

Data File : VU028544.D
Acq On : 10 Dec 2018 11:28
Operator : MD/SY
Sample : J6236-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Dec 11 02:54:30 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	146534	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63028	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60021	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.72%
7) Chloroethane-d5	1.68	69	48538	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.64%
11) 1,1-Dichloroethene-d2	2.27	63	83606	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.30%
21) 2-Butanone-d5	4.18	46	117678	107.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.07%
24) Chloroform-d	4.65	84	104119	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
26) 1,2-Dichloroethane-d4	5.31	65	73199	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.34	84	221386	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
36) 1,2-Dichloropropane-d6	6.33	67	80964	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.16%
41) Toluene-d8	7.56	98	192415	48.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%
43) trans-1,3-Dichloropropene-	7.85	79	36370	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.32%
47) 2-Hexanone-d5	8.31	63	80380	105.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104403	51.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	67582	52.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.70%

Target Compounds

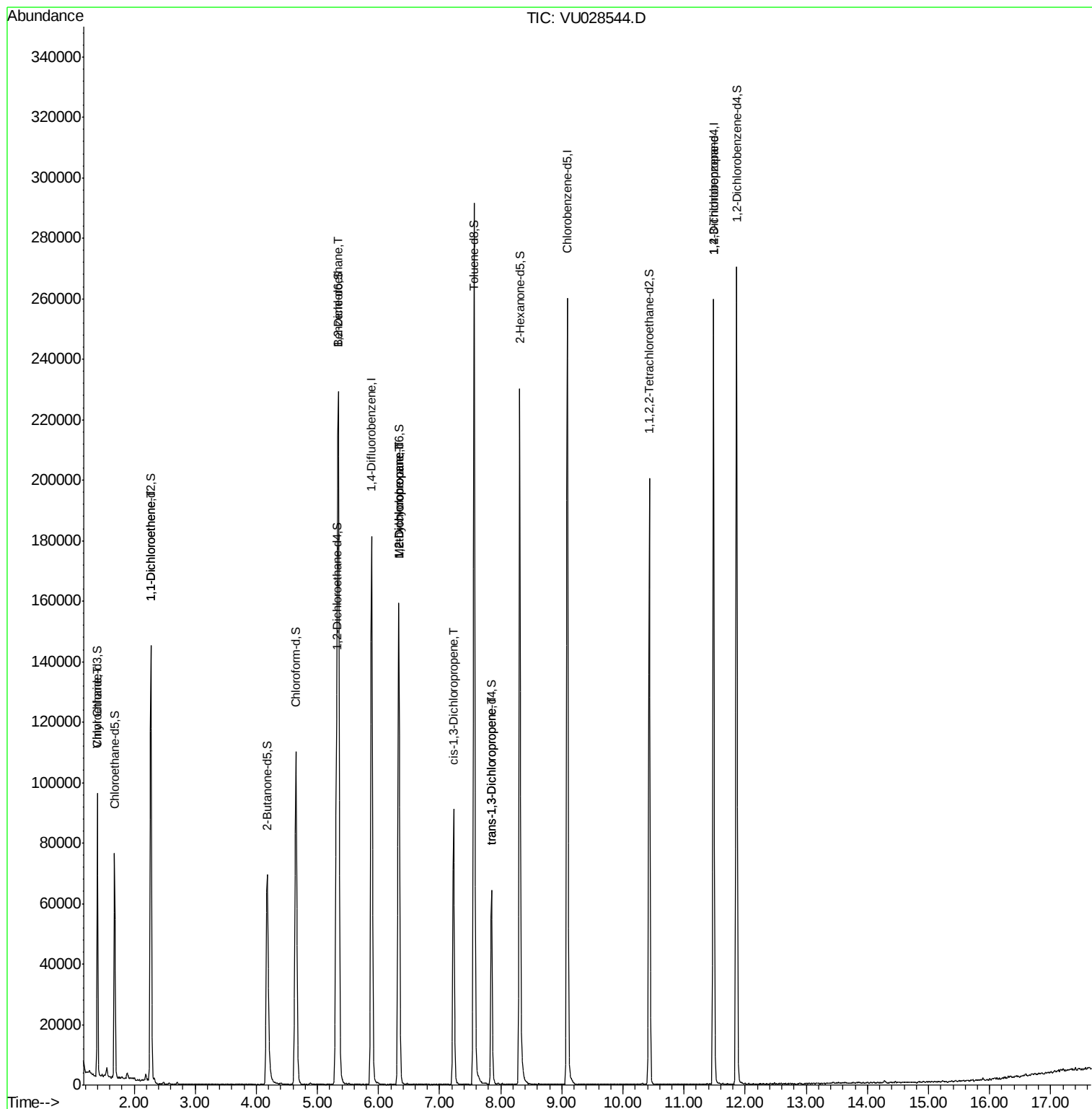
					Qvalue	
8) Chloroethane	1.40	64	926	0.995	ug/L #	1
12) 1,1-Dichloroethene	2.28	96	531	0.550	ug/L #	1
27) 1,2-Dichloroethane	5.34	62	1281	0.709	ug/L #	76
35) Methylcyclohexane	6.33	83	16683	8.171	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7886	5.291	ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	1892	0.894	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1432	0.734	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	8564	5.085	ug/L	95

