

Data File : VU029993.D
Acq On : 12 Mar 2019 02:07
Operator : JC/SP
Sample : K1796-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Q8

Quant Time: Mar 12 07:11:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510188	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	490827	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236097	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	175191	51.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.82%
7) Chloroethane-d5	1.68	69	140455	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.12%
11) 1,1-Dichloroethene-d2	2.27	63	232739	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.42%
21) 2-Butanone-d5	4.17	46	253332	100.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.19%
24) Chloroform-d	4.65	84	298537	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	5.31	65	180540	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
32) Benzene-d6	5.34	84	657569	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
36) 1,2-Dichloropropane-d6	6.33	67	199493	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.18%
41) Toluene-d8	7.56	98	601873	50.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.74%
43) trans-1,3-Dichloropropene-	7.85	79	87587	46.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.52%
47) 2-Hexanone-d5	8.31	63	215807	99.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287198	48.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	236988	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2496	0.745 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2047	0.640 ug/L #	1
13) Acetone	2.32	43	10434	3.529 ug/L	99
35) Methylcyclohexane	6.33	83	46841	7.847 ug/L #	21
39) cis-1,3-Dichloropropene	7.22	75	5191	0.903 ug/L #	45
44) trans-1,3-Dichloropropene	7.85	75	3507	0.668 ug/L #	71
