

Data File : VU028543.D
Acq On : 10 Dec 2018 11:05
Operator : MD/SY
Sample : J6299-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Dec 11 02:54:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 02:51:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	148418	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62834	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63046	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.98%
7) Chloroethane-d5	1.68	69	51096	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.36%
11) 1,1-Dichloroethene-d2	2.27	63	88908	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.76%
21) 2-Butanone-d5	4.17	46	123194	110.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.67%
24) Chloroform-d	4.65	84	108801	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	74088	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
32) Benzene-d6	5.34	84	229846	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.33	67	83882	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.86%
41) Toluene-d8	7.56	98	199554	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%
43) trans-1,3-Dichloropropene-	7.85	79	37072	50.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.34%
47) 2-Hexanone-d5	8.31	63	86852	112.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107990	51.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	69471	54.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.98%

Target Compounds

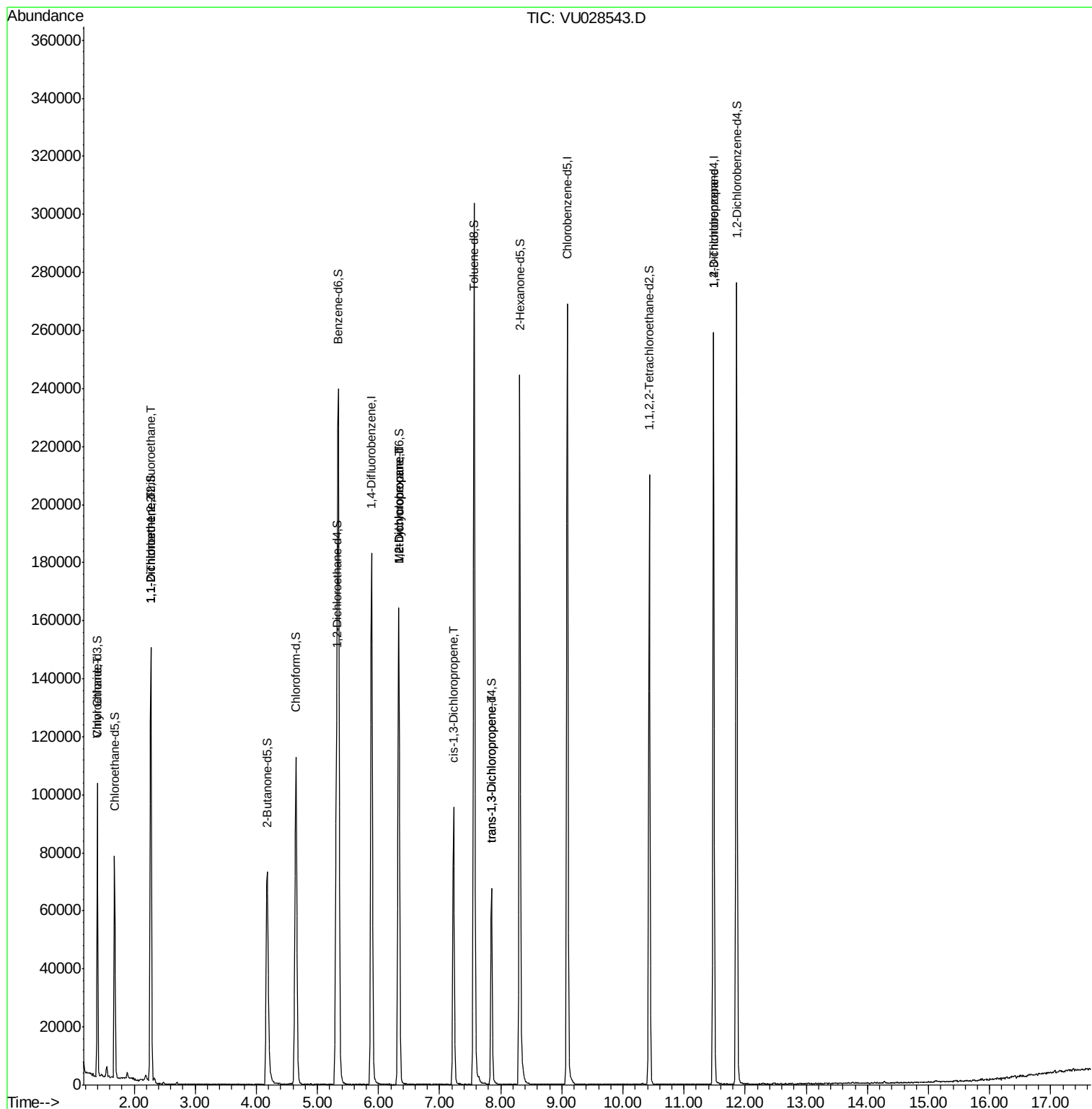
					Qvalue
8) Chloroethane	1.40	64	960	1.018 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	613	0.594 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	604	0.618 ug/L #	1
35) Methylcyclohexane	6.33	83	17252	8.290 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8445	5.559 ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	2030	0.942 ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	1398	0.703 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	9031	5.261 ug/L	93