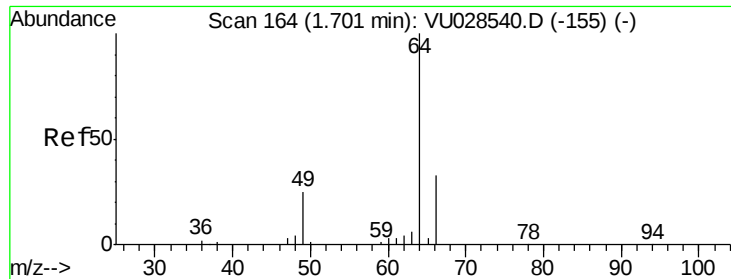
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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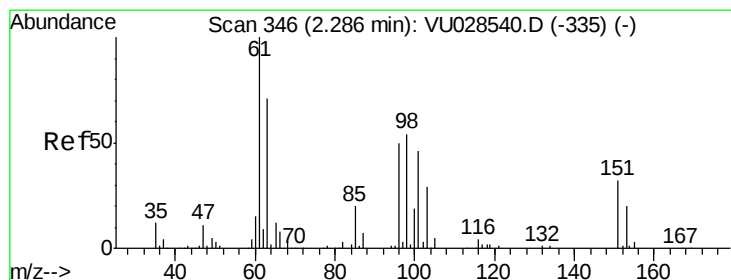
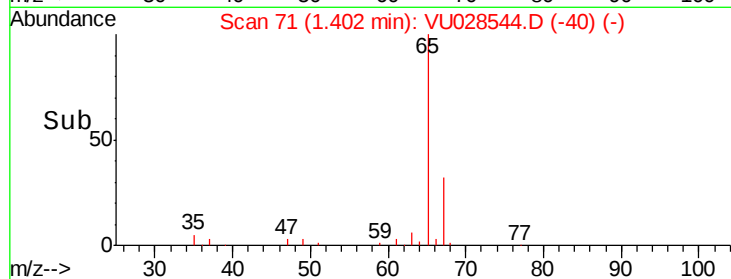
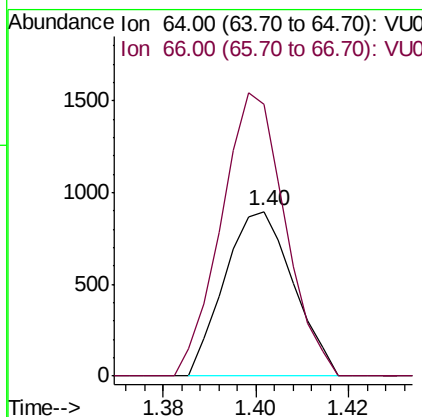
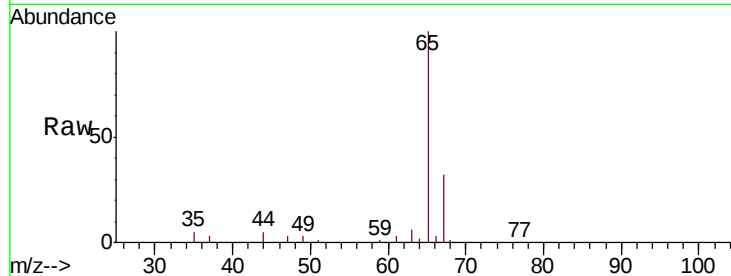




