

Data File : VU030593.D
Acq On : 31 Mar 2019 16:25
Operator : JC/SP
Sample : K2149-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Apr 01 02:11:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 02:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	415128	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	406249	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152008	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	127415	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.24%
11) 1,1-Dichloroethene-d2	2.27	63	227410	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.76%
21) 2-Butanone-d5	4.18	46	294192	93.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.67%
24) Chloroform-d	4.65	84	275660	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
26) 1,2-Dichloroethane-d4	5.31	65	190409	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
32) Benzene-d6	5.34	84	572938	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
36) 1,2-Dichloropropane-d6	6.33	67	204549	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.64%
41) Toluene-d8	7.56	98	491729	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	88349	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.31	63	178702	82.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274585	48.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	167423	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

Target Compounds

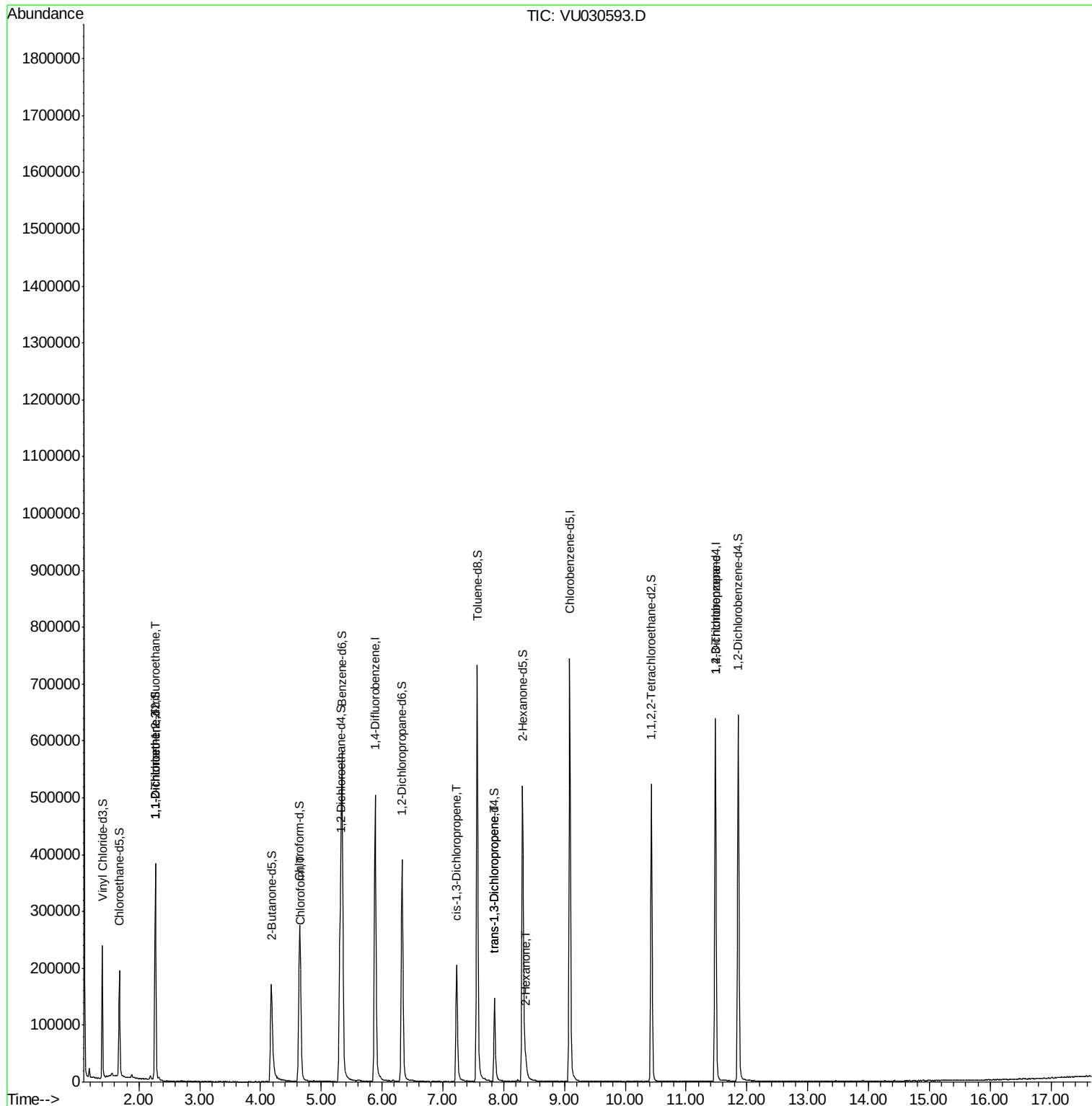
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2099	0.693 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1700	0.572 ug/L #	1
25) Chloroform	4.67	83	4708	0.775 ug/L	92
39) cis-1,3-Dichloropropene	7.23	75	4827	0.856 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	3349	0.675 ug/L #	78
48) 2-Hexanone	8.36	43	15616	2.890 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	20916	4.379 ug/L	92

