

Data File : VU028938.D
Acq On : 24 Dec 2018 11:29
Operator : MD/SY
Sample : J6535-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Dec 25 00:06:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	245367	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224200	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97383	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85016	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.44%
7) Chloroethane-d5	1.67	69	73149	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.28%
11) 1,1-Dichloroethene-d2	2.27	63	117667	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.14%
21) 2-Butanone-d5	4.17	46	135133	98.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.05%
24) Chloroform-d	4.65	84	157513	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	5.31	65	99293	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.16%
32) Benzene-d6	5.34	84	349147	55.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.24%
36) 1,2-Dichloropropane-d6	6.33	67	116861	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.62%
41) Toluene-d8	7.57	98	320009	55.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.50%
43) trans-1,3-Dichloropropene-	7.85	79	53882	55.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.76%
47) 2-Hexanone-d5	8.31	63	113971	111.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158666	53.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	117733	59.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.54%

Target Compounds

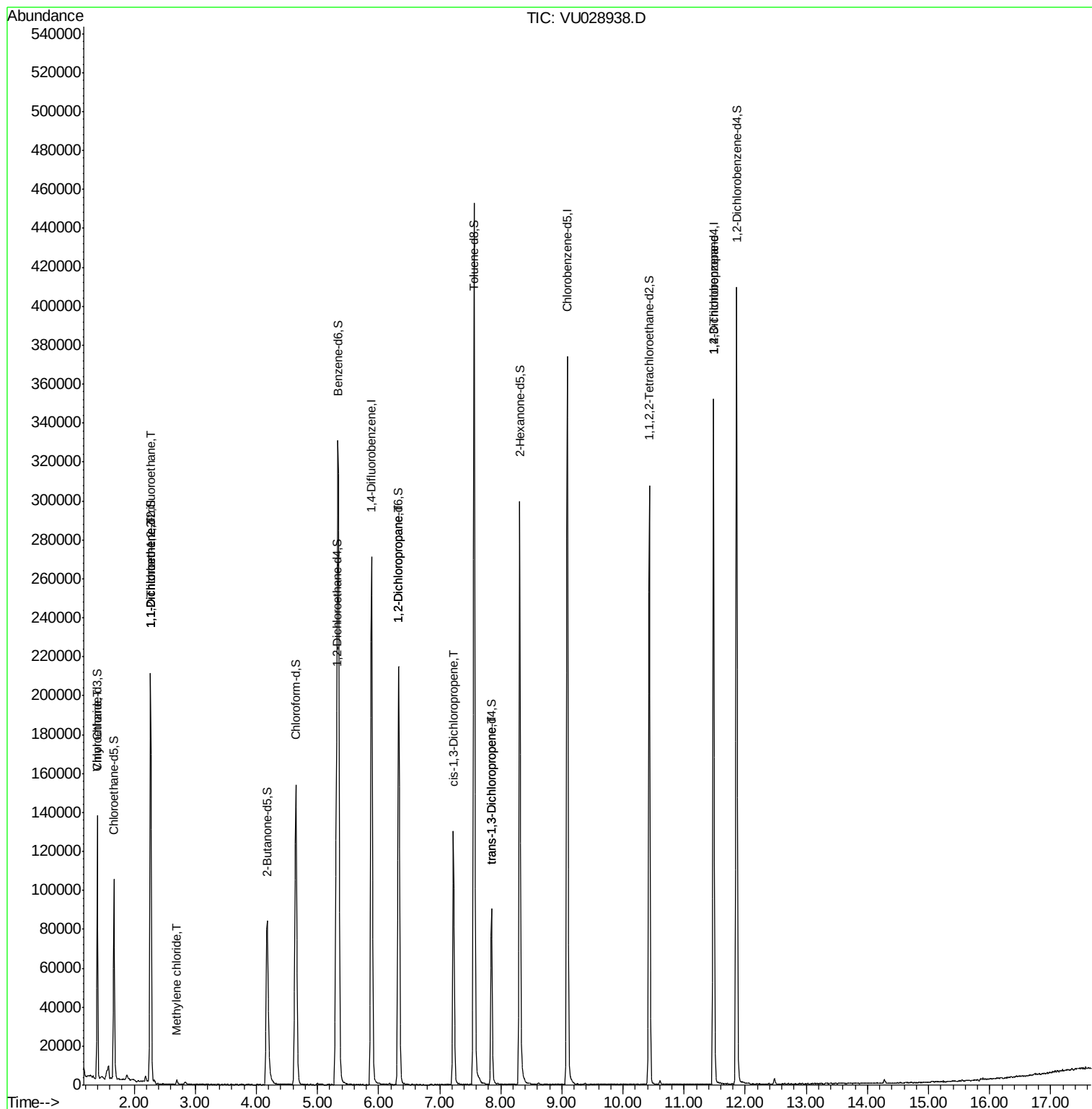
					Qvalue	
8) Chloroethane	1.40	64	1226	0.894	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1201	0.755	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	916	0.582	ug/L #	1
16) Methylene chloride	2.70	84	1109	0.572	ug/L #	77
37) 1,2-Dichloropropane	6.33	63	11455	5.741	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2760	0.970	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	2084	0.822	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	11054	4.643	ug/L	100