#8
 Chloroethane
 Concen: 0.995 ug/L
 RT: 1.40 min Scan# 71
 Delta R.T. -0.30 min
 Lab File: VU028544.D
 Acq: 10 Dec 2018 11:28

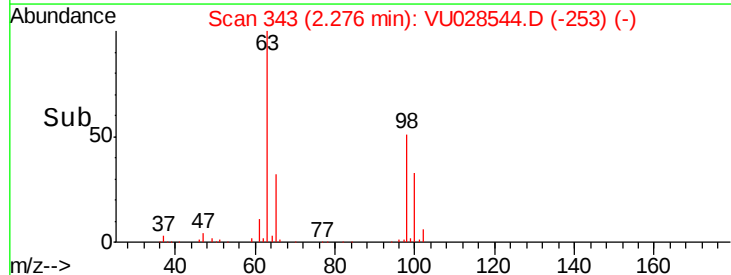
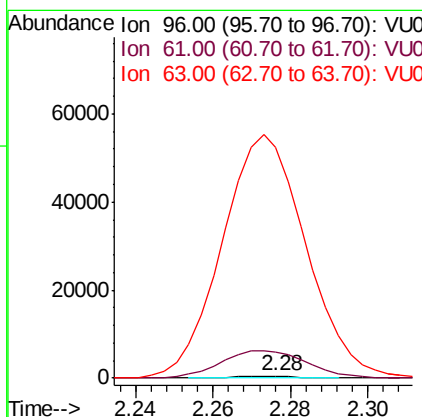
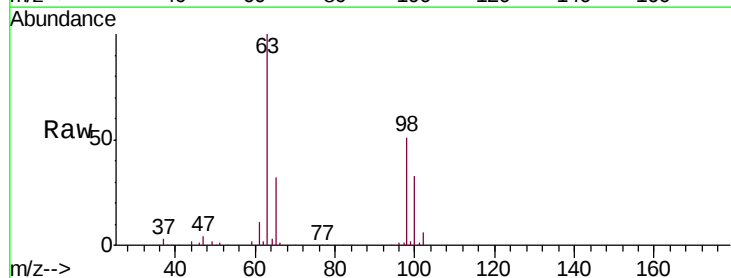
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK02

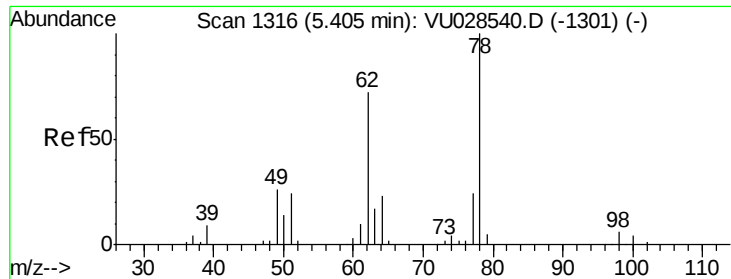
Tgt Ion: 64 Resp: 926
 Ion Ratio Lower Upper
 64 100
 66 165.6 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 0.550 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU028544.D
 Acq: 10 Dec 2018 11:28

