

Data File : VU029990.D
Acq On : 12 Mar 2019 00:57
Operator : JC/SP
Sample : K1763-03DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0958DL

Quant Time: Mar 12 07:11:27 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	522890	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	507693	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	244134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	176758	51.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.22%
7) Chloroethane-d5	1.68	69	143010	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.44%
11) 1,1-Dichloroethene-d2	2.27	63	239031	38.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.58%
21) 2-Butanone-d5	4.17	46	250786	96.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	4.65	84	301235	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
26) 1,2-Dichloroethane-d4	5.31	65	182817	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
32) Benzene-d6	5.34	84	672467	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
36) 1,2-Dichloropropane-d6	6.33	67	202885	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.46%
41) Toluene-d8	7.56	98	613894	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%
43) trans-1,3-Dichloropropene-	7.85	79	89292	46.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.18%
47) 2-Hexanone-d5	8.31	63	213563	95.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294078	47.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	242839	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2672	0.778	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3162	0.965	ug/L #	1
13) Acetone	2.32	43	1735	0.573	ug/L	91
16) Methylene chloride	2.70	84	60017	15.509	ug/L	98
25) Chloroform	4.67	83	14662	2.280	ug/L	97
34) Trichloroethene	6.18	95	99234	26.062	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3551	0.654	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	25127	5.049	ug/L	90

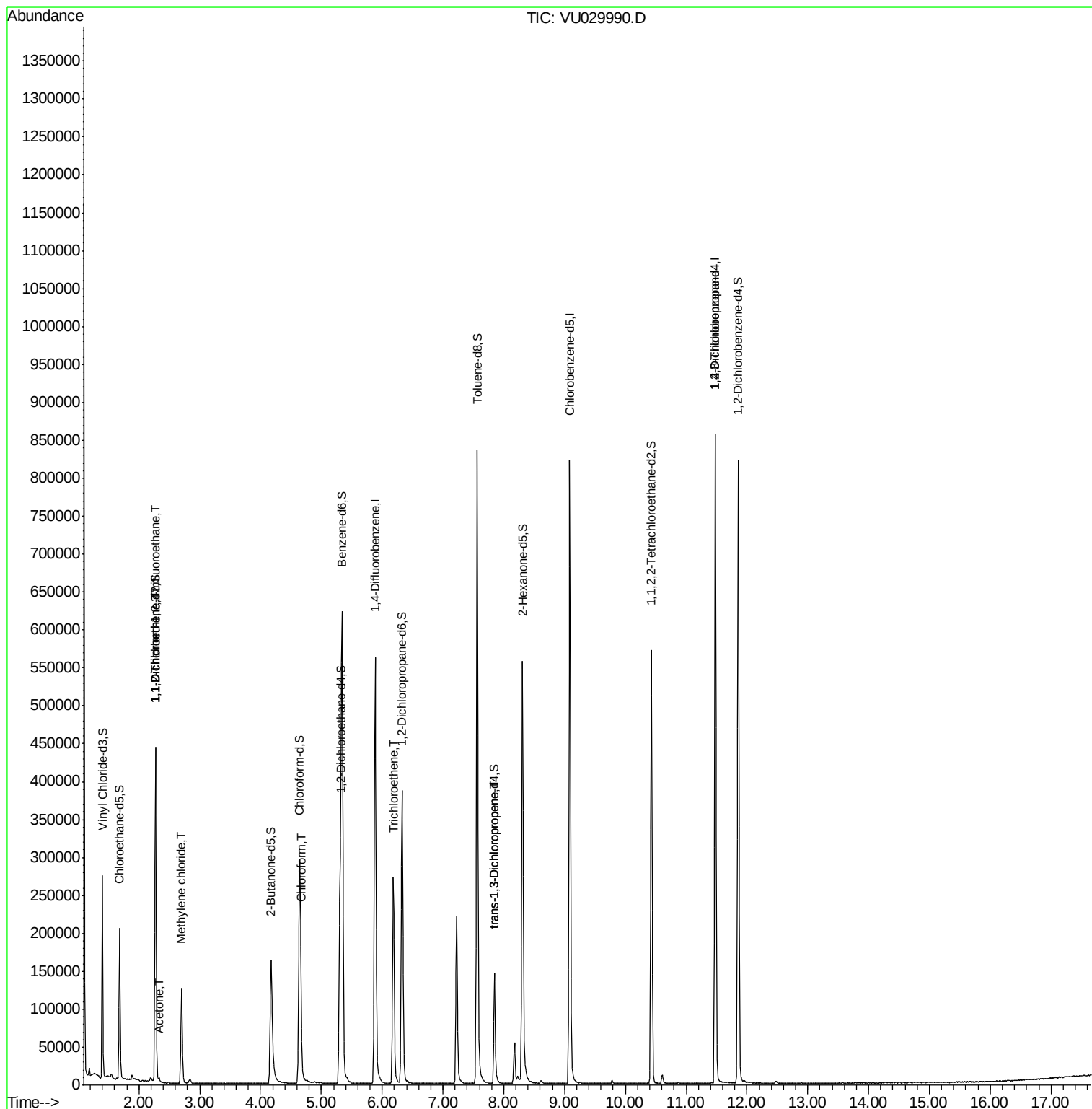
(#) = qualifier out of range (m) = manual integration (+) = signals summed

