

Data File : VU029991.D
Acq On : 12 Mar 2019 01:20
Operator : JC/SP
Sample : K1763-05DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0960DL

Quant Time: Mar 12 07:11:37 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	536969	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	513524	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249776	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	182401	51.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.70%
7) Chloroethane-d5	1.68	69	149726	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.44%
11) 1,1-Dichloroethene-d2	2.27	63	243834	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.06%
21) 2-Butanone-d5	4.17	46	257487	96.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	4.64	84	312140	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.31	65	188380	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
32) Benzene-d6	5.34	84	690530	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
36) 1,2-Dichloropropane-d6	6.33	67	206869	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.26%
41) Toluene-d8	7.56	98	637672	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%
43) trans-1,3-Dichloropropene-	7.85	79	93655	47.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.58%
47) 2-Hexanone-d5	8.31	63	225572	99.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301910	48.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	254714	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2627	0.745 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2852	0.847 ug/L #	1
13) Acetone	2.33	43	1793	0.576 ug/L	93
16) Methylene chloride	2.70	84	58190	14.642 ug/L	99
25) Chloroform	4.68	83	11637	1.762 ug/L	88
34) Trichloroethene	6.18	95	94990	24.664 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3759	0.684 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	25300	5.026 ug/L	96

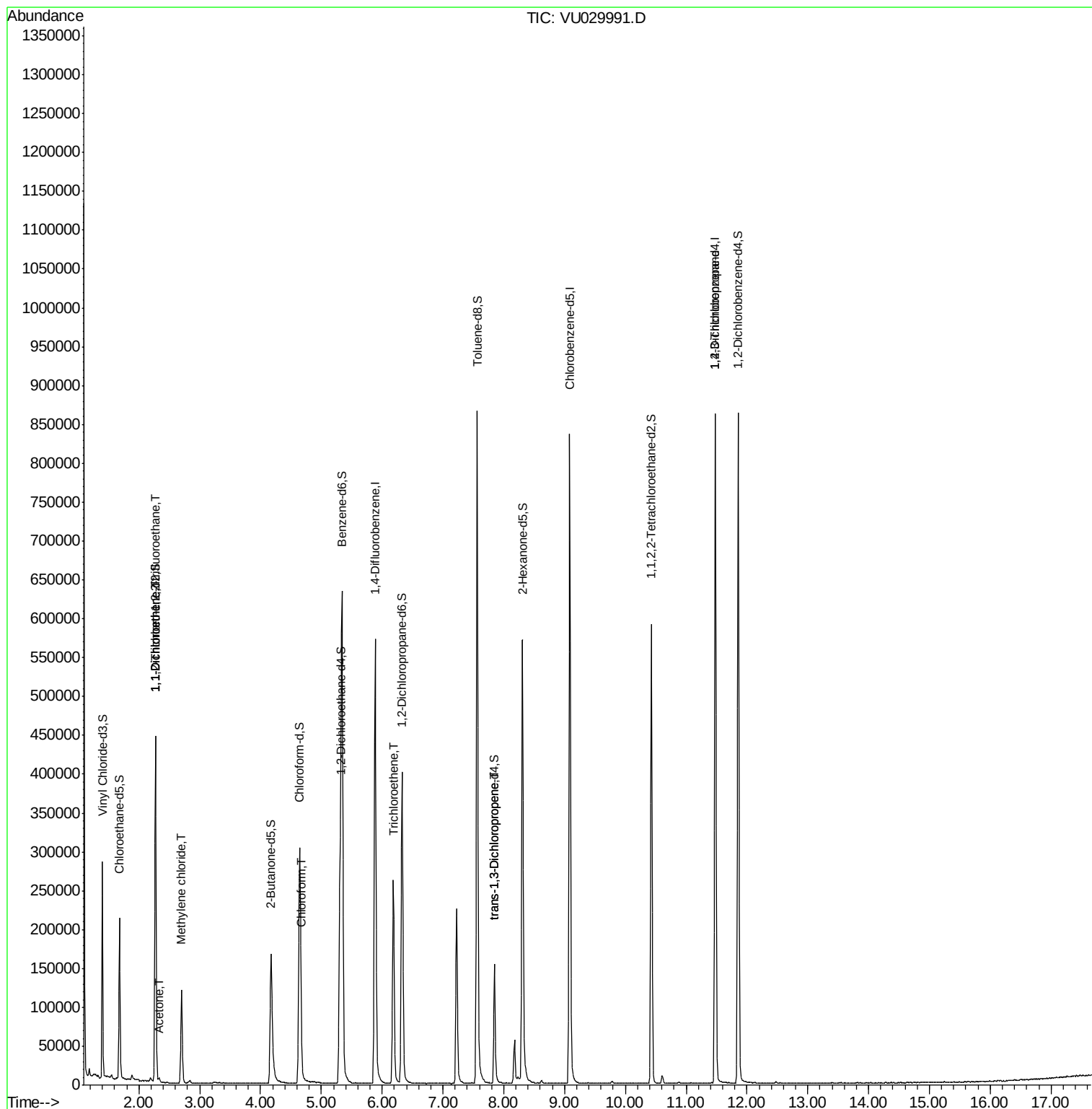
(#) = qualifier out of range (m) = manual integration (+) = signals summed

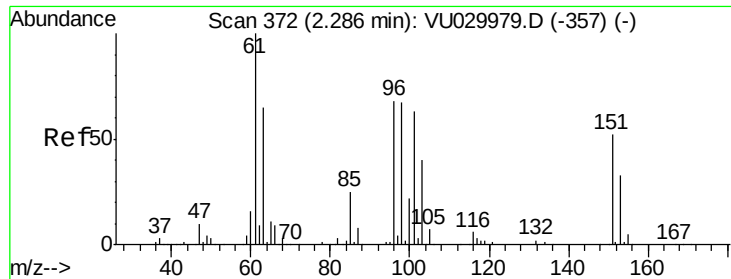
Data File : VU029991.D

```
Acq On       : 12 Mar 2019   01:20
Operator    : JC/SP
Sample      : K1763-05DL 100X
Misc        : 5.0mL/MSVOA_U/WATER
ALS Vial    : 21   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
C0960DL

Quant Time: Mar 12 07:11:37 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





#10

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

Concen: 0.745 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029991.D

Acq: 12 Mar 2019 01:20

Instrument :

MSVOA_U

ClientSampleId :

C0960DL

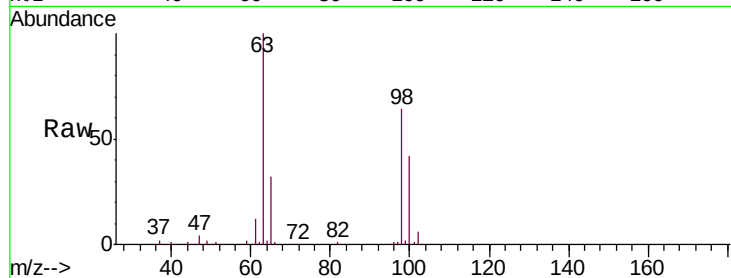