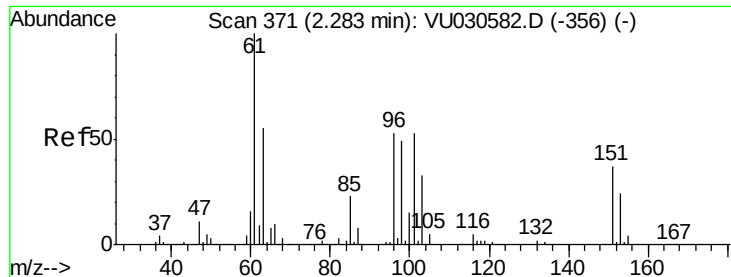
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.693 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

VHBLK01

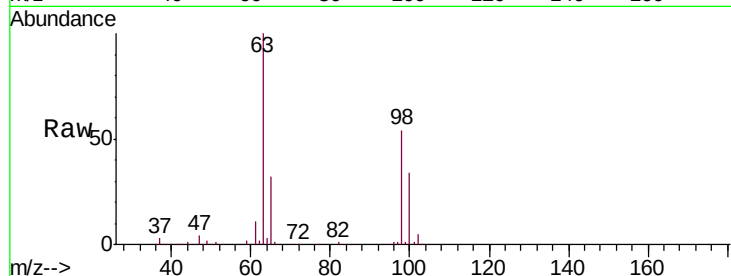
Tgt Ion: 101 Resp: 2099

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

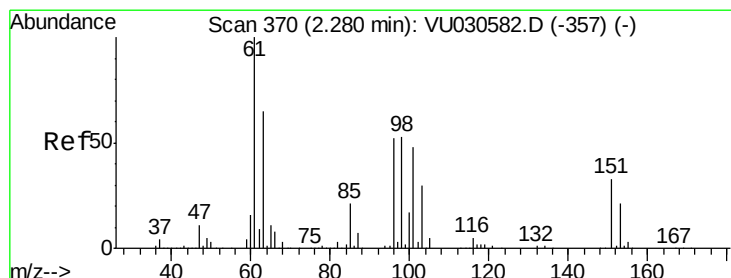
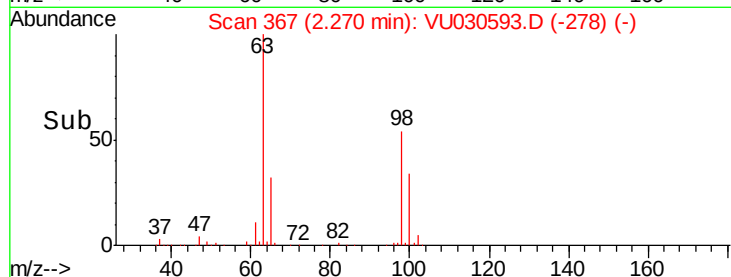
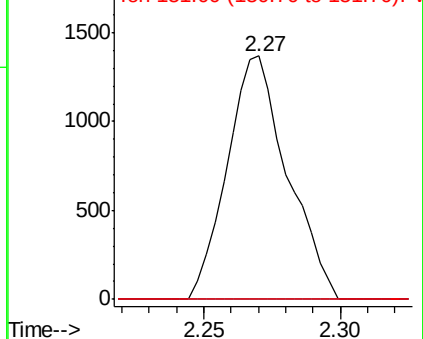
151 0.0 56.6 85.0#



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: 0.572 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030593.D