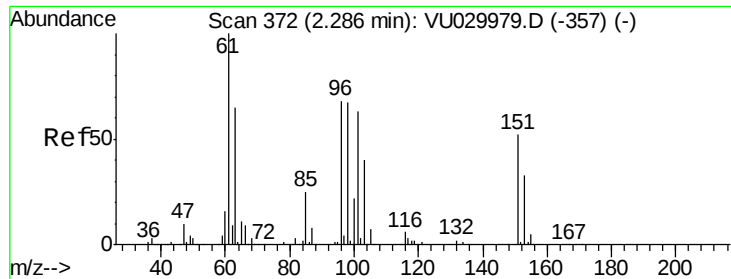
Data File : VU029990.D

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#10

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

Concen: 0.778 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029990.D

Acq: 12 Mar 2019 00:57

Instrument :

MSVOA_U

ClientSampled :

C0958DL

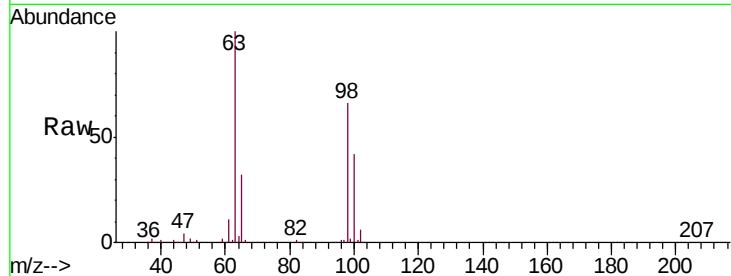
Tgt Ion: 101 Resp: 2672

Ion Ratio Lower Upper

101 100

85 1.5 33.0 49.4#

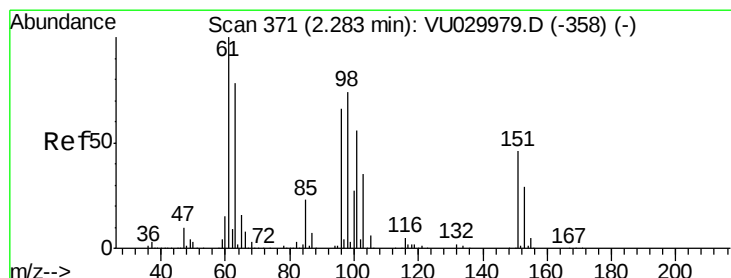
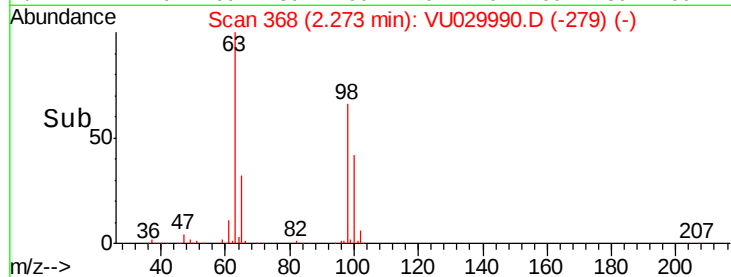
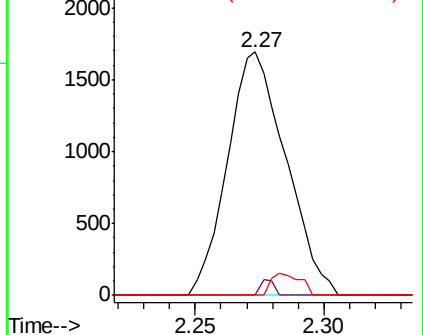
151 4.6 66.1 99.1#