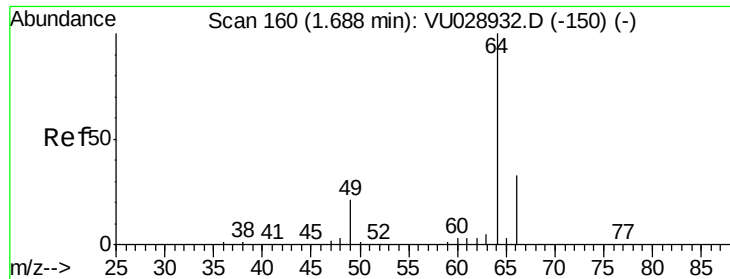
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.894 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028938.D

Acq: 24 Dec 2018 11:29

Instrument :

MSVOA_U

ClientSampleId :

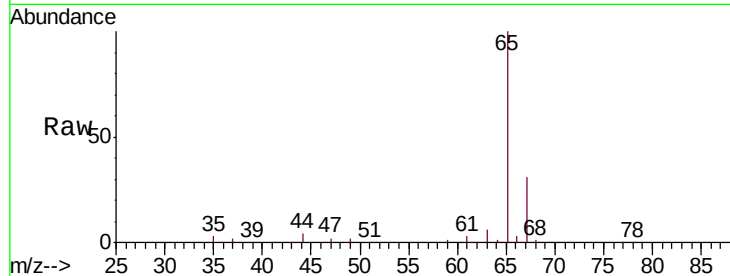
VHBLK02

Tgt Ion: 64 Resp: 1226

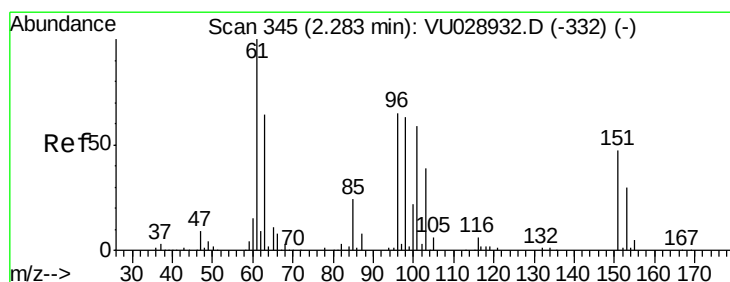
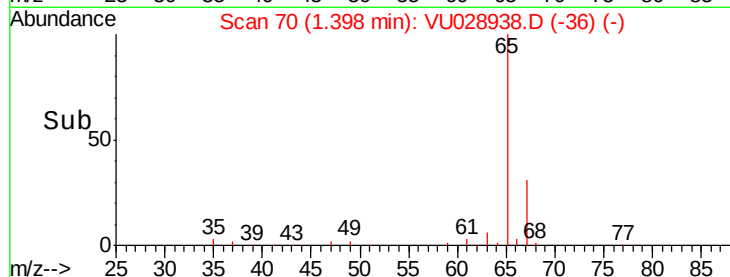
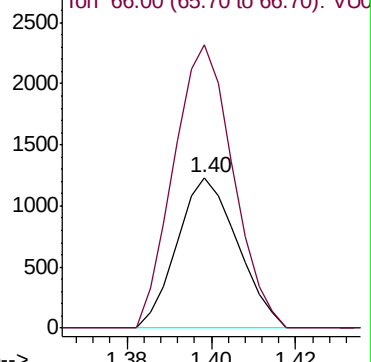
Ion Ratio Lower Upper