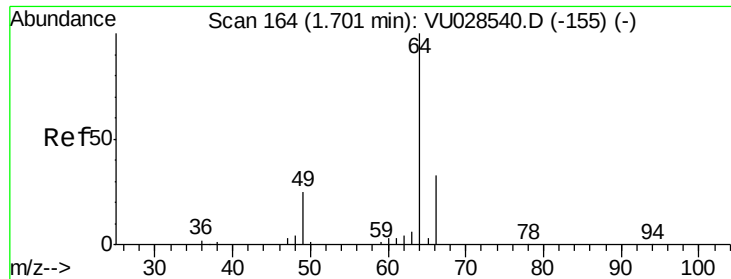
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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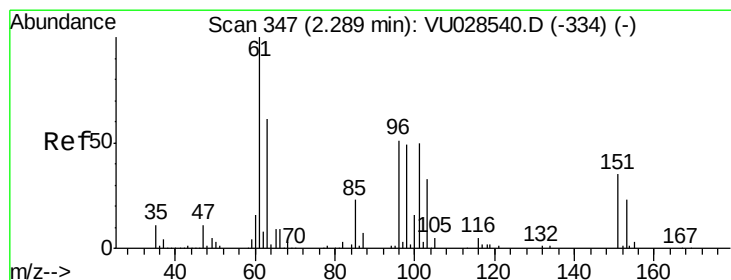
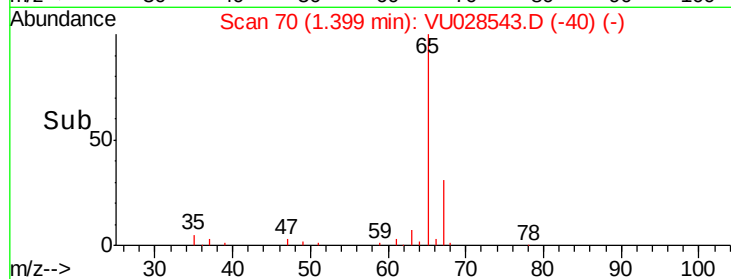
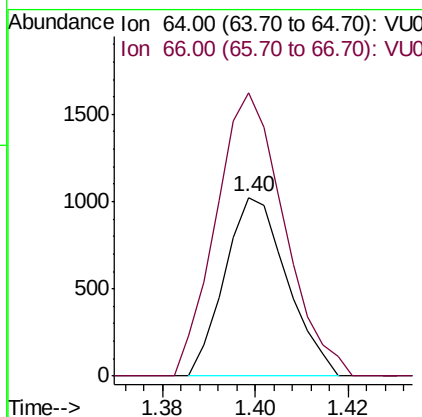
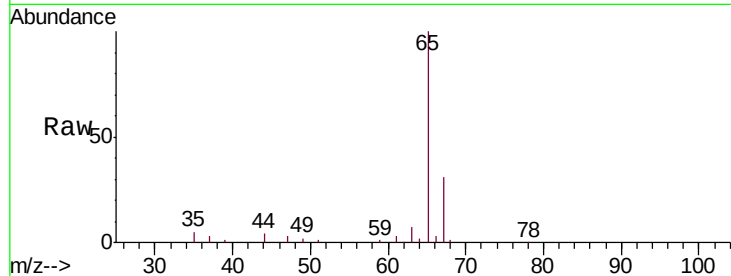




#8
Chloroethane
Concen: 1.018 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.30 min
Lab File: VU028543.D
Acq: 10 Dec 2018 11:05