Tgt Ion: 96 Resp: 531
 Ion Ratio Lower Upper
 96 100
 61 1518.4 143.2 266.0#
 63 13397.4 130.1 241.7#

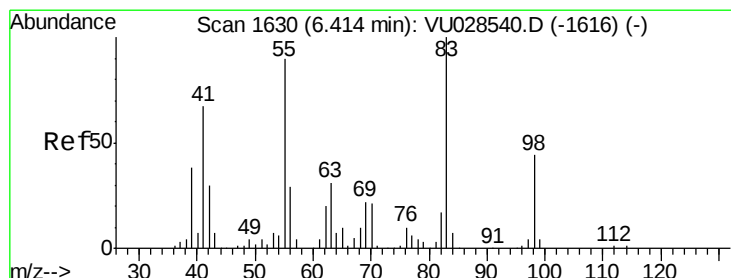
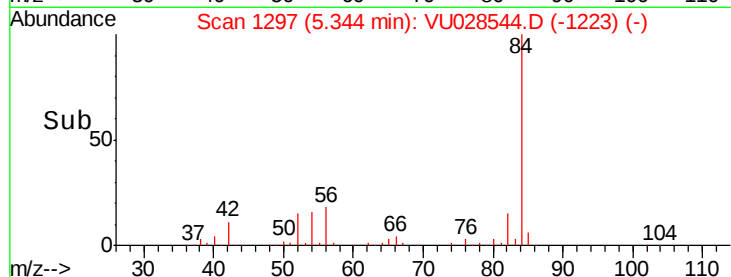
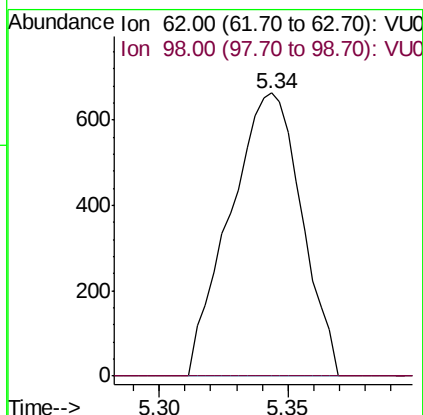
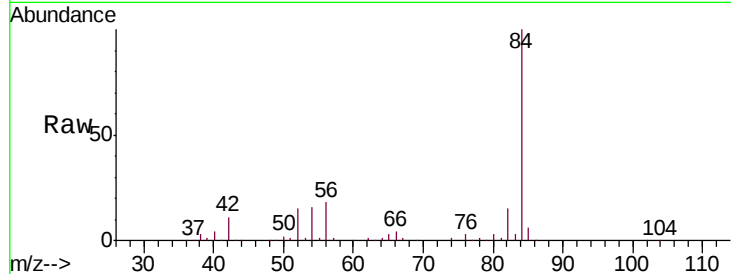




#27
 1,2-Dichloroethane
 Concen: 0.709 ug/L
 RT: 5.34 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: VU028544.D
 Acq: 10 Dec 2018 11:28