48) 2-Hexanone	8.31	43	20523	4.823 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	23697	4.925 ug/L	95

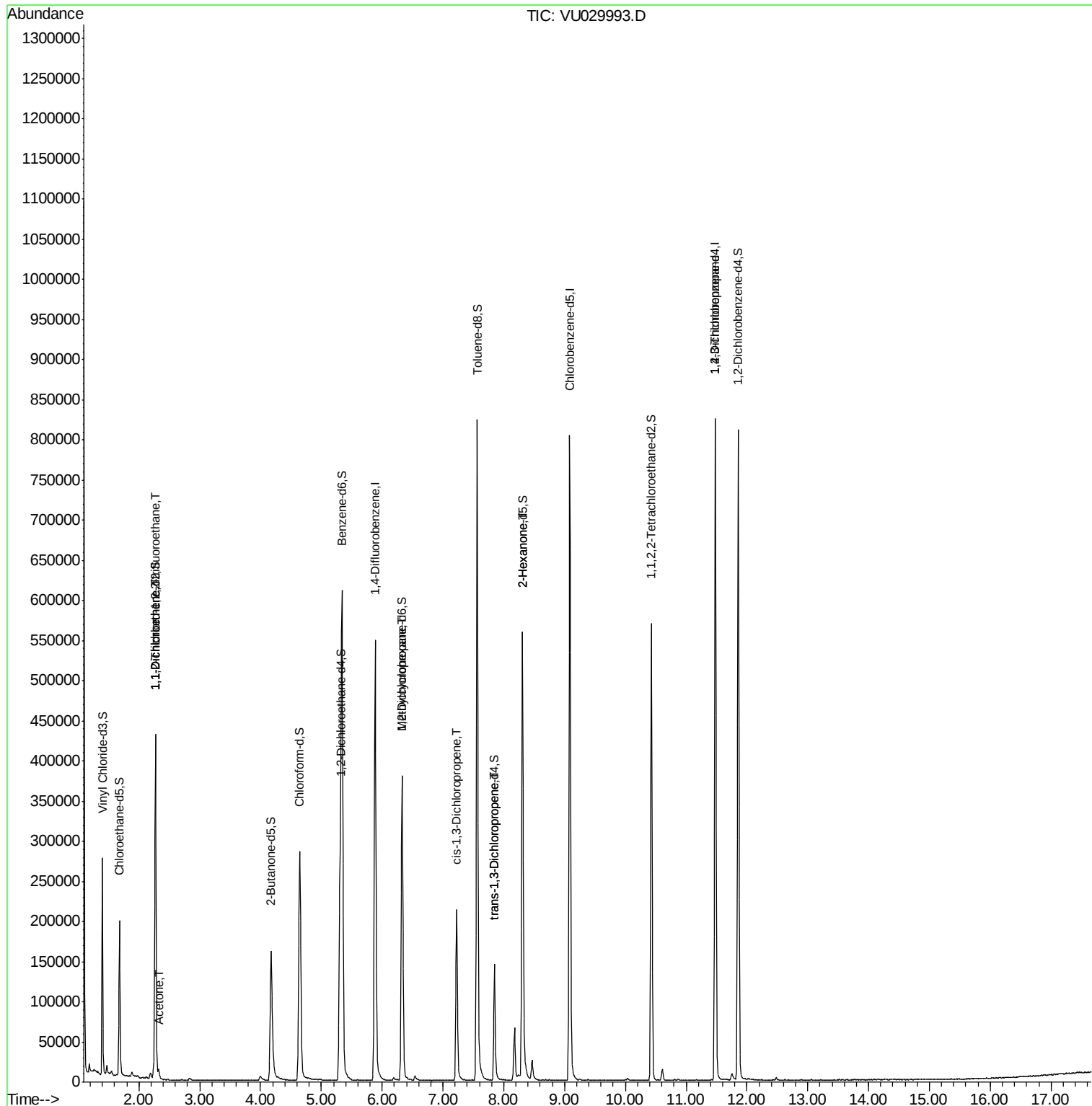
(#) = qualifier out of range (m) = manual integration (+) = signals summed

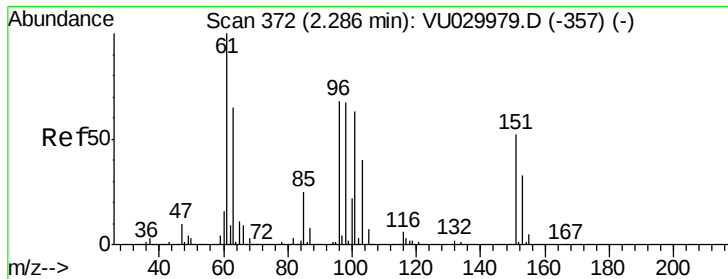
Data File : VU029993.D

```
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#10

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

Concen: 0.745 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029993.D

Acq: 12 Mar 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

BF5Q8

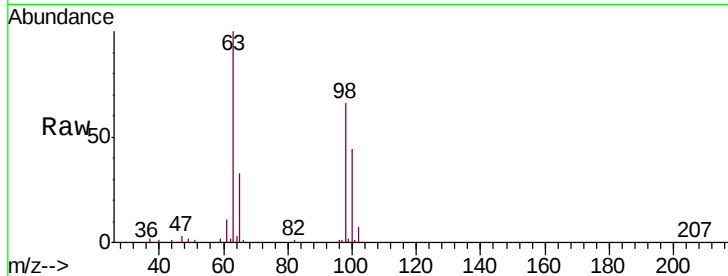
Tgt Ion: 101 Resp: 2496

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 4.4 66.1 99.1#

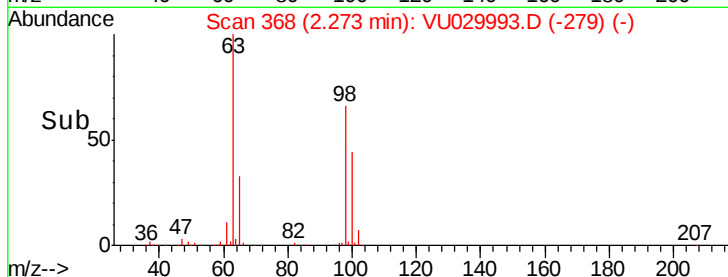


Abundance Ion 101.00 (100.70 to 101.70): V

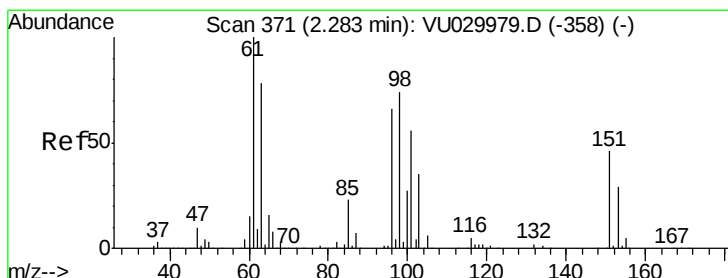
Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.27



Time-->



#12

1,1-Dichloroethene