Tgt Ion: 101 Resp: 2627

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

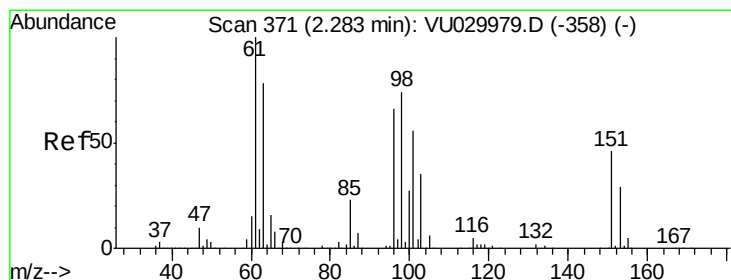
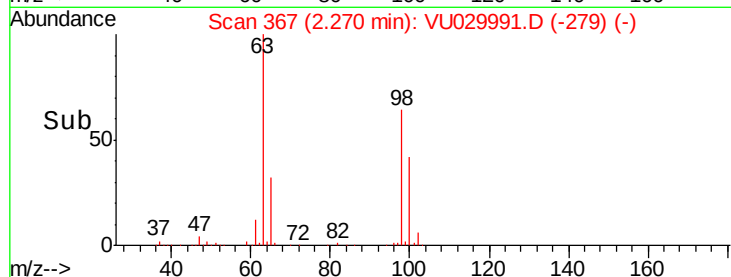
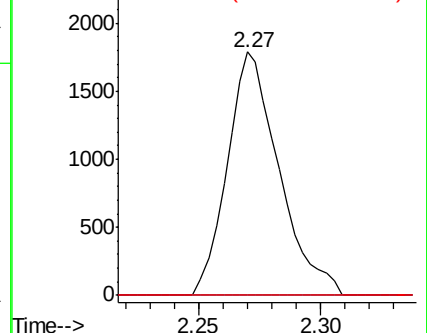
151 0.0 66.1 99.1#



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



#12

1,1-Dichloroethene

Concen: 0.847 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029991.D

Acq: 12 Mar 2019 01:20

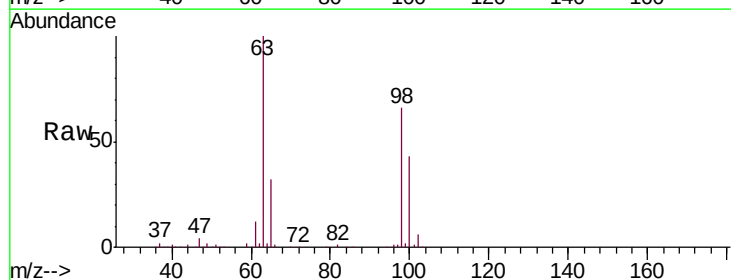
Tgt Ion: 96 Resp: 2852

Ion Ratio Lower Upper

96 100

61 1076.2 110.4 205.0#

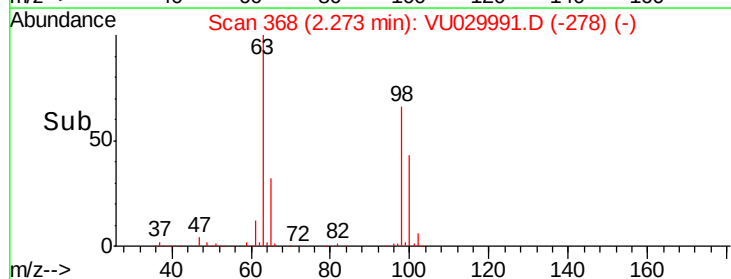
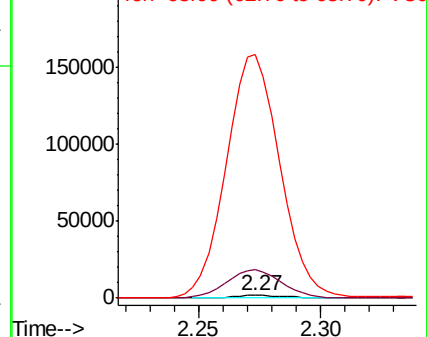
63 9221.2 86.5 160.7#

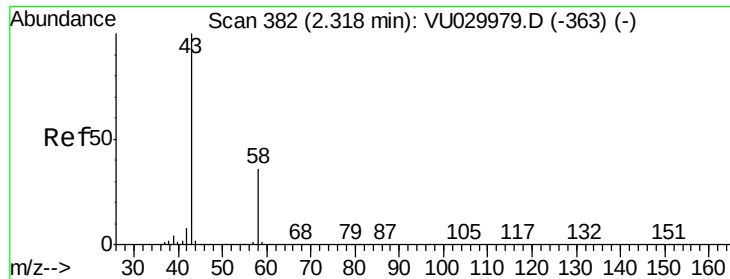


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.576 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU029991.D

Acq: 12 Mar 2019 01:20

Instrument :

MSVOA_U

ClientSampled :