64 100

66 188.3 21.5 39.9#



Abundance Ion 64.00 (63.70 to 64.70): VU028938.D (-150) (-)



#10

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

Concen: 0.755 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028938.D

Acq: 24 Dec 2018 11:29

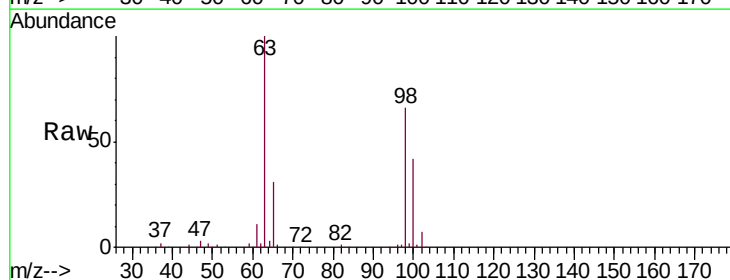
Tgt Ion: 101 Resp: 1201

Ion Ratio Lower Upper

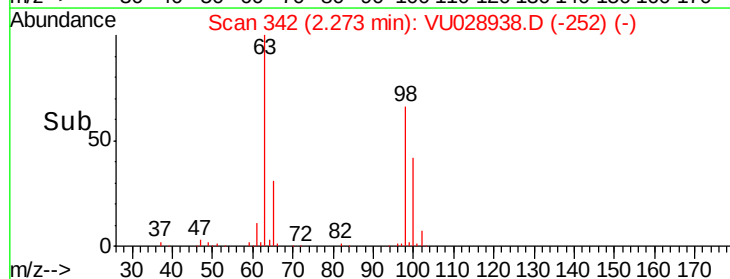
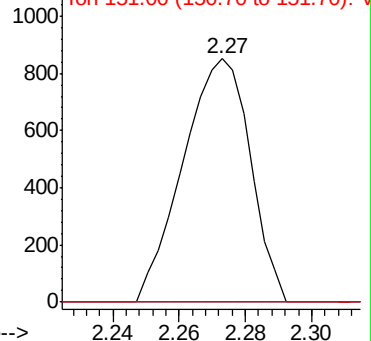
101 100

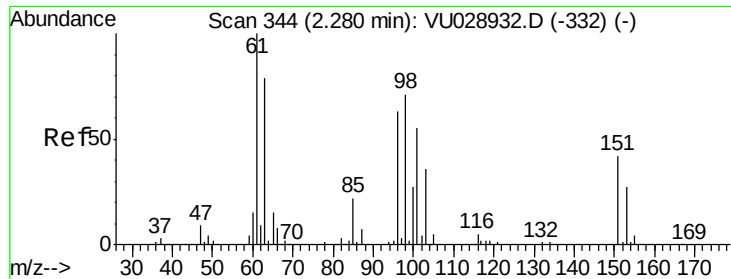
85 0.0 33.8 50.6#

151 0.0 59.4 89.0#



Abundance Ion 101.00 (100.70 to 101.70): VU028938.D (-252) (-)

