

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
 Data File : VU030674.D
 Acq On : 04 Apr 2019 10:11
 Operator : JC/SP
 Sample : VU0404WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK40

Quant Time: Apr 04 13:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 13:18:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	516992	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223046	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	209325	50.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.62%
7) Chloroethane-d5	1.68	69	165984	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.66%
11) 1,1-Dichloroethene-d2	2.27	63	289662	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	4.17	46	377764	96.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.64	84	322998	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.31	65	219805	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
32) Benzene-d6	5.33	84	684241	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
36) 1,2-Dichloropropane-d6	6.33	67	239243	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.56	98	603823	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	103080	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
47) 2-Hexanone-d5	8.31	63	240536	89.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322065	45.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	212952	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%

Target Compounds

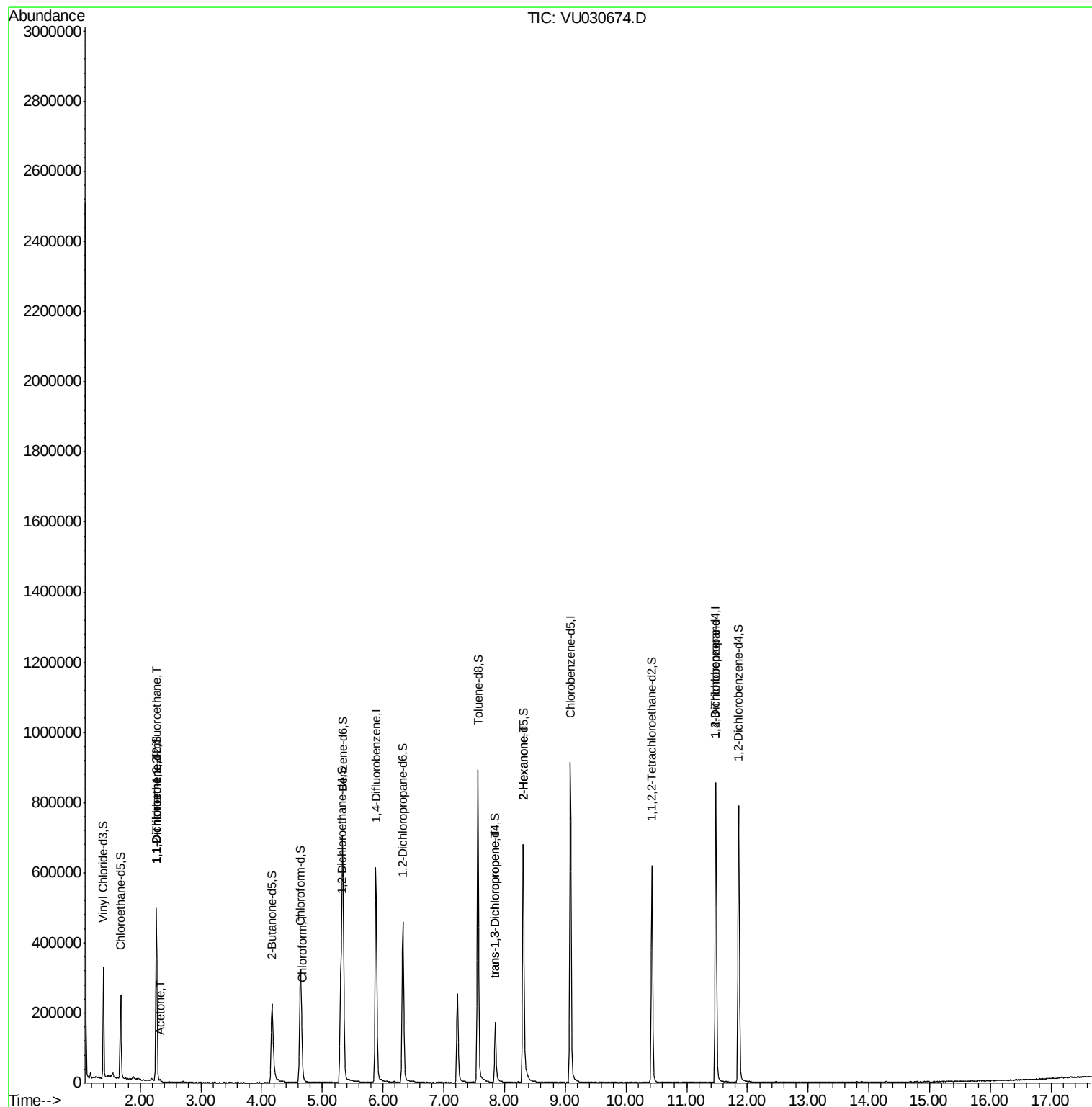
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2686	0.712 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2585	0.699 ug/L #	1
13) Acetone	2.32	43	1935	0.489 ug/L	54
25) Chloroform	4.67	83	17216	2.274 ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	4208	0.682 ug/L	93
48) 2-Hexanone	8.31	43	29294	4.358 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	28112	4.731 ug/L	93