Acq: 31 Mar 2019 16:25

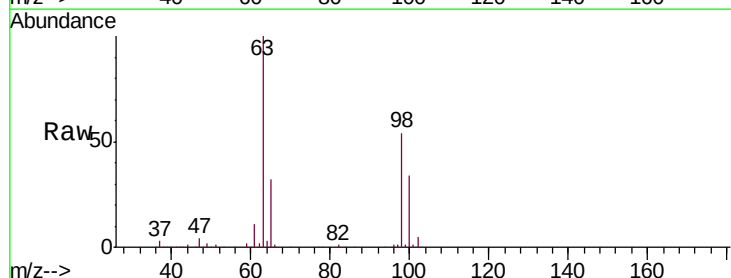
Tgt Ion: 96 Resp: 1700

Ion Ratio Lower Upper

96 100

61 1289.1 131.0 243.4#

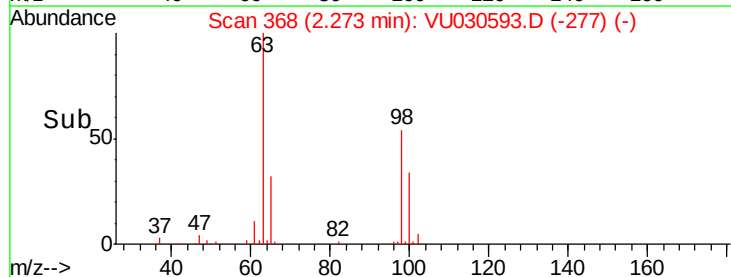
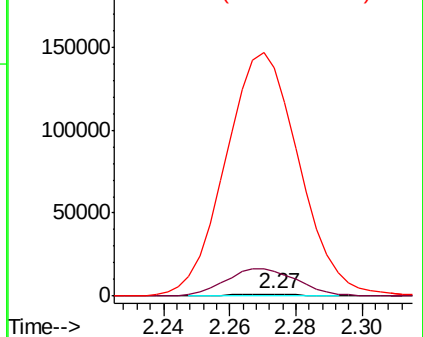
63 11806.5 92.4 171.6#

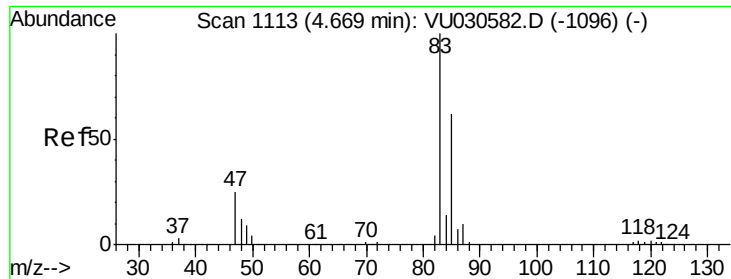


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

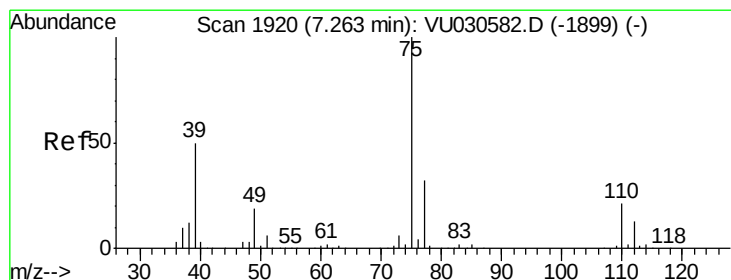
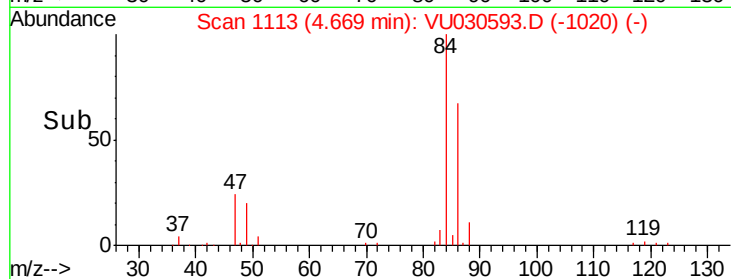
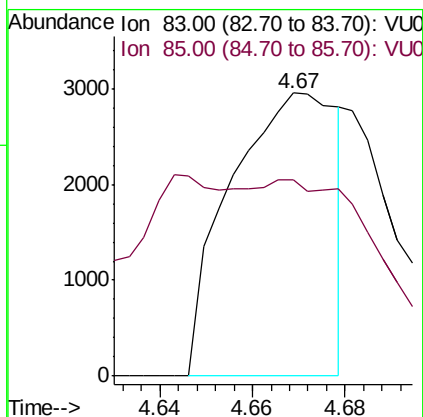
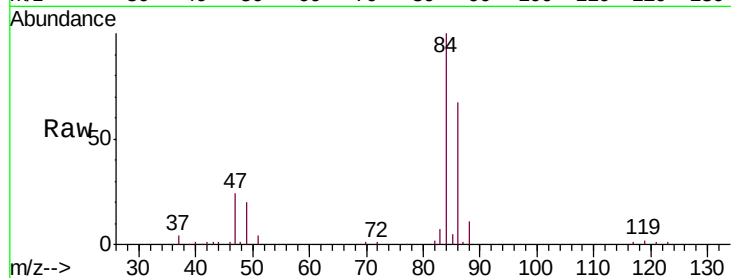




