

Data File : VU029615.D
Acq On : 22 Feb 2019 13:02
Operator : JC/SP
Sample : K1543-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y3

Quant Time: Feb 22 22:18:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	484491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	470926	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	226772	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149735	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.68	69	132683	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.27	63	205003	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
21) 2-Butanone-d5	4.17	46	256221	118.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.60%
24) Chloroform-d	4.65	84	272128	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.31	65	176542	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
32) Benzene-d6	5.34	84	584719	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.33	67	181787	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.98%
41) Toluene-d8	7.56	98	556266	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.85	79	82327	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
47) 2-Hexanone-d5	8.31	63	232544	117.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288768	47.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	235113	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%

Target Compounds

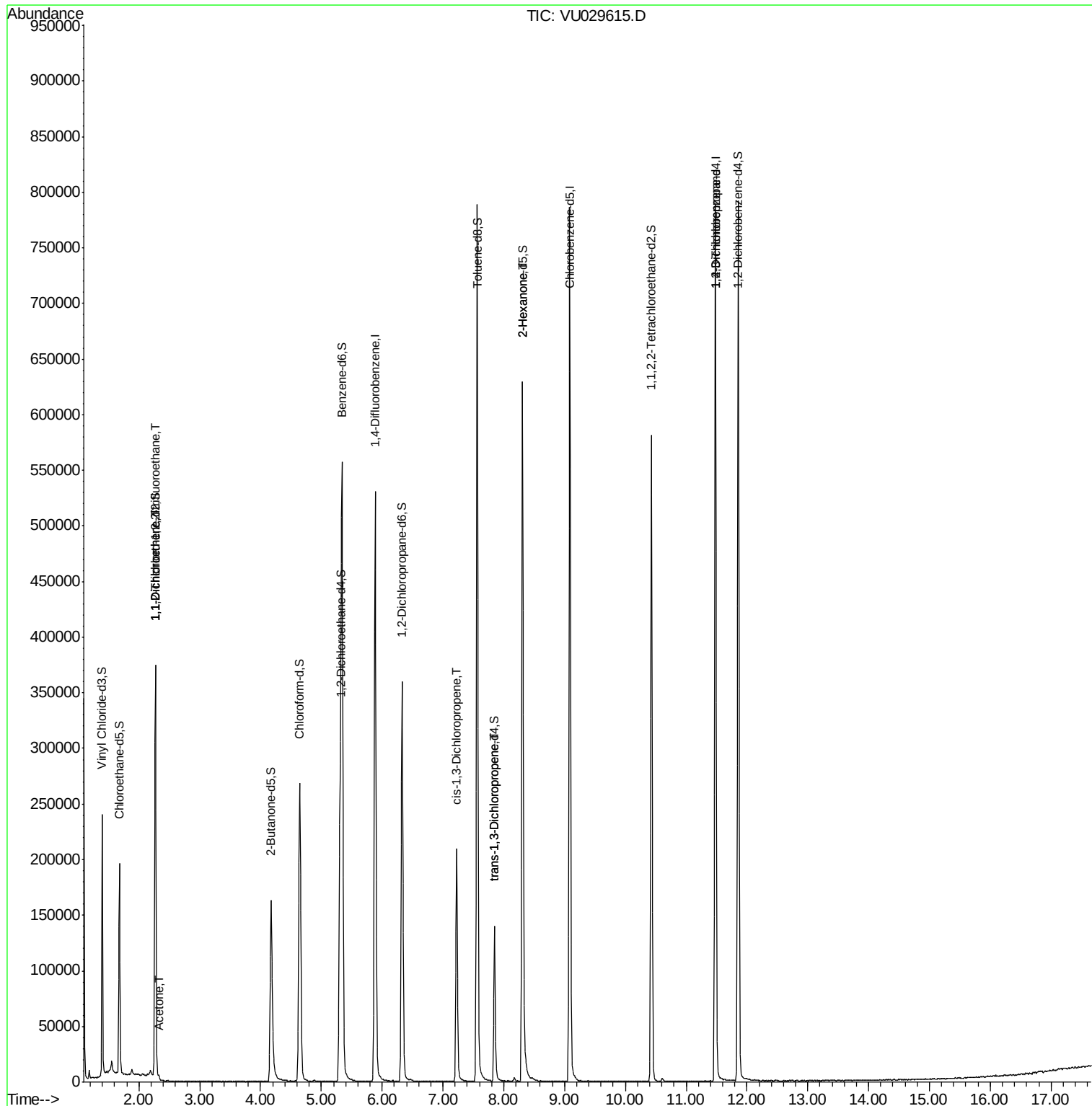
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2200	0.652	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1945	0.606	ug/L #	1
13) Acetone	2.32	43	1858	0.805	ug/L	85
39) cis-1,3-Dichloropropene	7.22	75	4675	0.914	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	3347	0.695	ug/L	86
48) 2-Hexanone	8.31	43	24296	6.240	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	22613	5.004	ug/L	89