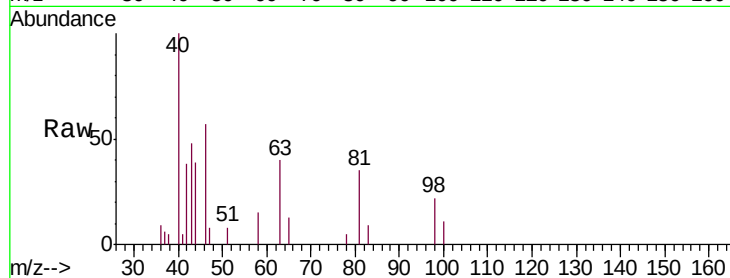
C0960DL

Tgt Ion: 43 Resp: 1793

Ion Ratio Lower Upper

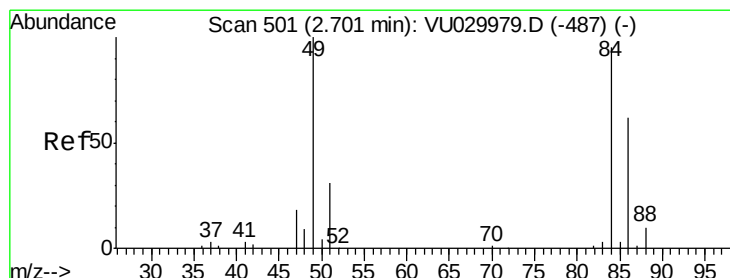
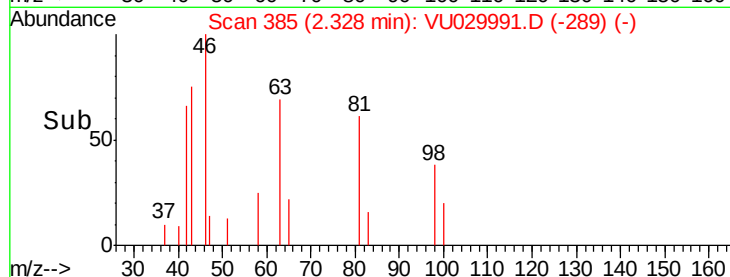
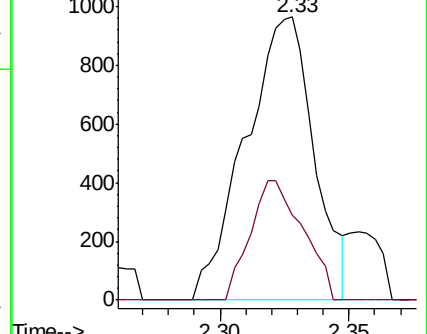
43 100

58 32.5 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#16

Methylene chloride

Concen: 14.642 ug/L

RT: 2.70 min Scan# 501

Delta R.T. -0.00 min

Lab File: VU029991.D

Acq: 12 Mar 2019 01:20

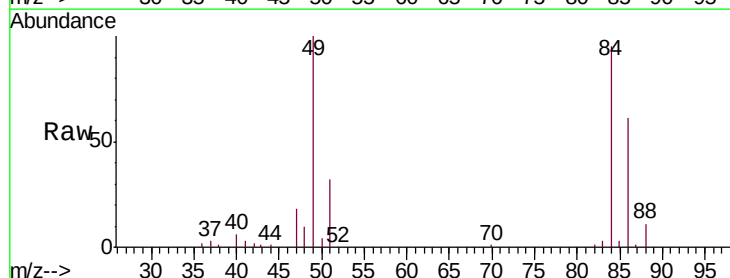
Tgt Ion: 84 Resp: 58190

Ion Ratio Lower Upper

84 100

86 63.9 45.2 84.0

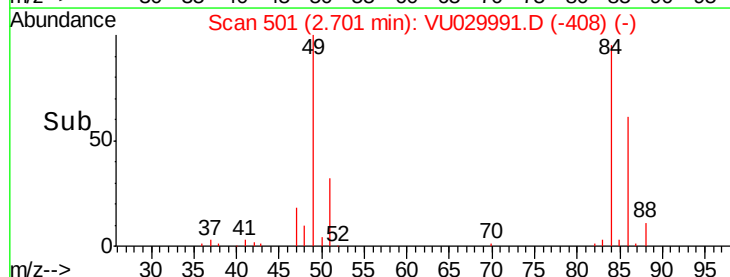
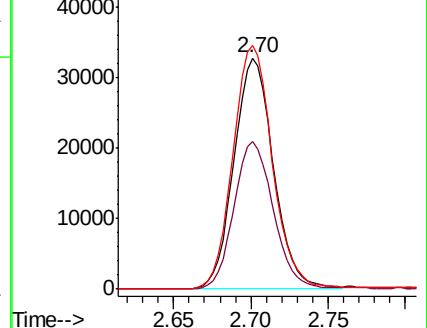
49 105.4 73.6 136.6

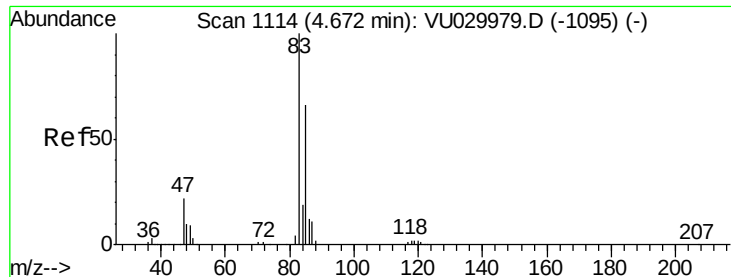


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#25

Chloroform

Concen: 1.762 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU029991.D

Acq: 12 Mar 2019 01:20

Instrument :