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: 0.965 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029990.D

Acq: 12 Mar 2019 00:57

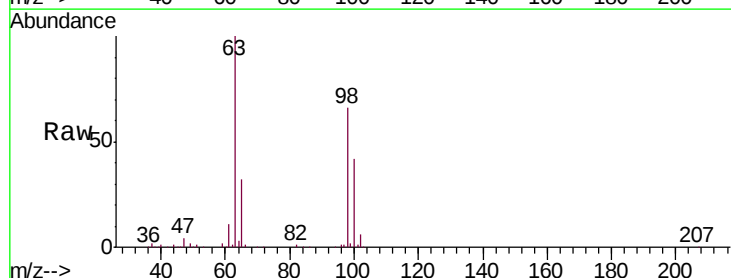
Tgt Ion: 96 Resp: 3162

Ion Ratio Lower Upper

96 100

61 996.0 110.4 205.0#

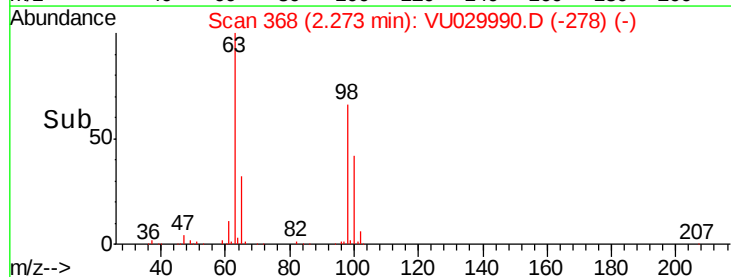
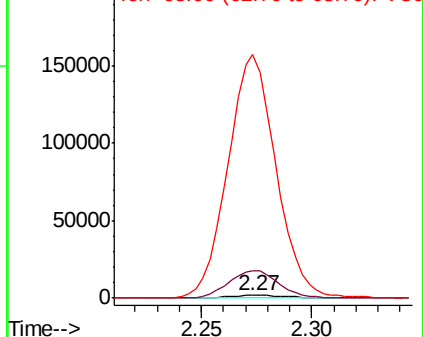
63 8814.3 86.5 160.7#

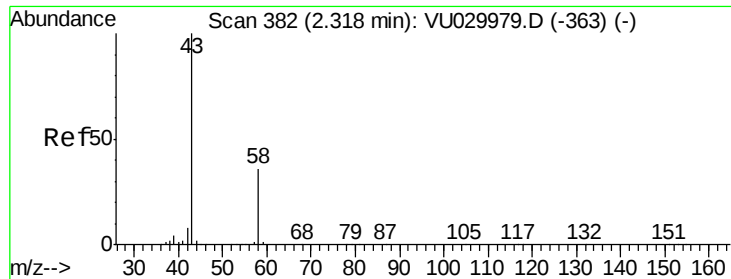


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.573 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029990.D

Acq: 12 Mar 2019 00:57

Instrument :

MSVOA_U

ClientSampled :