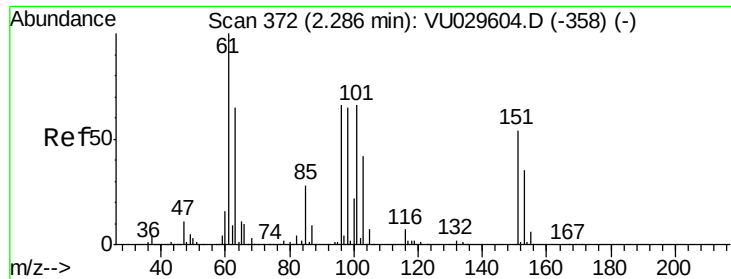
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.652 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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BF5Y3

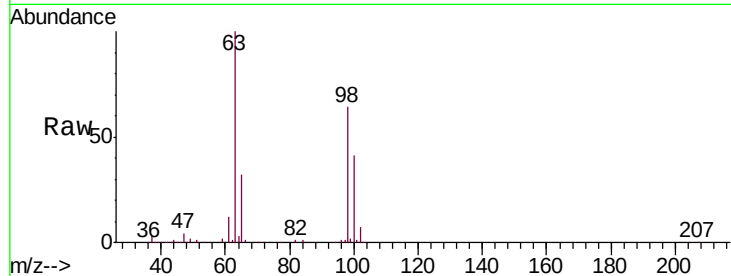
Tgt Ion: 101 Resp: 2200

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

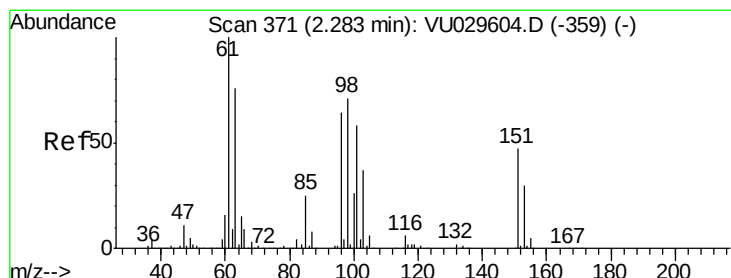
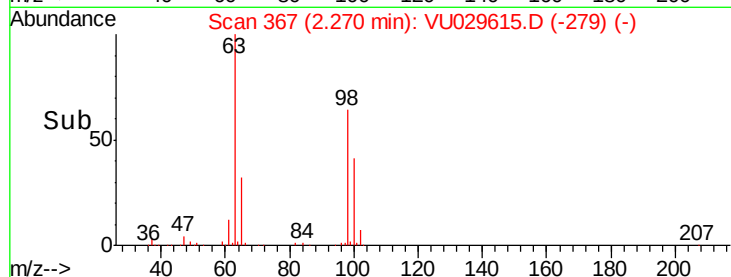
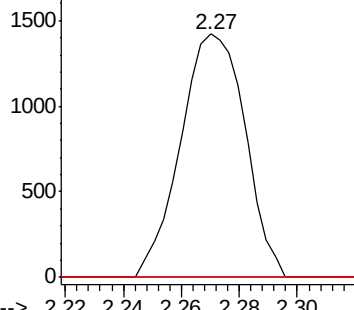
151 0.0 65.7 98.5#



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: 0.606 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029615.D