Concen: 0.640 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029993.D

Acq: 12 Mar 2019 02:07

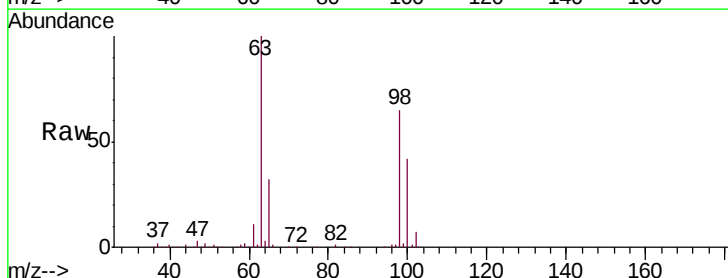
Tgt Ion: 96 Resp: 2047

Ion Ratio Lower Upper

96 100

61 1214.5 110.4 205.0#

63 10893.0 86.5 160.7#

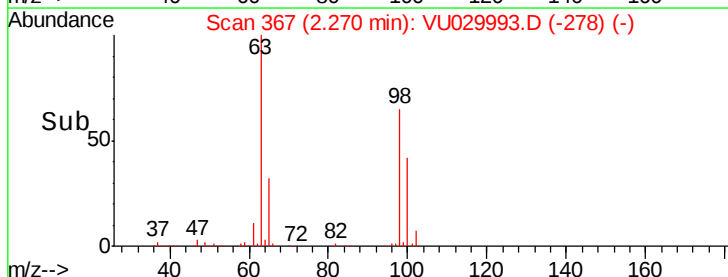


Abundance Ion 96.00 (95.70 to 96.70): VU0

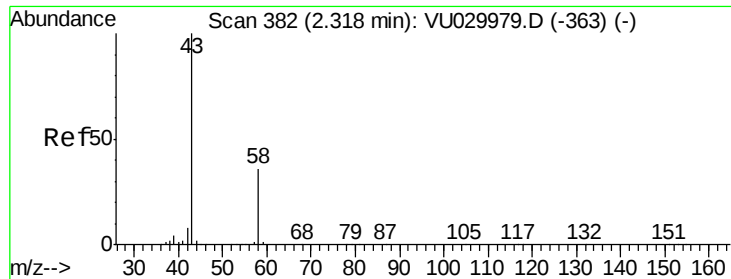
Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

2.27



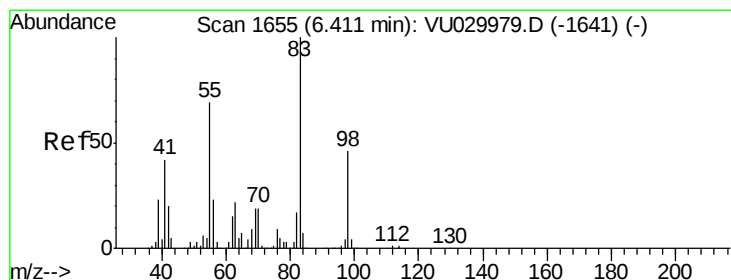
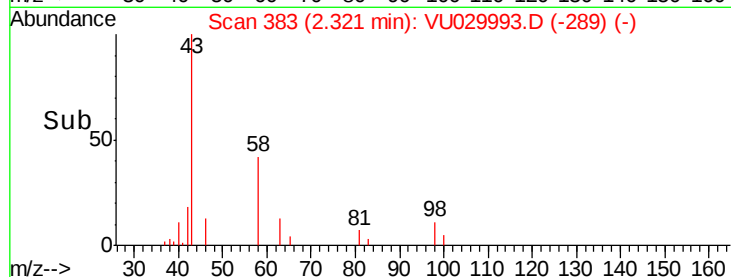
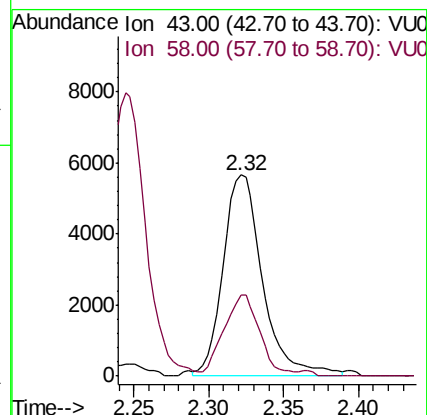
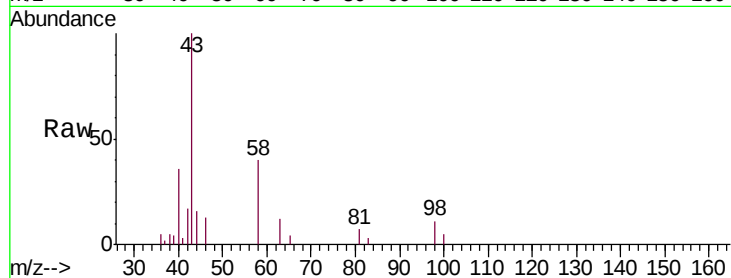
Time-->



#13
Acetone
Concen: 3.529 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029993.D
Acq: 12 Mar 2019 02:07

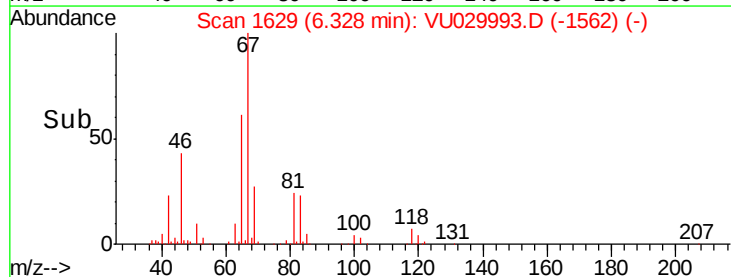
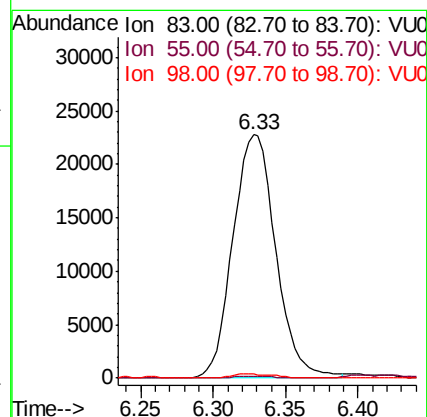
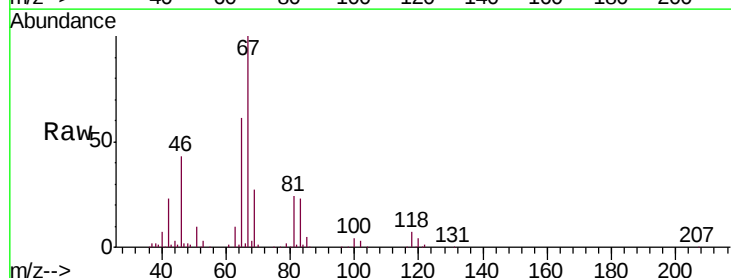
Instrument :
MSVOA_U
ClientSampleId :
BF5Q8

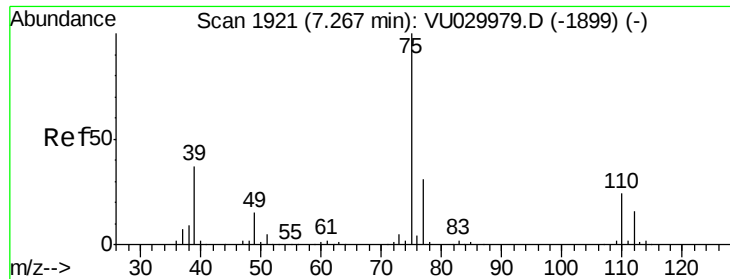
Tgt Ion: 43 Resp: 10434