MSVOA_U

ClientSampleID :

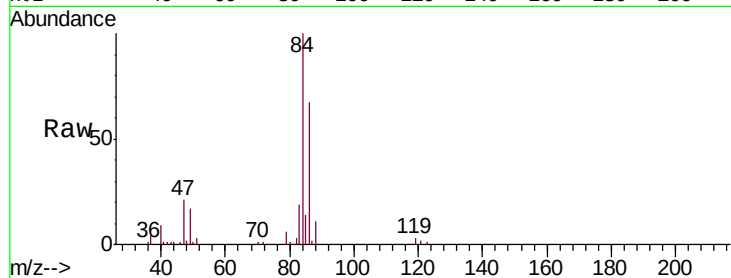
C0960DL

Tgt Ion: 83 Resp: 11637

Ion Ratio Lower Upper

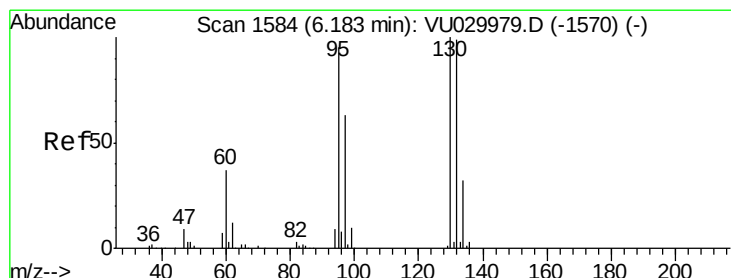
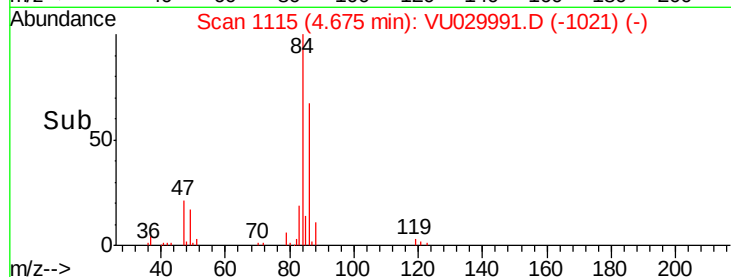
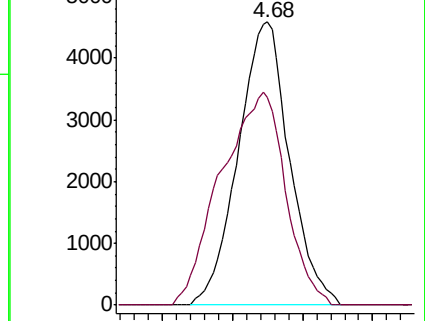
83 100

85 73.4 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU029991.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU029991.D (-1095) (-)



#34

Trichloroethene

Concen: 24.664 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029991.D

Acq: 12 Mar 2019 01:20

Tgt Ion: 95 Resp: 94990

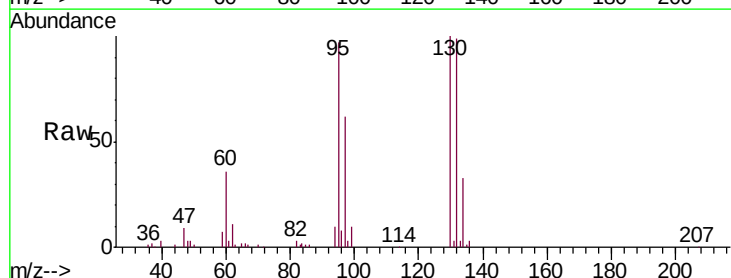
Ion Ratio Lower Upper

95 100

97 63.7 45.5 84.5

132 101.6 71.5 132.7

130 103.1 73.5 136.5

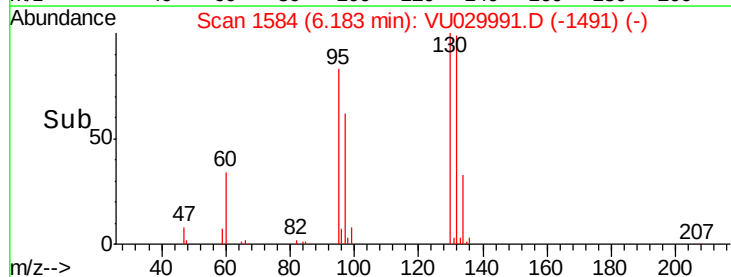
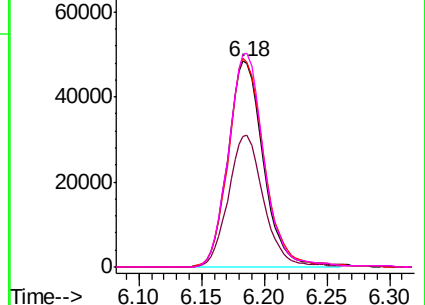


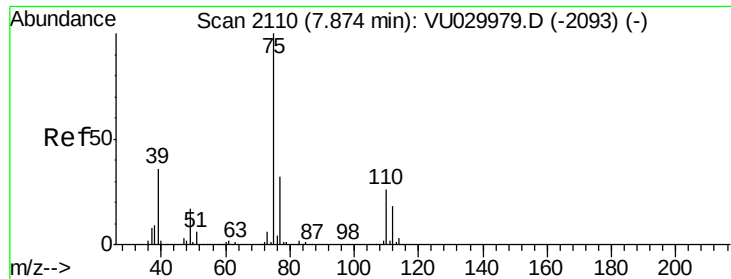