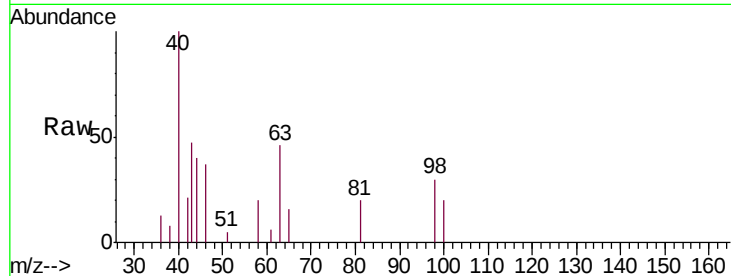
C0958DL

Tgt Ion: 43 Resp: 1735

Ion Ratio Lower Upper

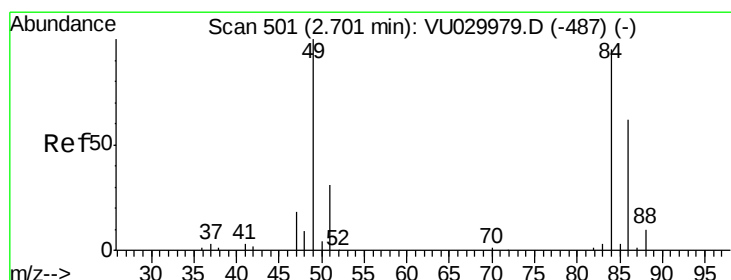
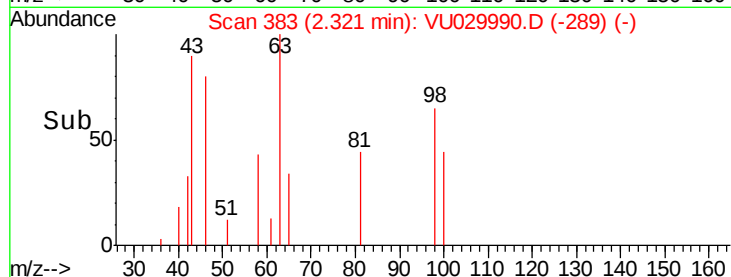
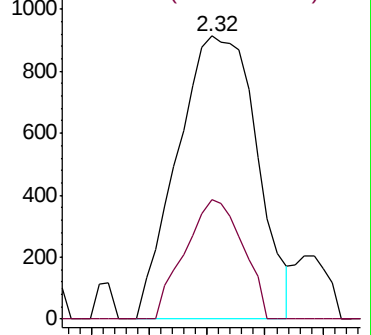
43 100

58 31.0 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: 15.509 ug/L

RT: 2.70 min Scan# 501

Delta R.T. -0.00 min

Lab File: VU029990.D

Acq: 12 Mar 2019 00:57

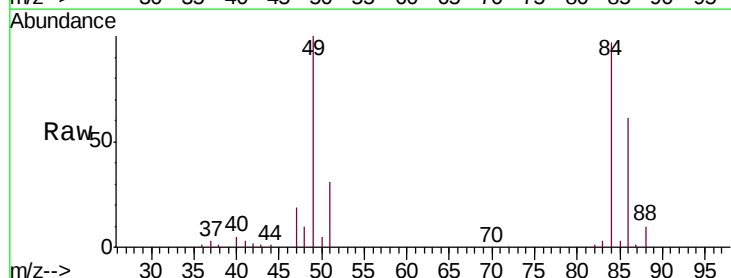
Tgt Ion: 84 Resp: 60017

Ion Ratio Lower Upper

84 100

86 63.2 45.2 84.0

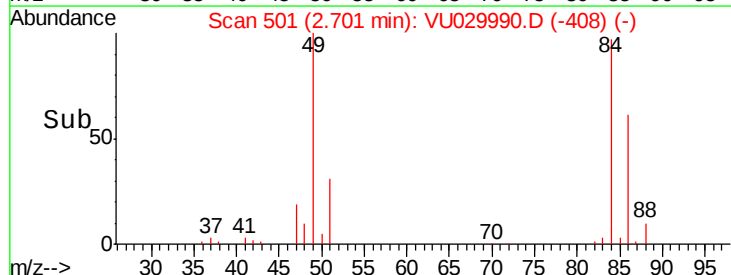
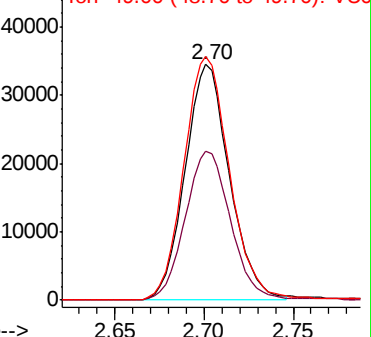
49 103.2 73.6 136.6

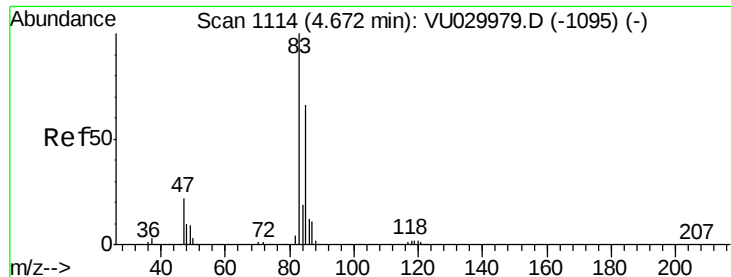


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#25

Chloroform

Concen: 2.280 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VU029990.D

Acq: 12 Mar 2019 00:57

Instrument :

MSVOA_U

ClientSampleId :