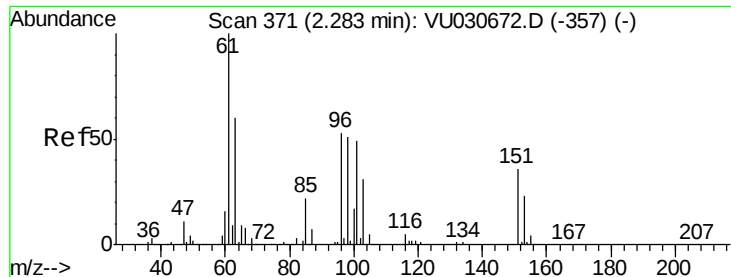
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 13:18:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.712 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030674.D

Acq: 04 Apr 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK40

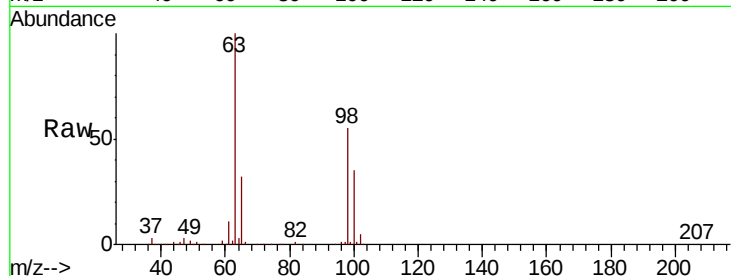
Tgt Ion: 101 Resp: 2686

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

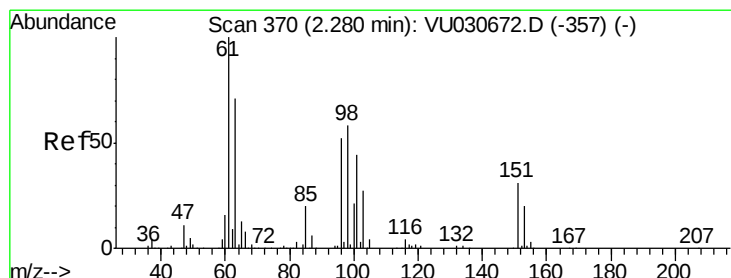
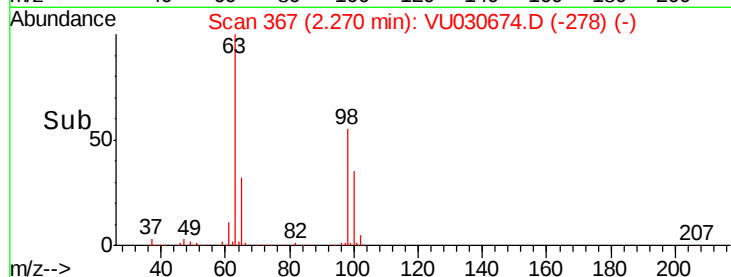
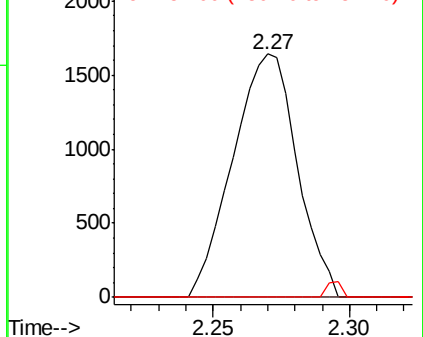
151 1.5 56.6 85.0#