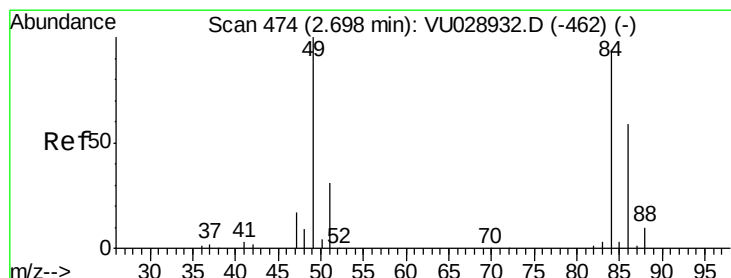
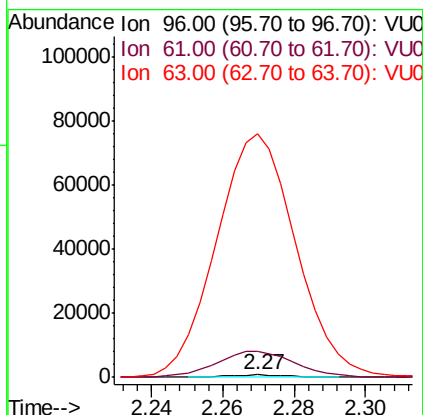
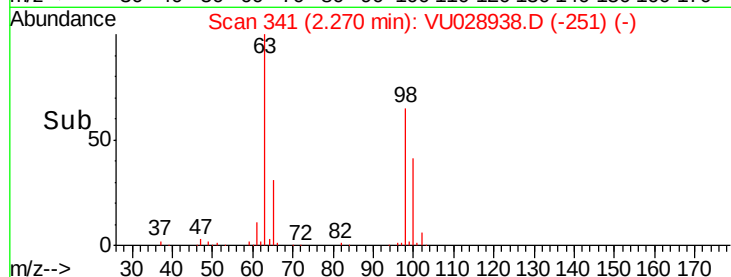
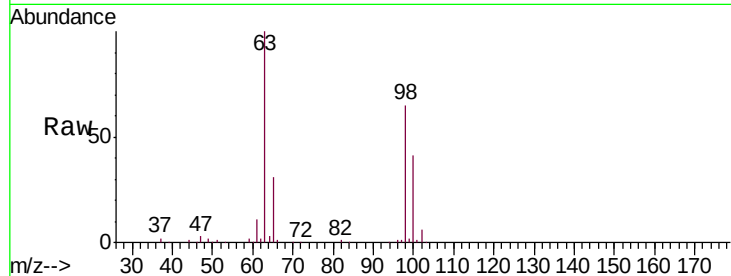




#12
 1,1-Dichloroethene
 Concen: 0.582 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU028938.D
 Acq: 24 Dec 2018 11:29

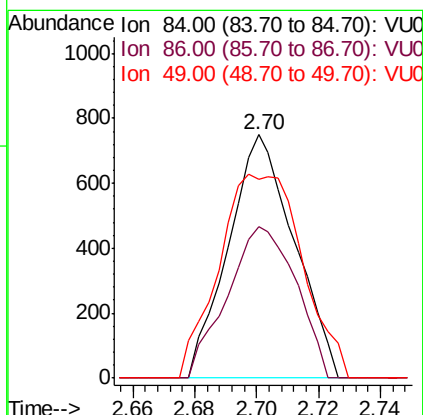
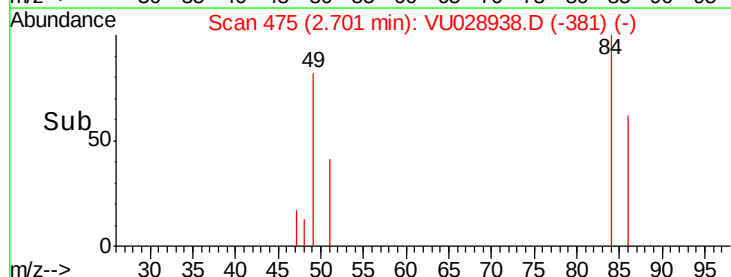
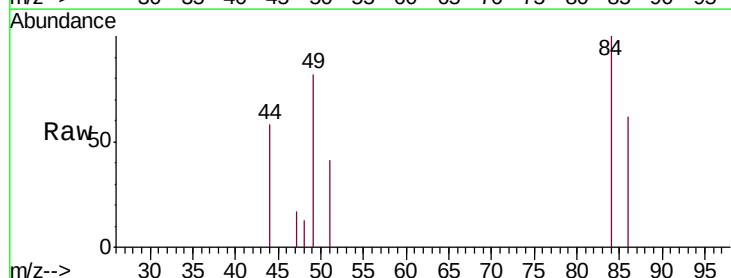
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