#25
Chloroform
Concen: 0.775 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030593.D
Acq: 31 Mar 2019 16:25

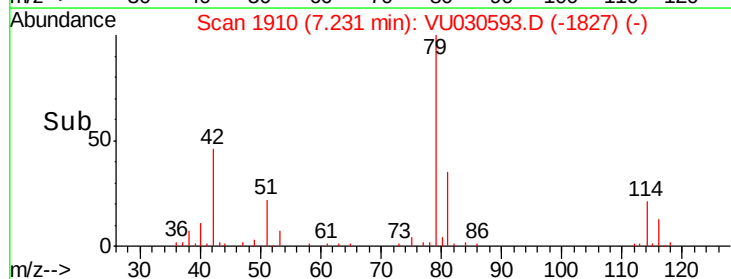
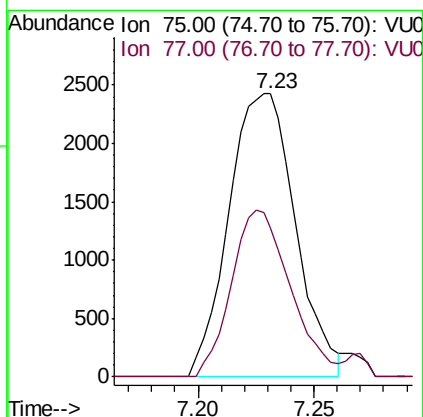
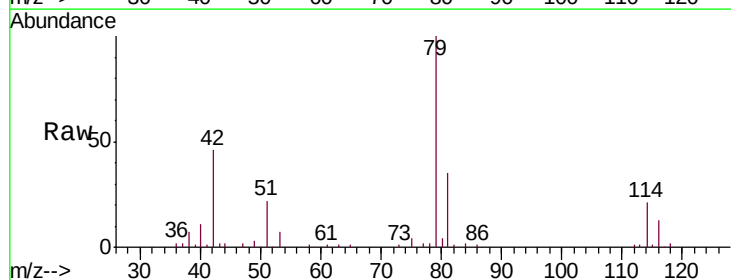
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

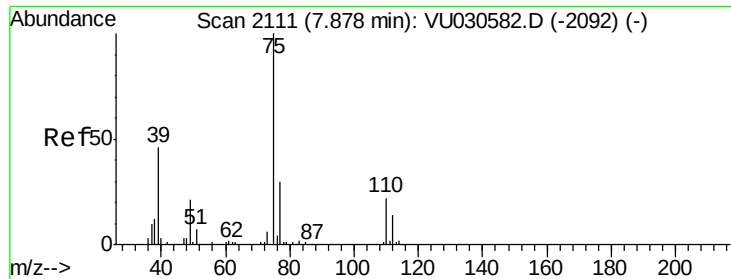
Tgt Ion: 83 Resp: 4708
Ion Ratio Lower Upper
83 100
85 69.3 44.4 82.4



#39
cis-1,3-Dichloropropene
Concen: 0.856 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.03 min
Lab File: VU030593.D
Acq: 31 Mar 2019 16:25

Tgt Ion: 75 Resp: 4827
Ion Ratio Lower Upper
75 100
77 52.8 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030593.D

Acq: 31 Mar 2019 16:25

Instrument :

MSVOA_U

ClientSampleId :

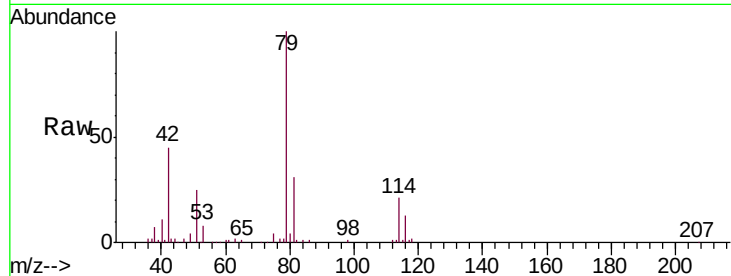
VHBLK01

Tgt Ion: 75 Resp: 3349

Ion Ratio Lower Upper

75 100

77 43.8 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU030582.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU030582.D (-2092) (-)