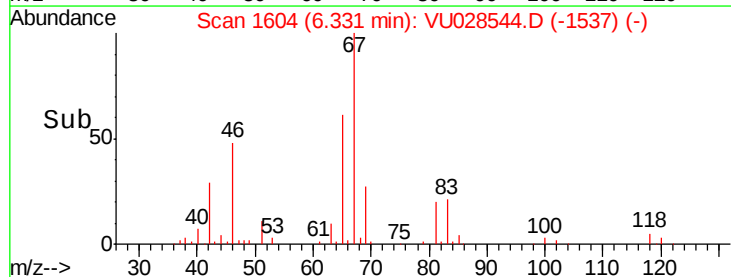
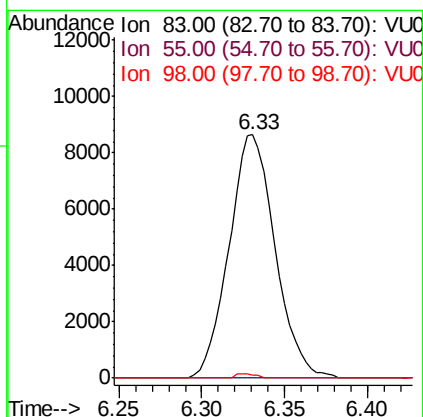
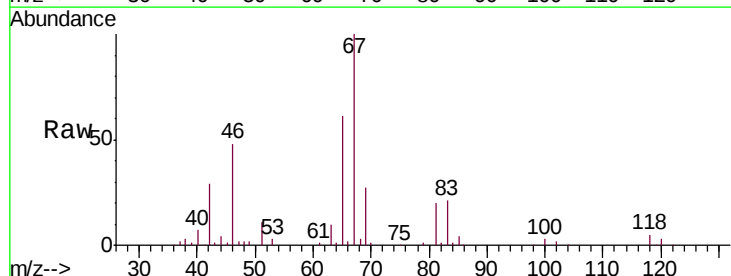
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

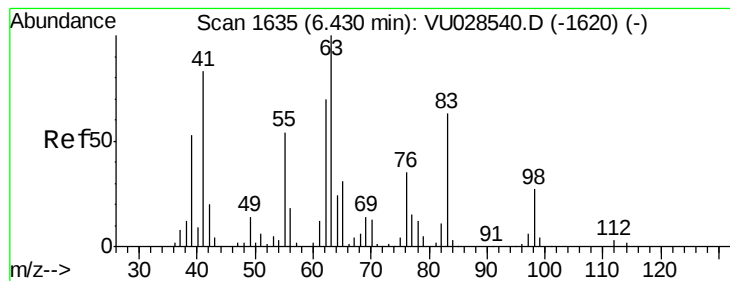
Tgt Ion: 62 Resp: 1281
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 8.171 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.08 min
 Lab File: VU028544.D
 Acq: 10 Dec 2018 11:28

Tgt Ion: 83 Resp: 16683
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.1 105.1#
 98 0.7 34.4 51.6#