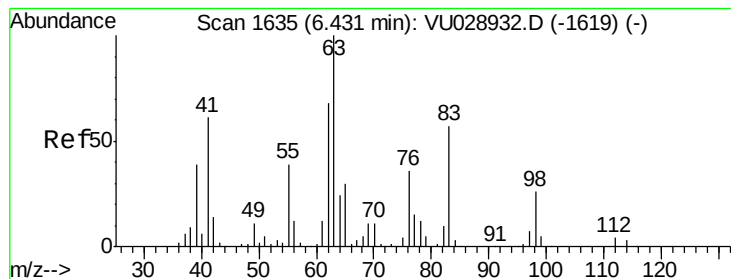
Tgt Ion: 96 Resp: 916
 Ion Ratio Lower Upper
 96 100
 61 1114.3 119.3 221.5#
 63 10325.0 107.4 199.6#



#16
 Methylene chloride
 Concen: 0.572 ug/L
 RT: 2.70 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VU028938.D
 Acq: 24 Dec 2018 11:29

Tgt Ion: 84 Resp: 1109
 Ion Ratio Lower Upper
 84 100
 86 62.0 44.9 83.3
 49 81.6 83.9 155.7#





#37

1,2-Dichloropropane

Concen: 5.741 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028938.D

Acq: 24 Dec 2018 11:29

Instrument :

MSVOA_U

ClientSampleId :

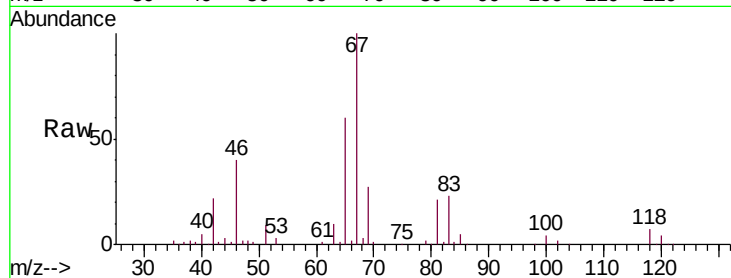
VHBLK02

Tgt Ion: 63 Resp: 11455

Ion Ratio Lower Upper

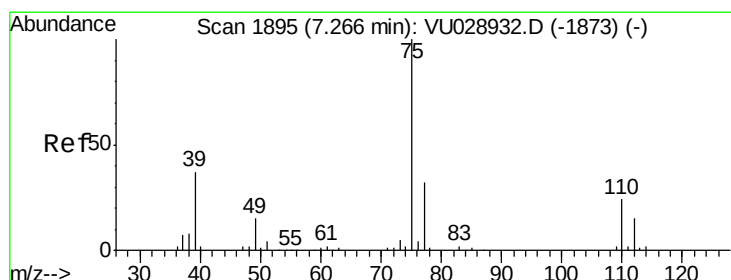
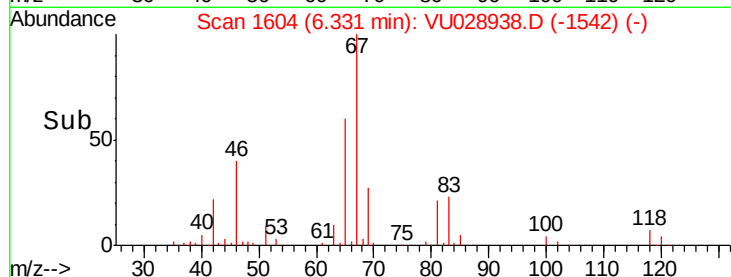
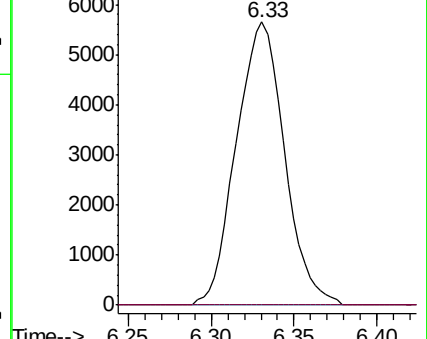
63 100