Acq: 22 Feb 2019 13:02

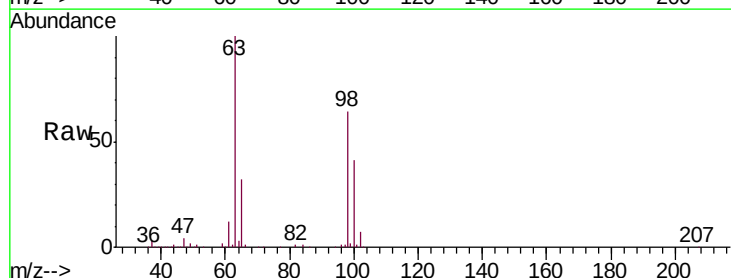
Tgt Ion: 96 Resp: 1945

Ion Ratio Lower Upper

96 100

61 1244.8 114.0 211.8#

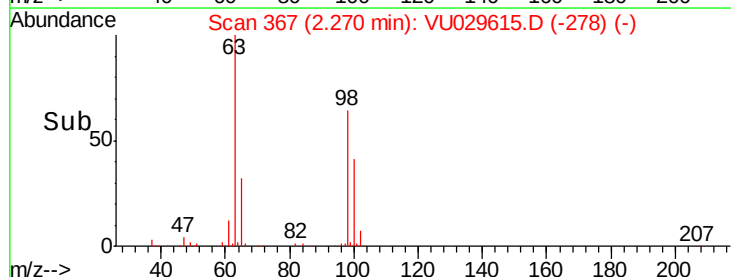
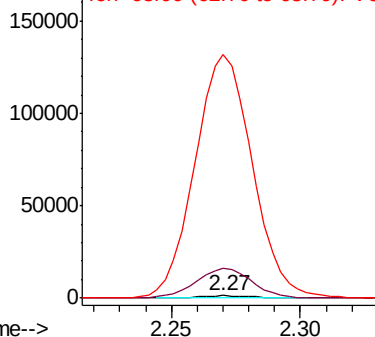
63 10295.0 98.7 183.3#

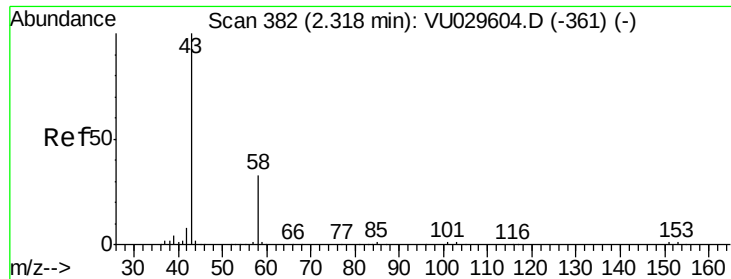


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.805 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029615.D

Acq: 22 Feb 2019 13:02

Instrument :

MSVOA_U

ClientSampleId :

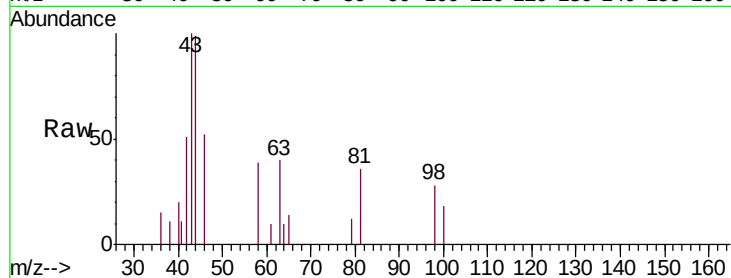
BF5Y3

Tgt Ion: 43 Resp: 1858

Ion Ratio Lower Upper

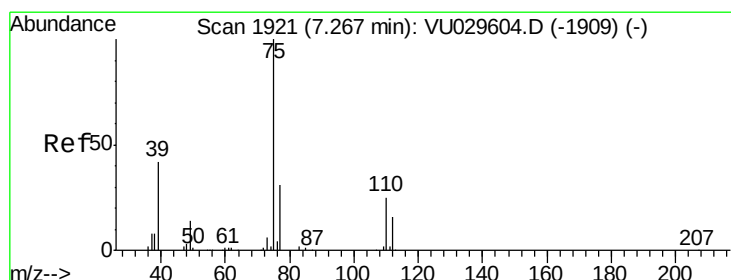
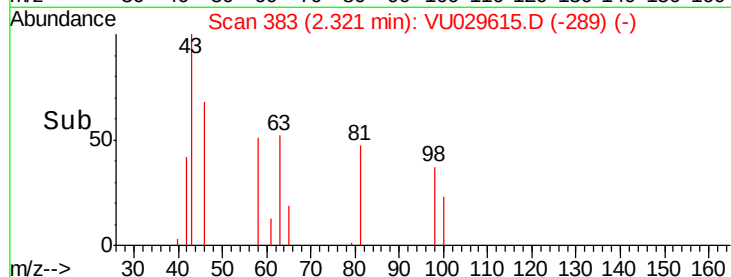
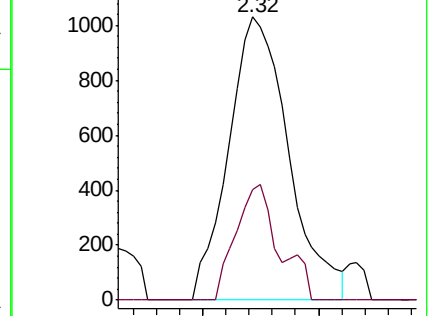
43 100