#37

1,2-Dichloropropane

Concen: 5.291 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028544.D

Acq: 10 Dec 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

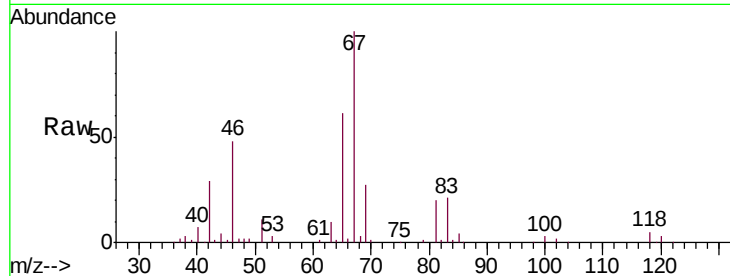
VHBLK02

Tgt Ion: 63 Resp: 7886

Ion Ratio Lower Upper

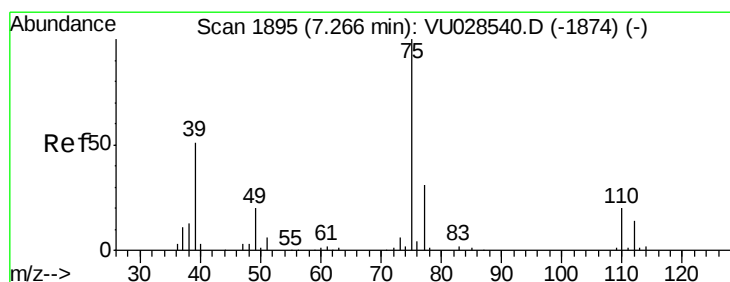
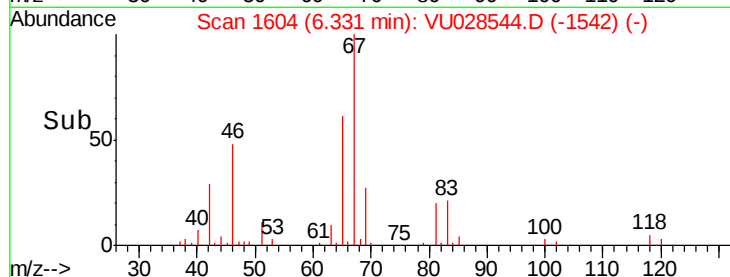
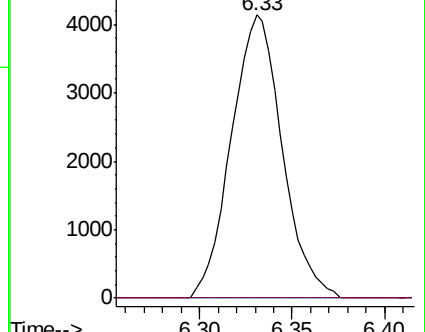
63 100

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: 0.894 ug/L

RT: 7.22 min Scan# 1882

Delta R.T. -0.04 min

Lab File: VU028544.D

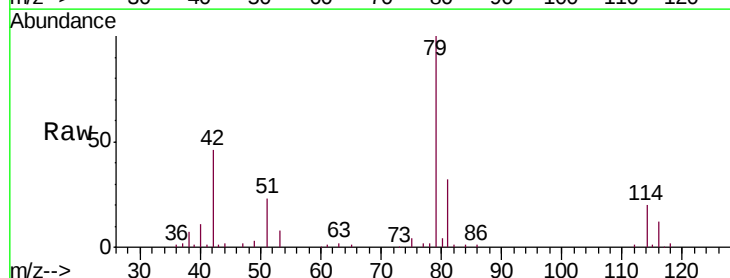
Acq: 10 Dec 2018 11:28

Tgt Ion: 75 Resp: 1892

Ion Ratio Lower Upper

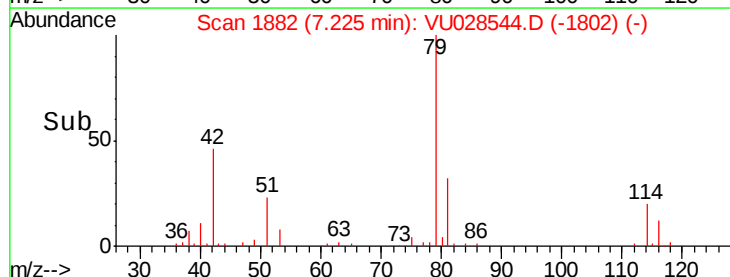
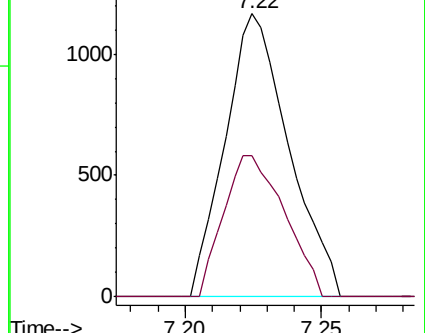
75 100

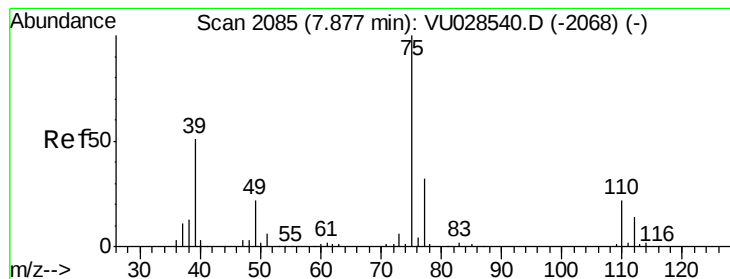
77 50.0 21.8 40.6#



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: 0.734 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028544.D