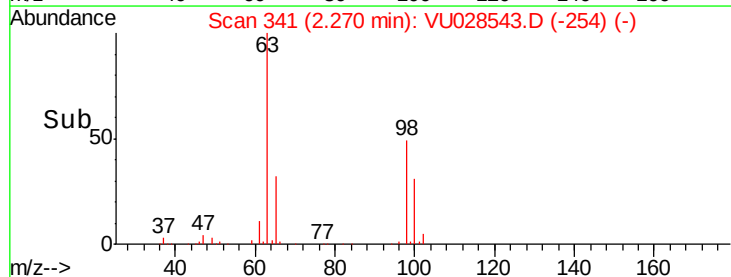
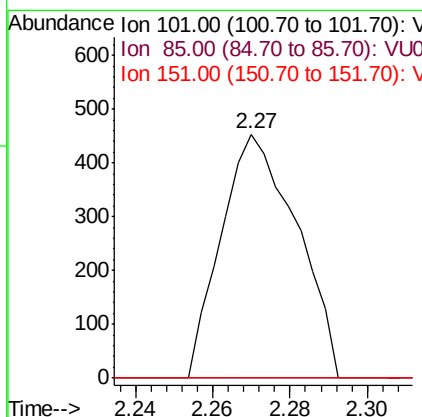
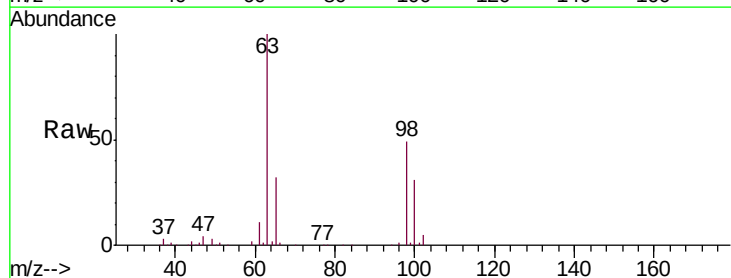
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

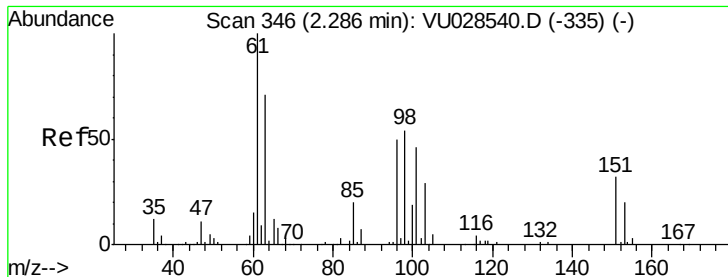
Tgt Ion: 64 Resp: 960
Ion Ratio Lower Upper
64 100
66 158.2 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.594 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU028543.D
Acq: 10 Dec 2018 11:05

Tgt Ion: 101 Resp: 613
Ion Ratio Lower Upper
101 100
85 0.0 36.8 55.2#
151 0.0 55.8 83.8#