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



#12

1,1-Dichloroethene

Concen: 0.699 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030674.D

Acq: 04 Apr 2019 10:11

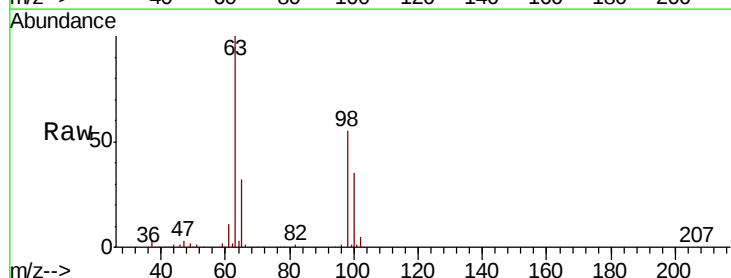
Tgt Ion: 96 Resp: 2585

Ion Ratio Lower Upper

96 100

61 1305.3 131.0 243.4#

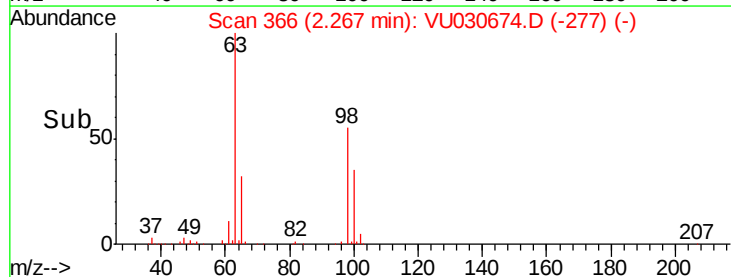
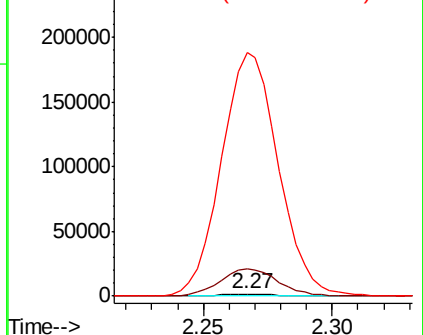
63 11694.9 92.4 171.6#

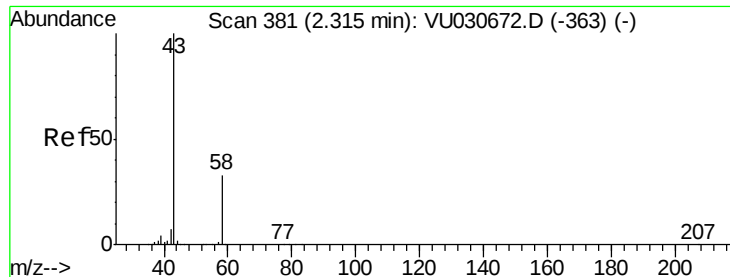


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.489 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030674.D

Acq: 04 Apr 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

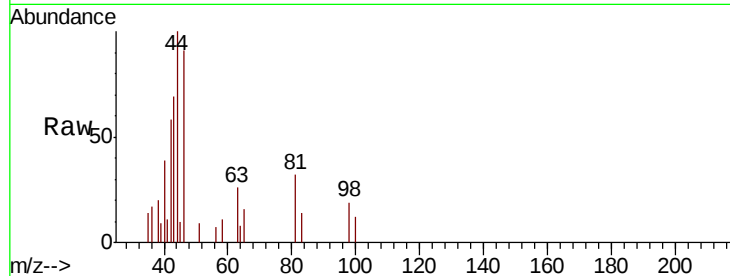
VBLK40

Tgt Ion: 43 Resp: 1935

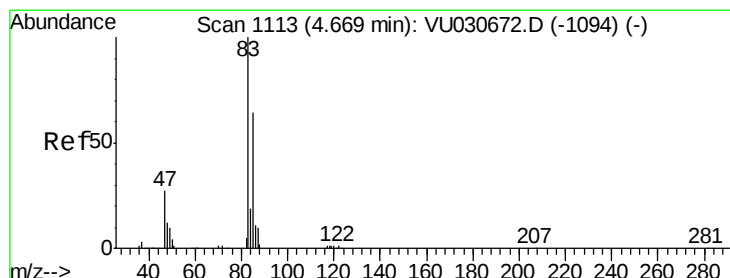
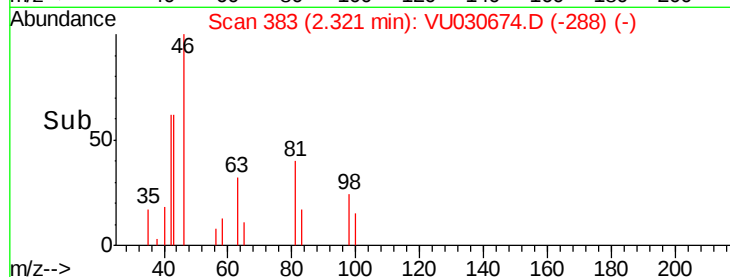
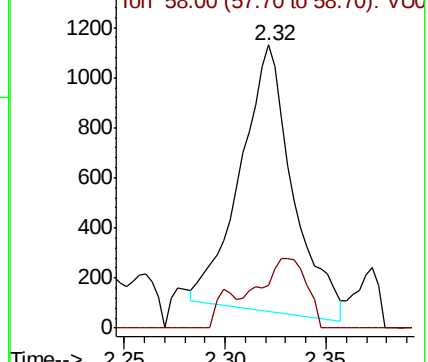
Ion Ratio Lower Upper