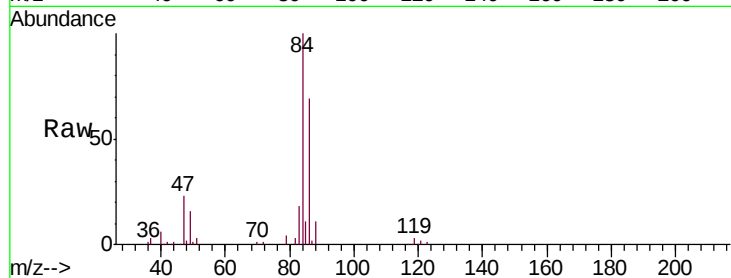
C0958DL

Tgt Ion: 83 Resp: 14662

Ion Ratio Lower Upper

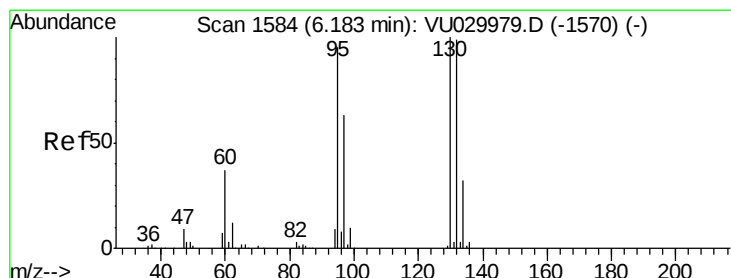
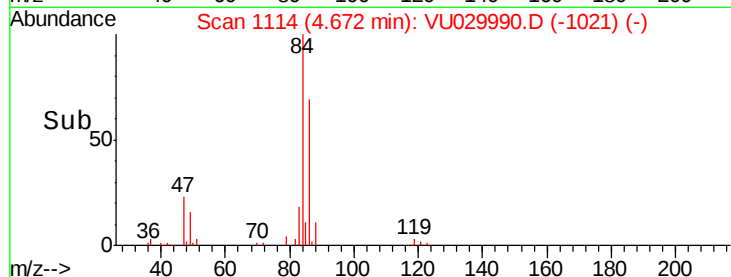
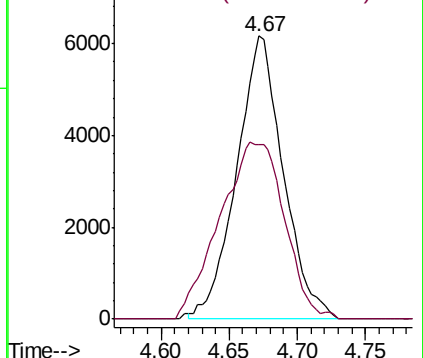
83 100

85 61.5 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 26.062 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029990.D

Acq: 12 Mar 2019 00:57

Tgt Ion: 95 Resp: 99234

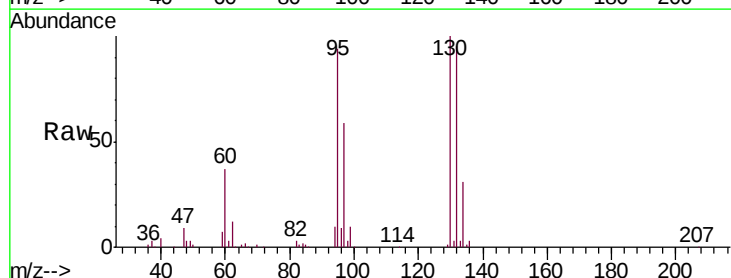
Ion Ratio Lower Upper

95 100

97 62.9 45.5 84.5

132 101.2 71.5 132.7

130 106.4 73.5 136.5

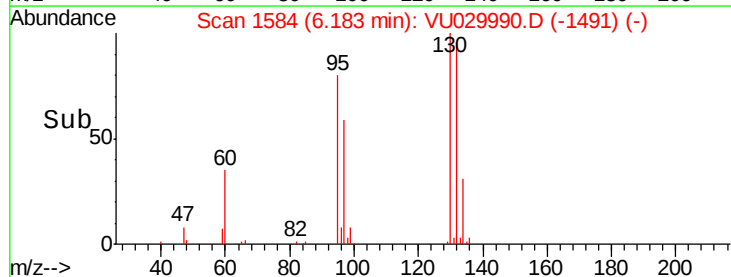
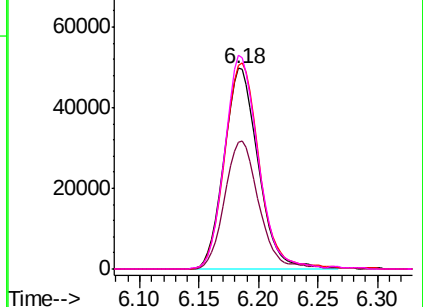