#12

1,1-Dichloroethene

Concen: 0.618 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028543.D

Acq: 10 Dec 2018 11:05

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

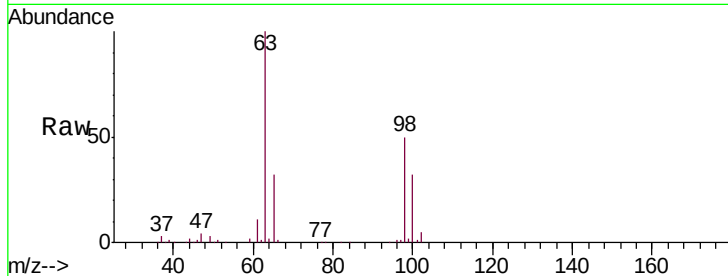
Tgt Ion: 96 Resp: 604

Ion Ratio Lower Upper

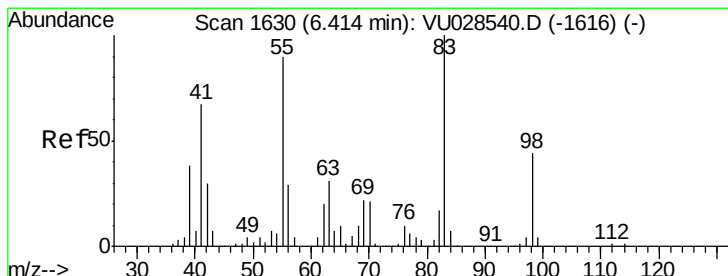
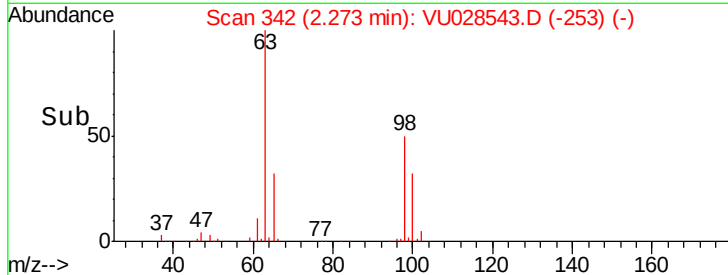
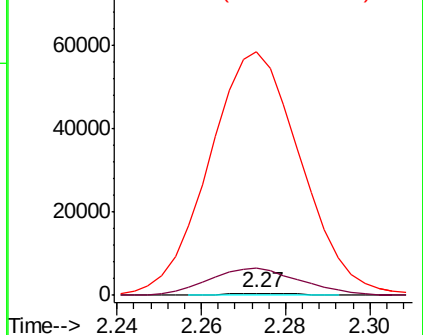
96 100

61 1374.9 143.2 266.0#

63 12520.8 130.1 241.7#



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



#35

Methylcyclohexane

Concen: 8.290 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028543.D

Acq: 10 Dec 2018 11:05

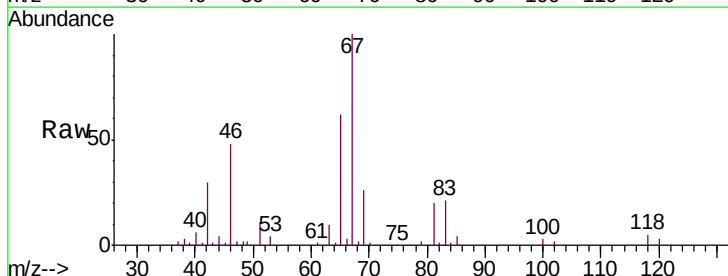
Tgt Ion: 83 Resp: 17252

Ion Ratio Lower Upper

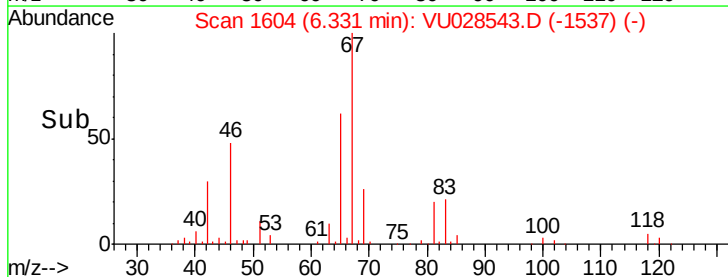
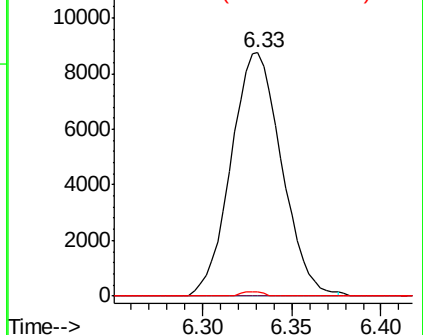
83 100

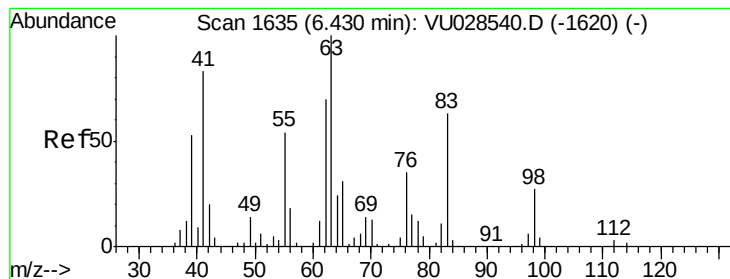
55 0.0 70.1 105.1#

98 0.7 34.4 51.6#



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.559 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028543.D

Acq: 10 Dec 2018 11:05

Instrument :

MSVOA_U

ClientSampleId :