43 100

58 5.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030672.D (-363) (-)



#25

Chloroform

Concen: 2.274 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU030674.D

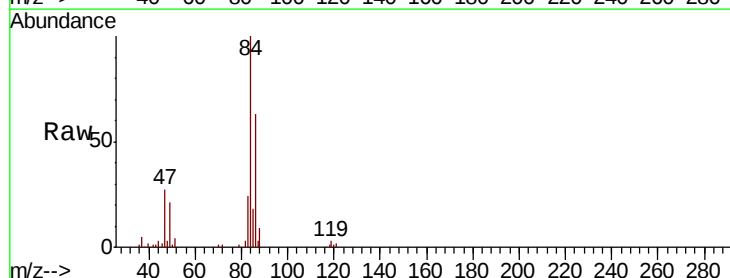
Acq: 04 Apr 2019 10:11

Tgt Ion: 83 Resp: 17216

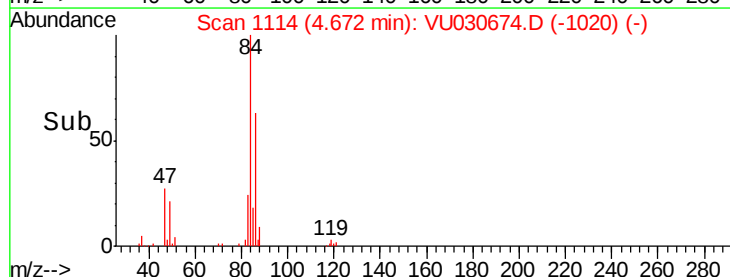
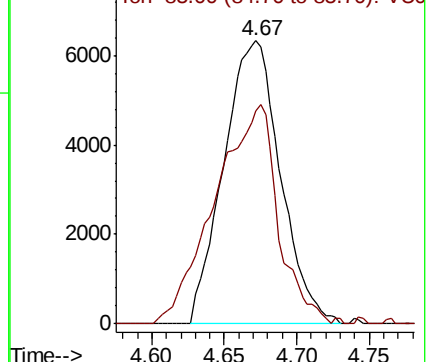
Ion Ratio Lower Upper

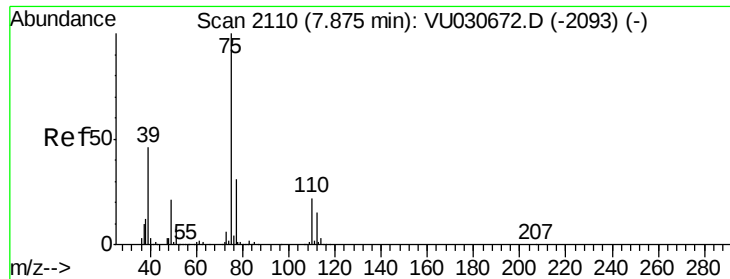
83 100

85 75.5 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030672.D (-1094) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.682 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030674.D

Acq: 04 Apr 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

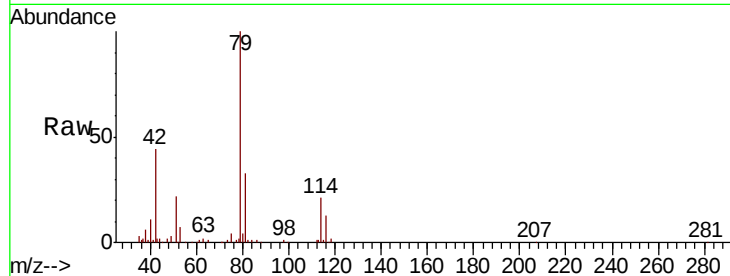
VBLK40

Tgt Ion: 75 Resp: 4208

Ion Ratio Lower Upper

75 100

77 35.3 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030672.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030672.D (-2093) (-)

