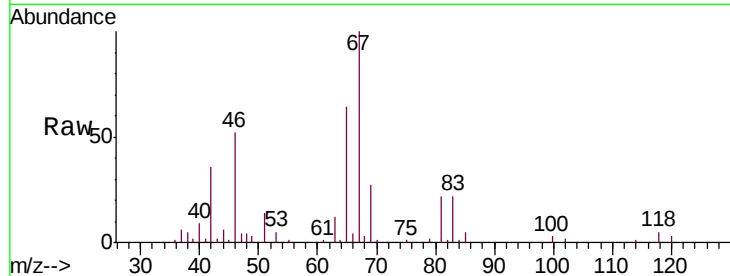




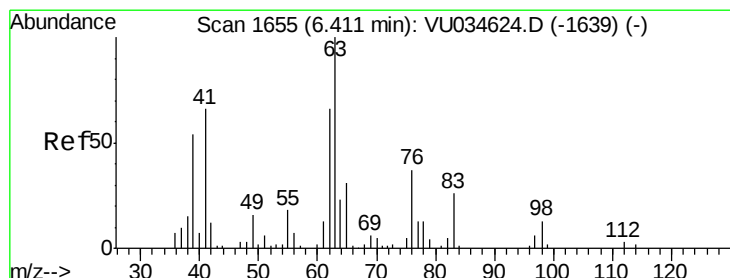
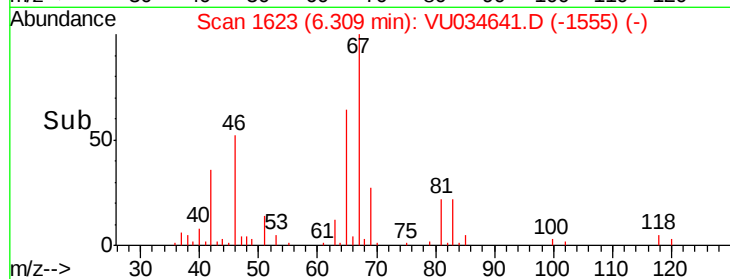
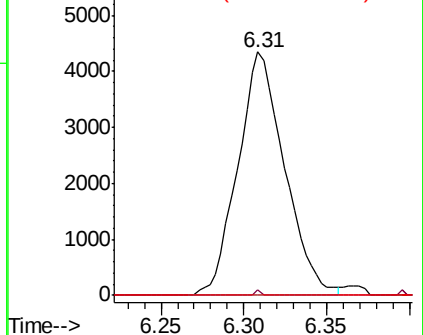
#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034641.D
Acq: 18 Sep 2019 02:08

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 8514
Ion Ratio Lower Upper
83 100
55 0.2 66.8 100.2#
98 0.0 35.4 53.0#

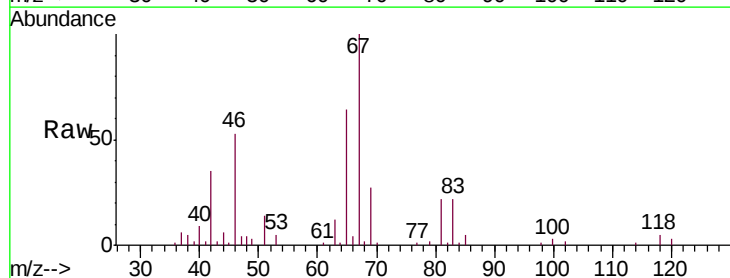


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

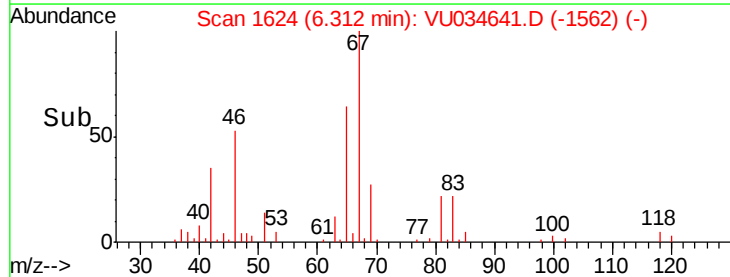
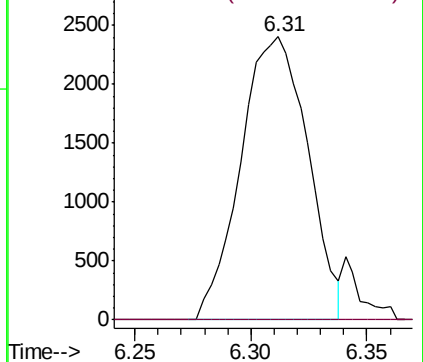


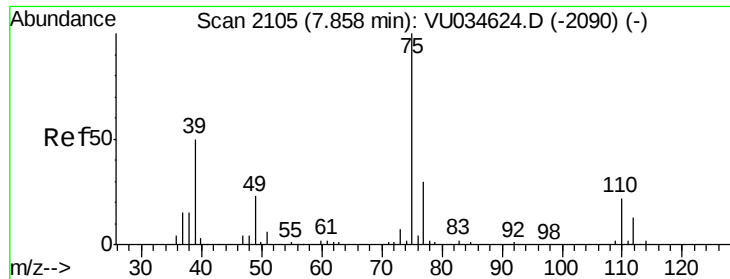
#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034641.D
Acq: 18 Sep 2019 02:08