Ion Ratio Lower Upper
43 100
58 36.9 0.0 73.0



#35
Methylcyclohexane
Concen: 7.847 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029993.D
Acq: 12 Mar 2019 02:07

Tgt Ion: 83 Resp: 46841
Ion Ratio Lower Upper
83 100
55 0.5 56.6 84.8#
98 1.1 37.8 56.6#

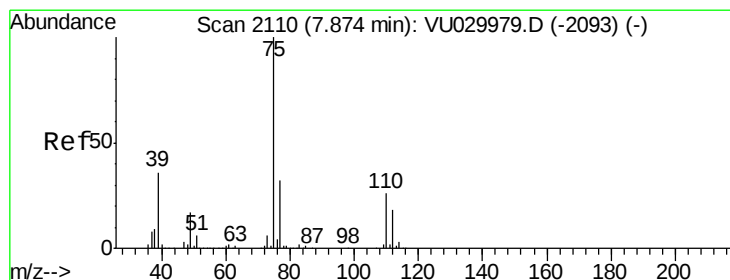
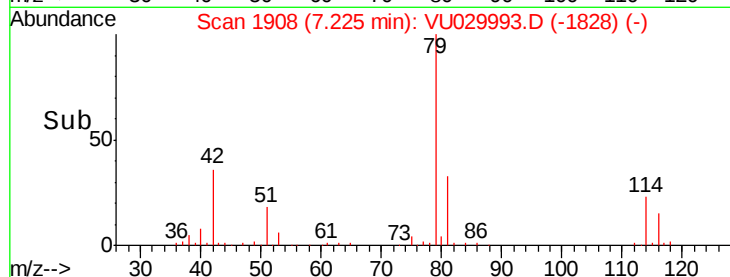
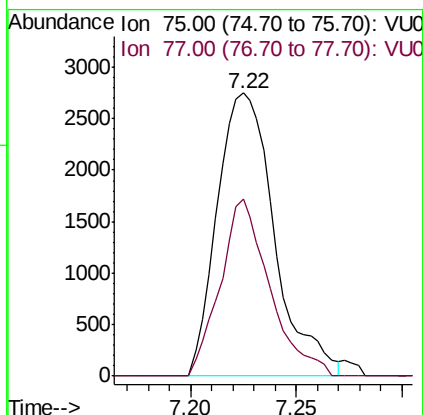
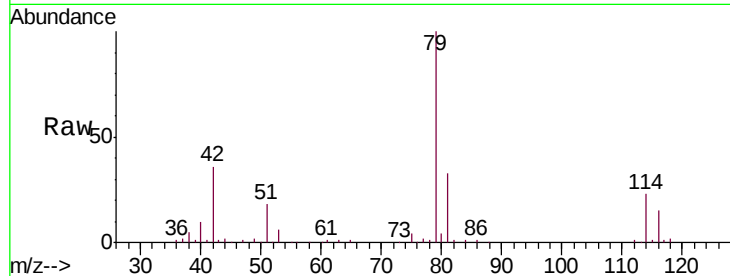




#39
 cis-1,3-Dichloropropene
 Concen: 0.903 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029993.D
 Acq: 12 Mar 2019 02:07

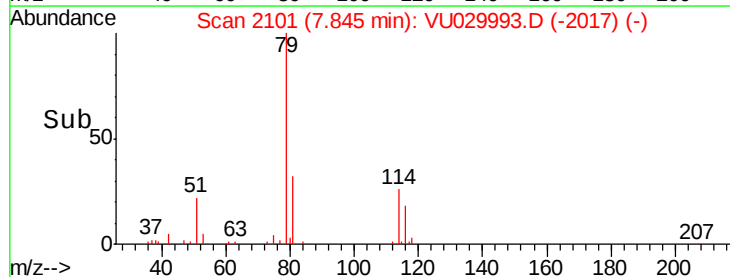
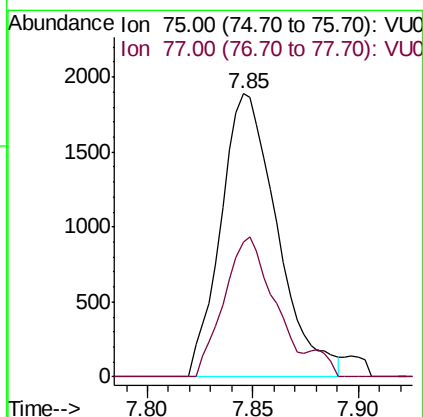
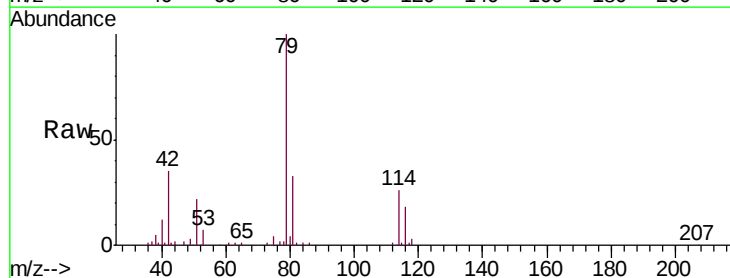
Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q8

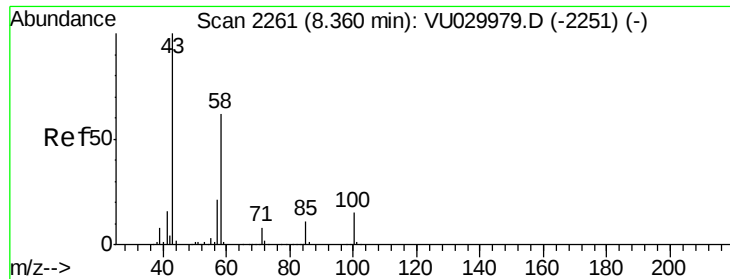
Tgt Ion: 75 Resp: 5191
 Ion Ratio Lower Upper
 75 100
 77 62.4 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.668 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029993.D