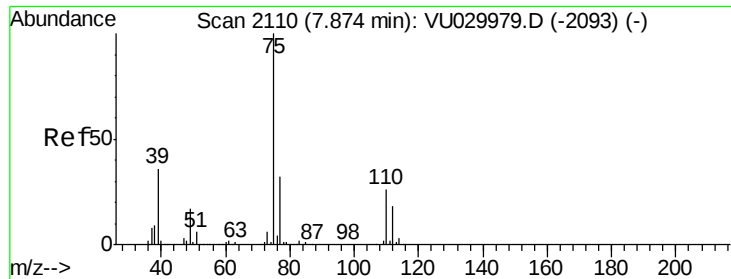
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.654 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU029990.D

Acq: 12 Mar 2019 00:57

Instrument :

MSVOA_U

ClientSampleId :

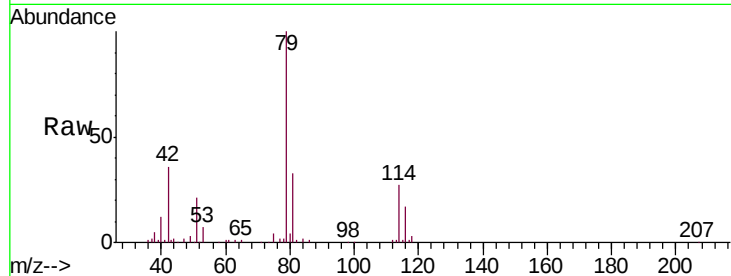
C0958DL

Tgt Ion: 75 Resp: 3551

Ion Ratio Lower Upper

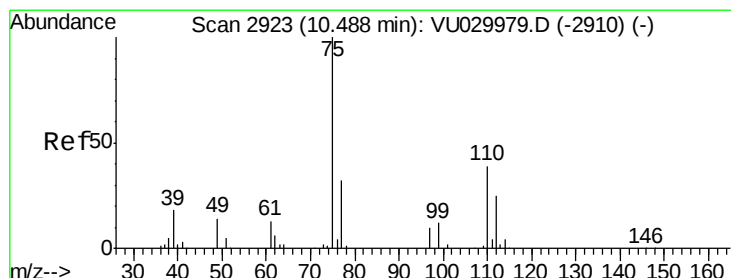
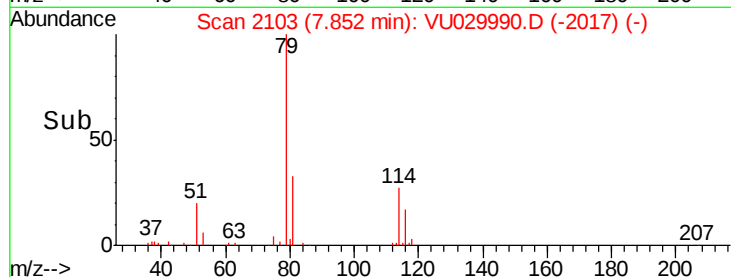
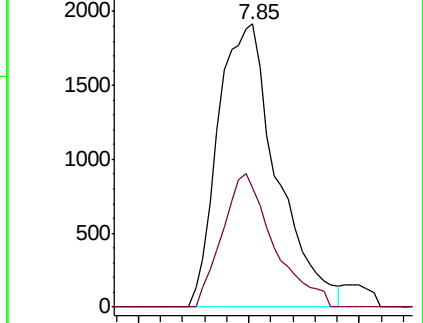
75 100

77 42.2 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: 5.049 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029990.D

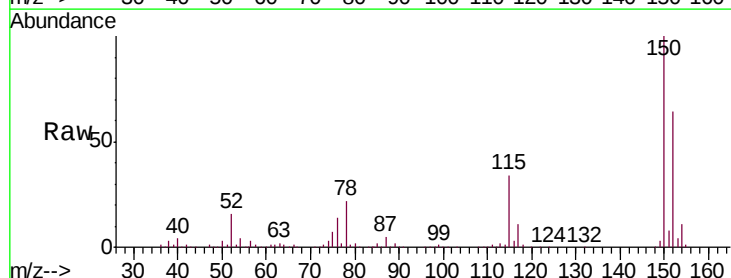
Acq: 12 Mar 2019 00:57

Tgt Ion: 75 Resp: 25127

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