58 24.8 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 0.914 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029615.D

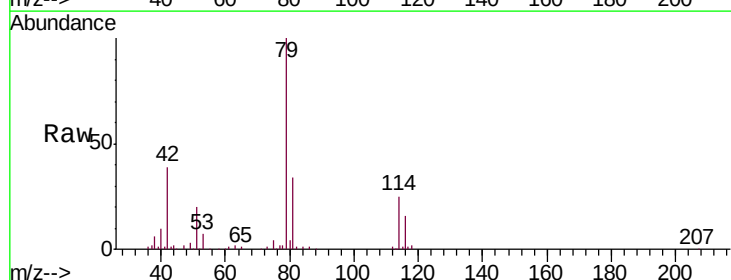
Acq: 22 Feb 2019 13:02

Tgt Ion: 75 Resp: 4675

Ion Ratio Lower Upper

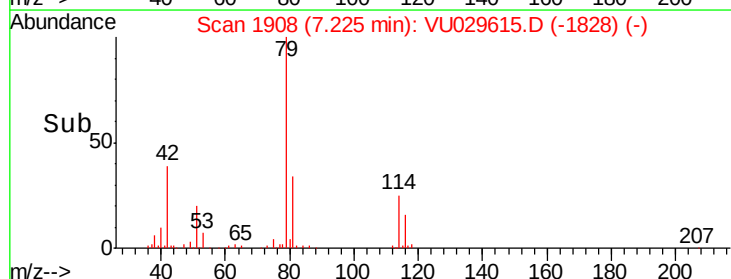
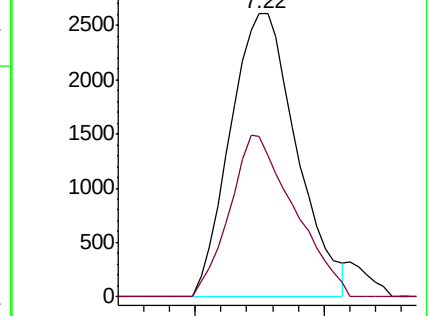
75 100

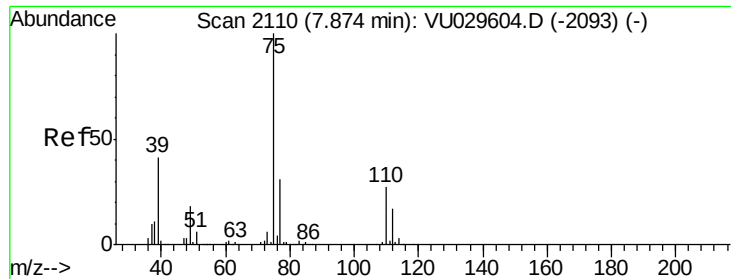
77 56.8 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.695 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029615.D

Acq: 22 Feb 2019 13:02

Instrument :

MSVOA_U

ClientSampleId :