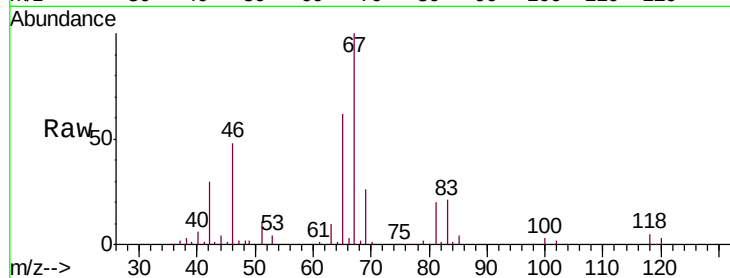
VHBLK02

Tgt Ion: 63 Resp: 8445

Ion Ratio Lower Upper

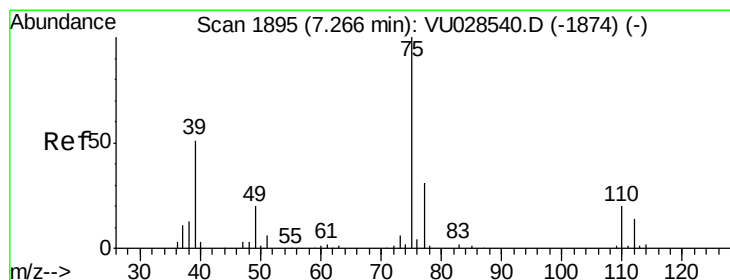
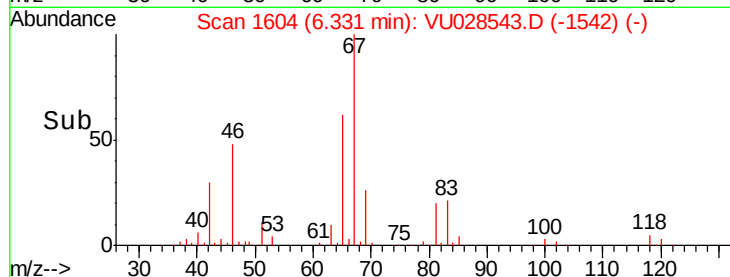
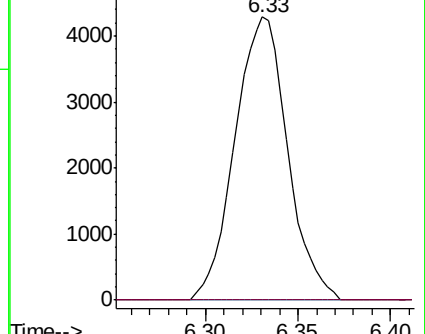
63 100

112 0.0 2.4 3.6#



Abundance Ion 63.00 (62.70 to 63.70): VU028540.D (-1620) (-)

Ion 112.00 (111.70 to 112.70): VU028540.D (-1620) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.942 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU028543.D

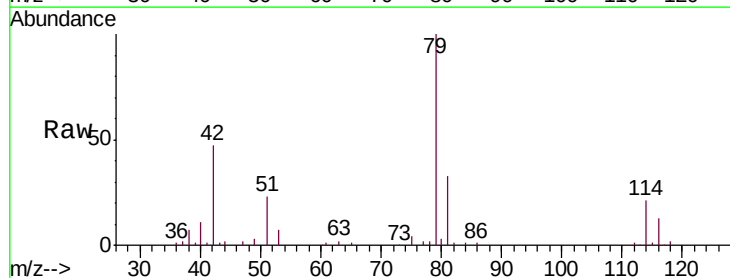
Acq: 10 Dec 2018 11:05

Tgt Ion: 75 Resp: 2030

Ion Ratio Lower Upper

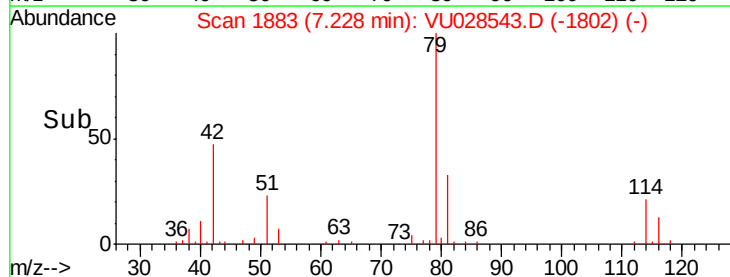
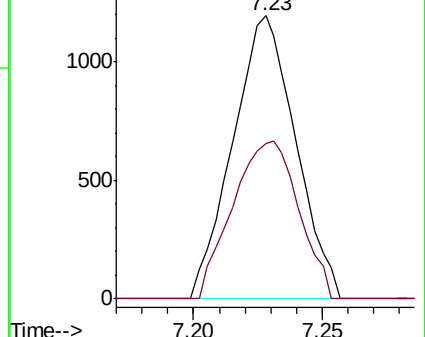
75 100