Tgt Ion: 63 Resp: 4832
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



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





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.02 min

Lab File: VU034641.D

Acq: 18 Sep 2019 02:08

Instrument :

MSVOA_U

ClientSampleId :

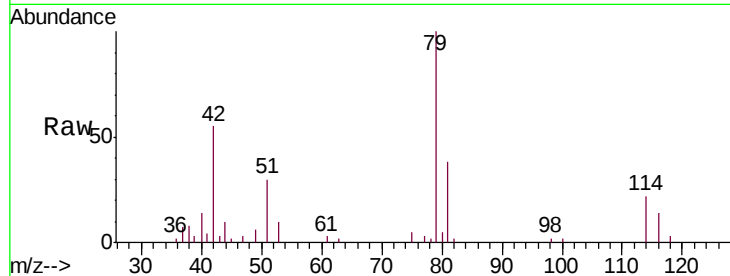
VHBLK01

Tgt Ion: 75 Resp: 699

Ion Ratio Lower Upper

75 100

77 58.3 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.84

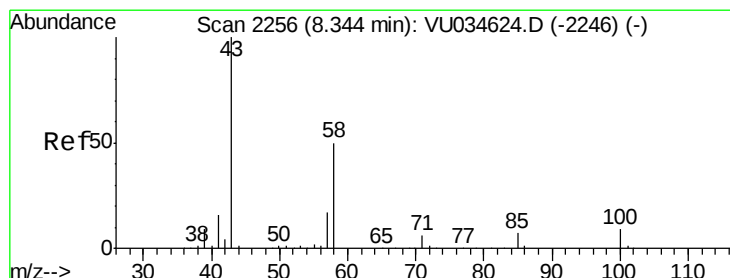
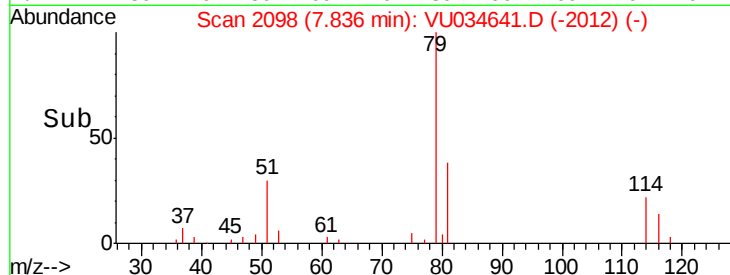
300

200

100

0

Time-->



#48

2-Hexanone

Concen: 2.019 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU034641.D

Acq: 18 Sep 2019 02:08

Tgt Ion: 43 Resp: 7340

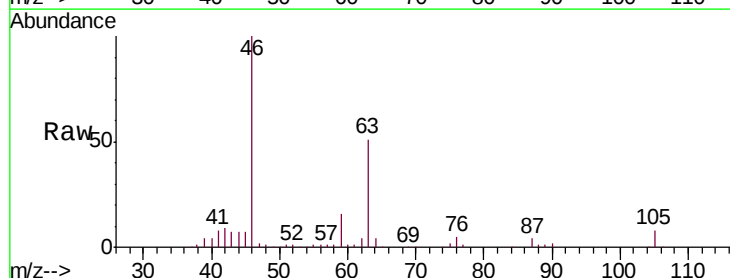
Ion Ratio Lower Upper

43 100

58 24.6 41.2 61.8#

57 19.8 13.3 19.9

100 0.0 7.2 10.8#



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

6000

5000

4000

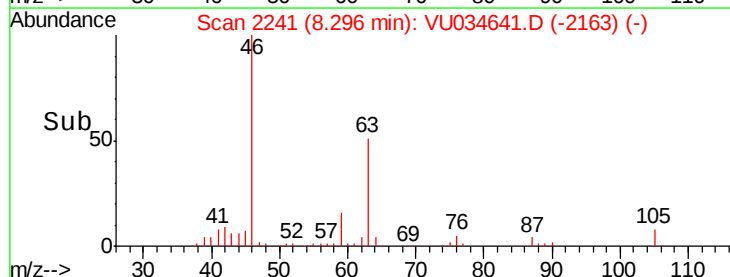
3000

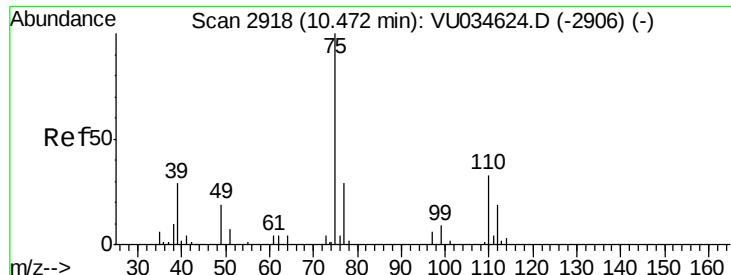
2000

1000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.480 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034641.D

Acq: 18 Sep 2019 02:08

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 6942

Ion Ratio Lower Upper

75 100

77 37.2 26.0 39.0