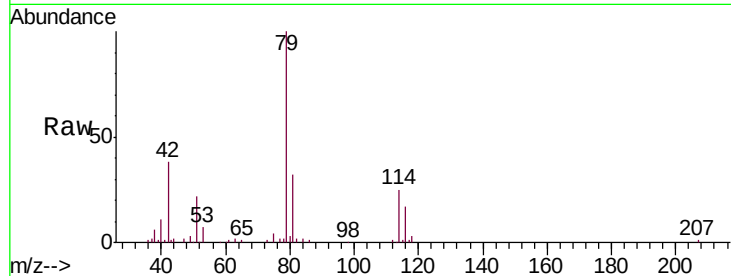
BF5Y3

Tgt Ion: 75 Resp: 3347

Ion Ratio Lower Upper

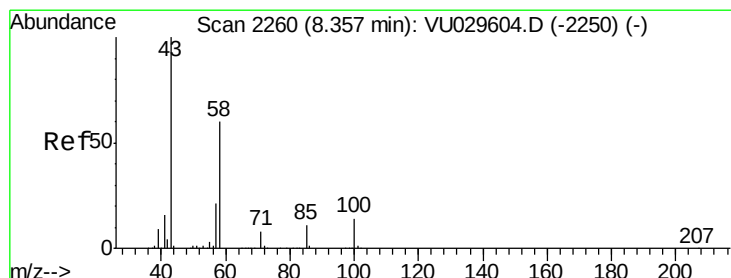
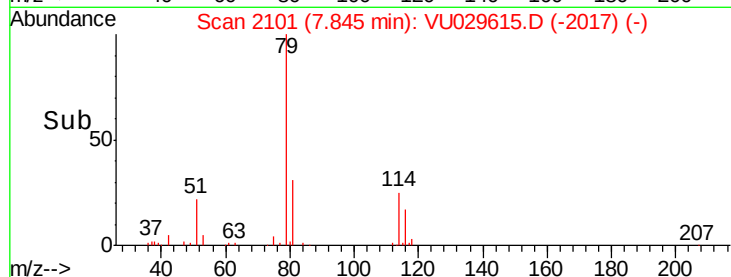
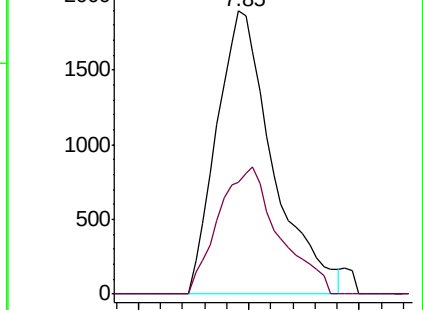
75 100

77 39.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU029615.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU029615.D (-2101) (-)



#48

2-Hexanone

Concen: 6.240 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029615.D

Acq: 22 Feb 2019 13:02

Tgt Ion: 43 Resp: 24296

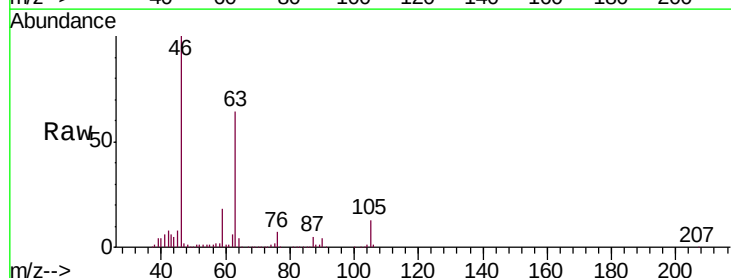
Ion Ratio Lower Upper

43 100

58 33.3 46.4 69.6#

57 25.0 15.7 23.5#

100 0.4 10.9 16.3#

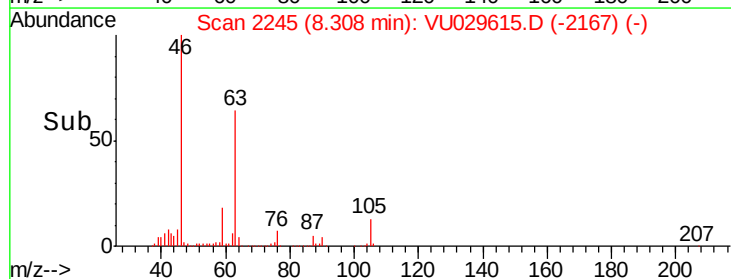
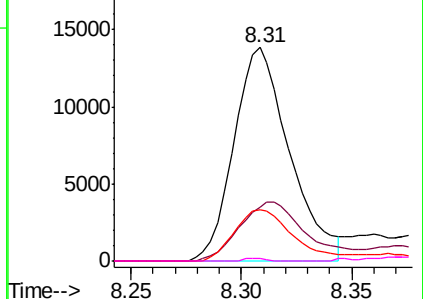


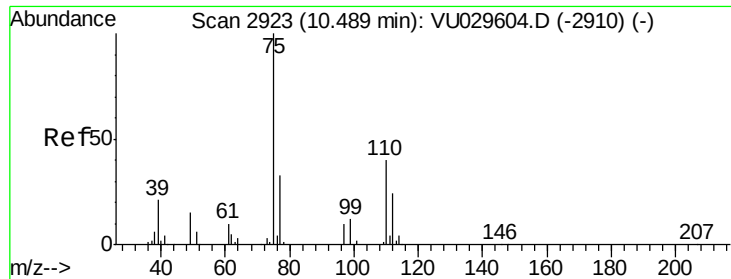
Abundance Ion 43.00 (42.70 to 43.70): VU029615.D (-2245) (-)

Ion 58.00 (57.70 to 58.70): VU029615.D (-2245) (-)

Ion 57.00 (56.70 to 57.70): VU029615.D (-2245) (-)

Ion 100.00 (99.70 to 100.70): VU029615.D (-2245) (-)





#59

1,2,3-Trichloropropane

Concen: 5.004 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029615.D

Acq: 22 Feb 2019 13:02

Instrument :

MSVOA_U

ClientSampleId :

BF5Y3

Tgt Ion: 75 Resp: 22613

Ion Ratio Lower Upper

75 100

77 38.0 25.7 38.5