7.85

2500

2000

1500

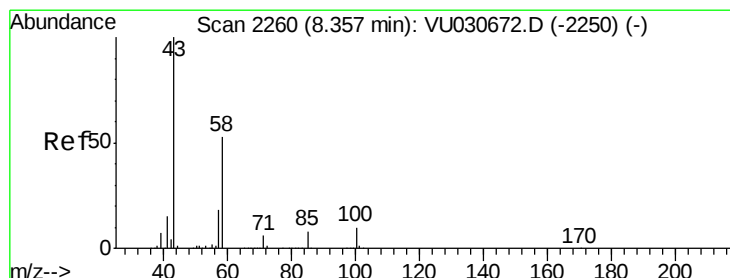
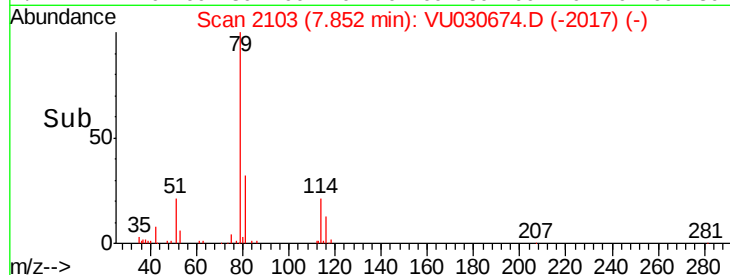
1000

500

0

7.80 7.85 7.90

Time-->



#48

2-Hexanone

Concen: 4.358 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030674.D

Acq: 04 Apr 2019 10:11

Tgt Ion: 43 Resp: 29294

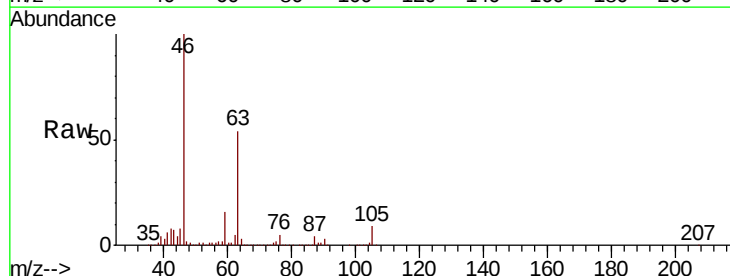
Ion Ratio Lower Upper

43 100

58 28.7 42.5 63.7#

57 26.3 15.0 22.6#

100 0.8 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VU030672.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU030672.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU030672.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU030672.D (-2250) (-)

8.31

25000

20000

15000

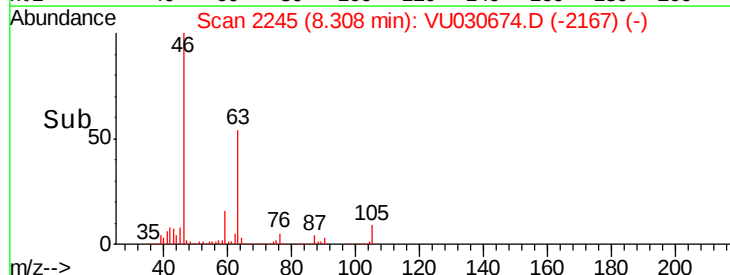
10000

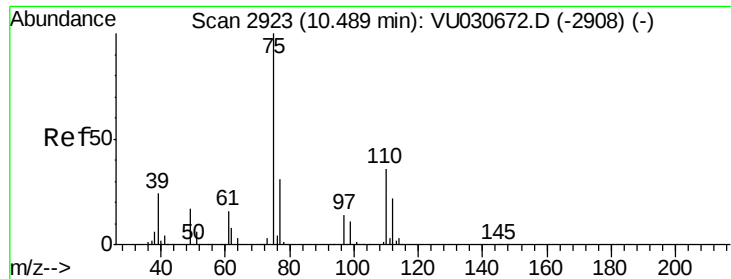
5000

0

8.25 8.30 8.35

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.731 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030674.D

Acq: 04 Apr 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK40

Tgt Ion: 75 Resp: 28112

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.2