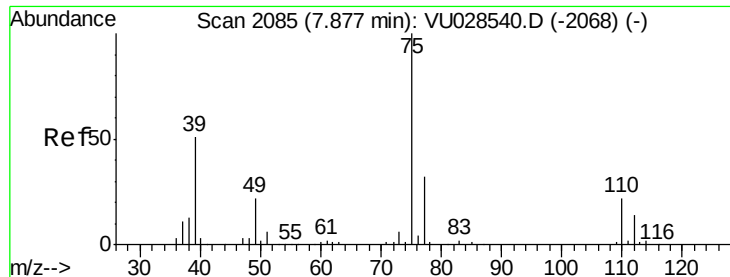
77 55.1 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU028540.D (-1874) (-)

Ion 77.00 (76.70 to 77.70): VU028540.D (-1874) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.703 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028543.D

Acq: 10 Dec 2018 11:05

Instrument :

MSVOA_U

ClientSampleId :

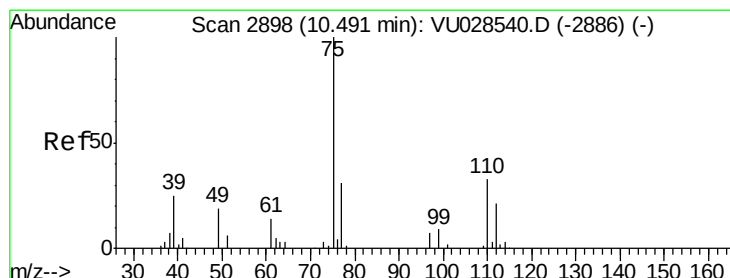
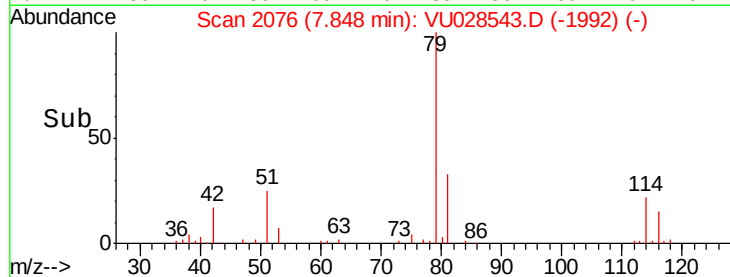
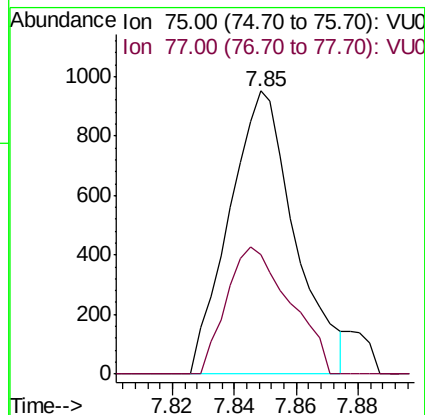
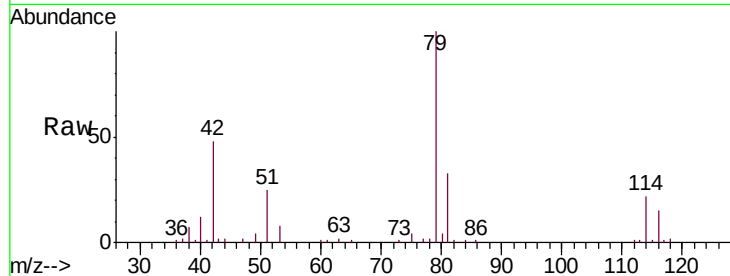
VHBLK02

Tgt Ion: 75 Resp: 1398

Ion Ratio Lower Upper

75 100

77 42.2 21.8 40.6#



#59

1,2,3-Trichloropropane

Concen: 5.261 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028543.D

Acq: 10 Dec 2018 11:05

Tgt Ion: 75 Resp: 9031

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.2