Acq: 10 Dec 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

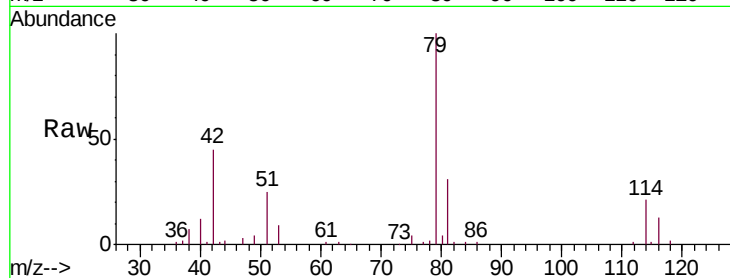
VHBLK02

Tgt Ion: 75 Resp: 1432

Ion Ratio Lower Upper

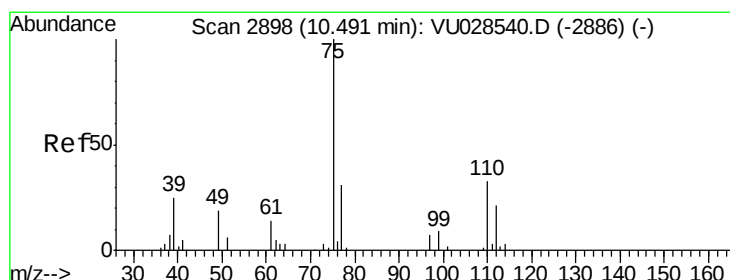
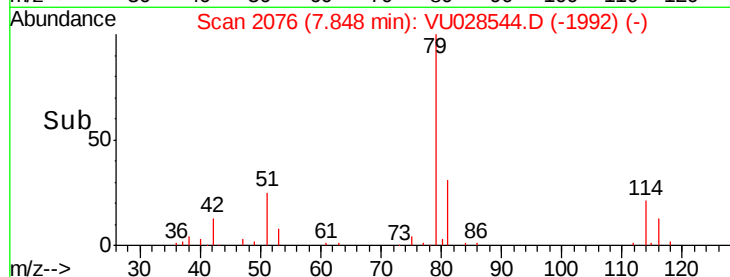
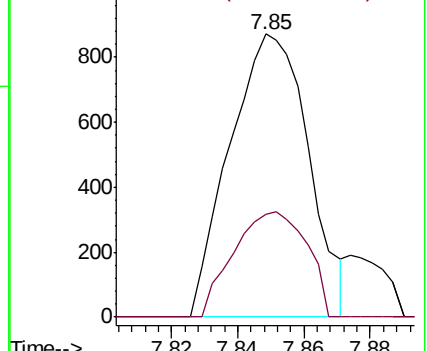
75 100

77 36.5 21.8 40.6



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: 5.085 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028544.D

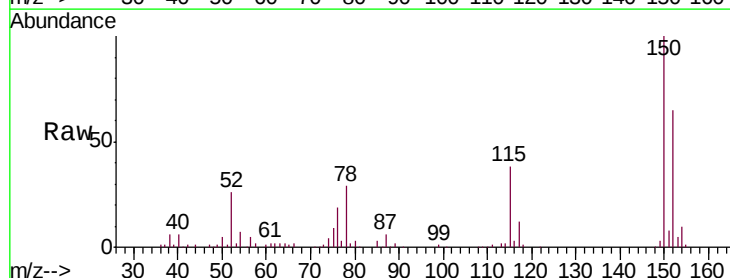
Acq: 10 Dec 2018 11:28

Tgt Ion: 75 Resp: 8564

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