7.85

2000

1500

1000

500

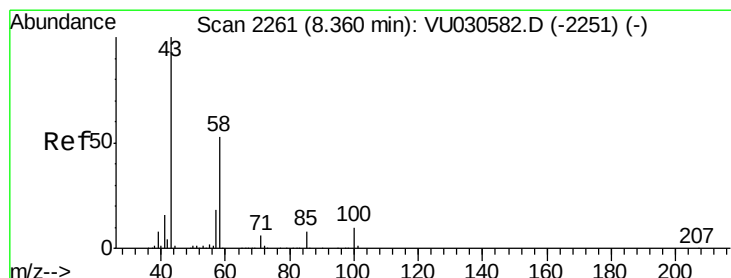
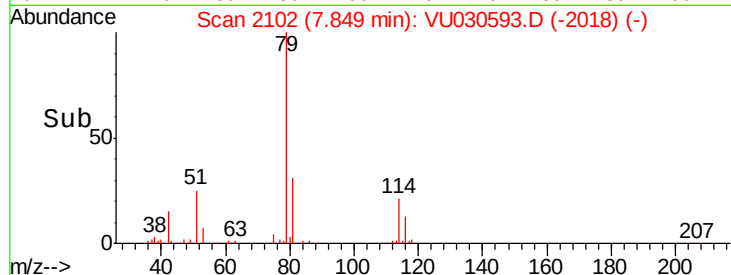
0

7.80

7.85

7.90

Time-->



#48

2-Hexanone

Concen: 2.890 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU030593.D

Acq: 31 Mar 2019 16:25

Tgt Ion: 43 Resp: 15616

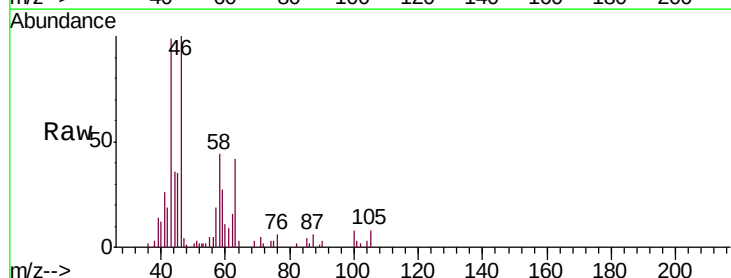
Ion Ratio Lower Upper

43 100

58 42.5 42.5 63.7

57 12.4 15.0 22.6#

100 4.4 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VU030582.D (-2251) (-)

Ion 58.00 (57.70 to 58.70): VU030582.D (-2251) (-)

Ion 57.00 (56.70 to 57.70): VU030582.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU030582.D (-2251) (-)

8.36

20000

15000

10000

5000

0

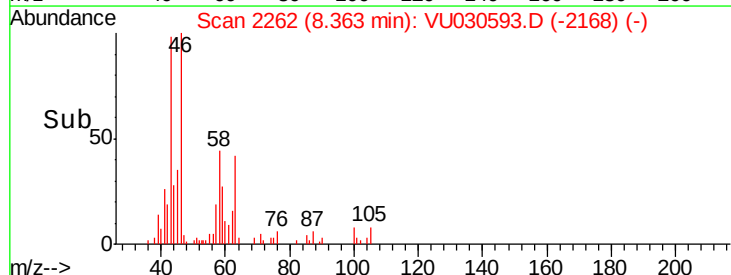
8.30

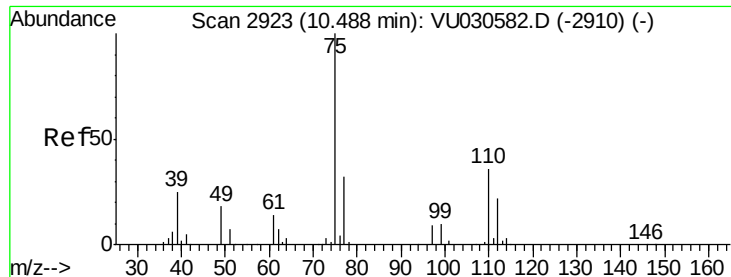
8.35

8.40

8.45

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.379 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030593.D

Acq: 31 Mar 2019 16:25

Instrument :

MSVOA_U

ClientSampleId :

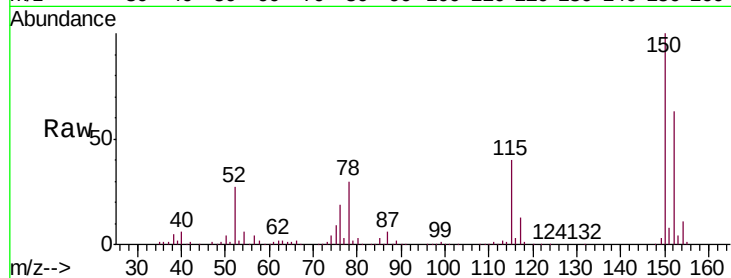
VHBLK01

Tgt Ion: 75 Resp: 20916

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