 Acq: 12 Mar 2019 02:07

Tgt Ion: 75 Resp: 3507
 Ion Ratio Lower Upper
 75 100
 77 47.6 21.9 40.7#





#48

2-Hexanone

Concen: 4.823 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU029993.D

Acq: 12 Mar 2019 02:07

Instrument :

MSVOA_U

ClientSampleId :

BF5Q8

Tgt Ion: 43 Resp: 20523

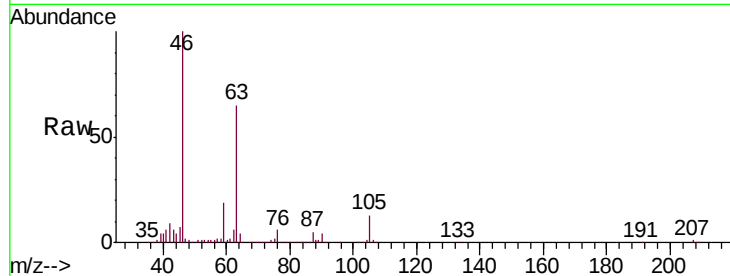
Ion Ratio Lower Upper

43 100

58 32.5 48.6 72.8#

57 29.2 16.1 24.1#

100 0.2 11.6 17.4#

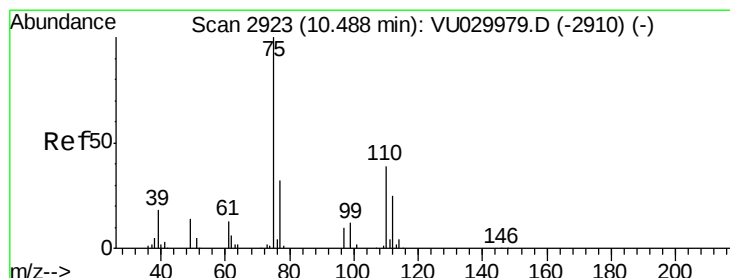
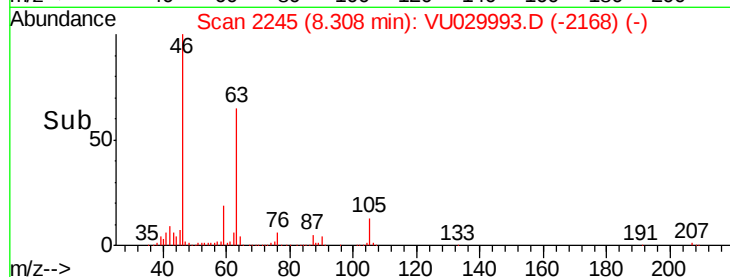
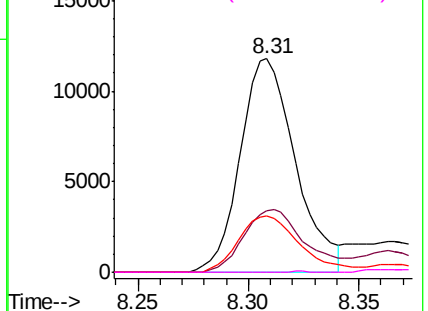


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.925 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029993.D

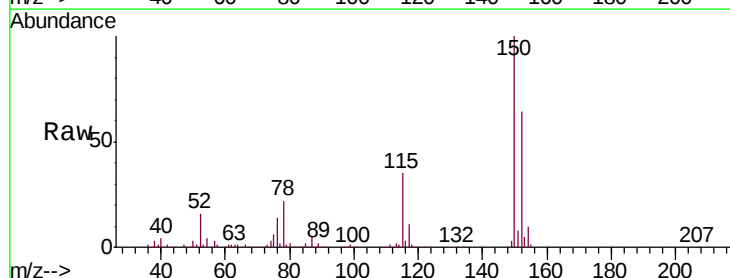
Acq: 12 Mar 2019 02:07

Tgt Ion: 75 Resp: 23697

Ion Ratio Lower Upper

75 100

77 35.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