Abundance Ion 95.00 (94.70 to 95.70): VU029991.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU029991.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU029991.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU029991.D (-1491) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.684 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029991.D

Acq: 12 Mar 2019 01:20

Instrument :

MSVOA_U

ClientSampleID :

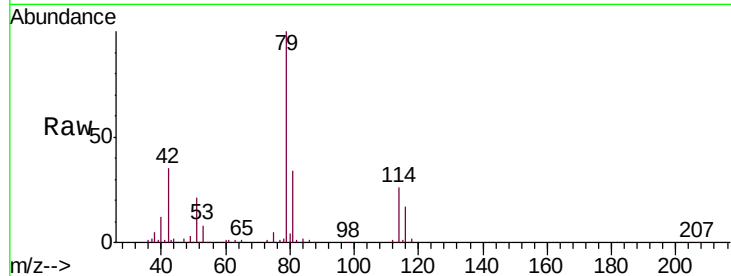
C0960DL

Tgt Ion: 75 Resp: 3759

Ion Ratio Lower Upper

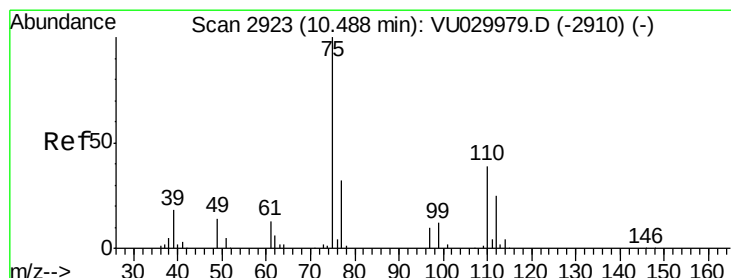
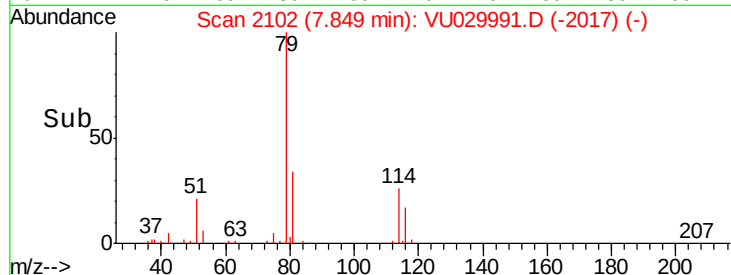
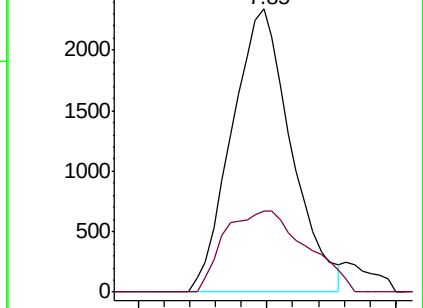
75 100

77 28.5 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.026 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029991.D

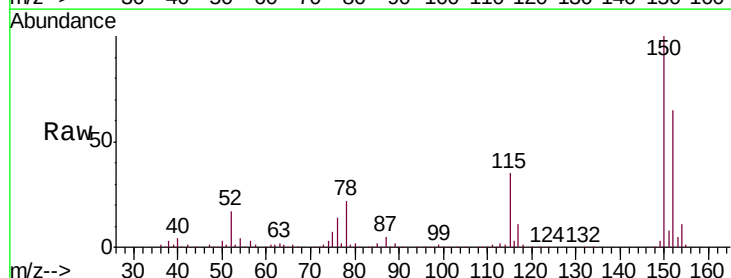
Acq: 12 Mar 2019 01:20

Tgt Ion: 75 Resp: 25300

Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