112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 7.22 min Scan# 1882

Delta R.T. -0.04 min

Lab File: VU028938.D

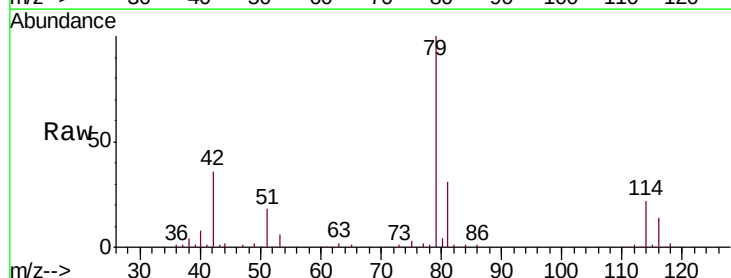
Acq: 24 Dec 2018 11:29

Tgt Ion: 75 Resp: 2760

Ion Ratio Lower Upper

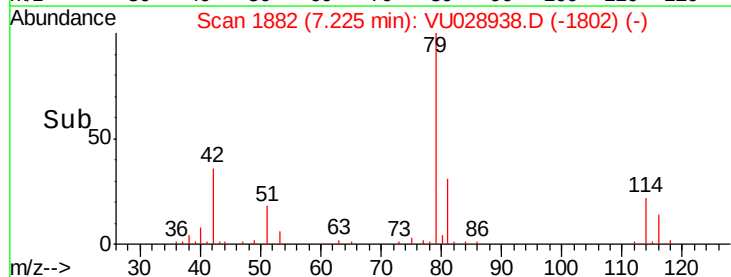
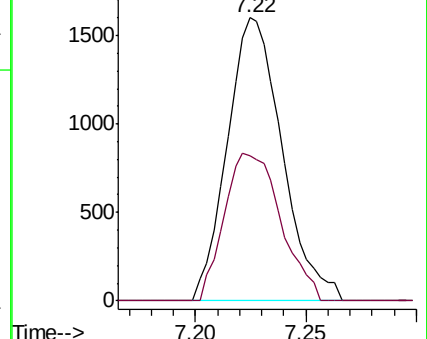
75 100

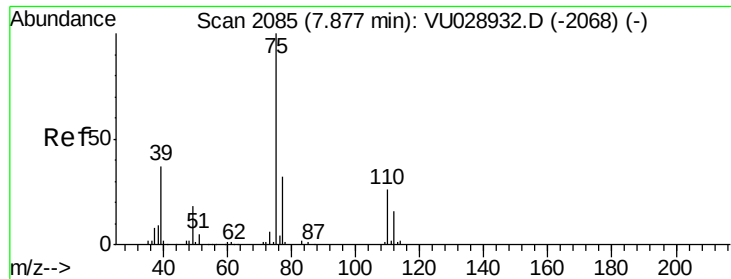
77 51.2 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.822 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028938.D

Acq: 24 Dec 2018 11:29

Instrument :

MSVOA_U

ClientSampleId :

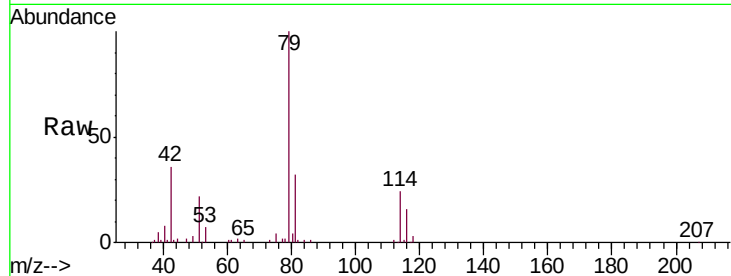
VHBLK02

Tgt Ion: 75 Resp: 2084

Ion Ratio Lower Upper

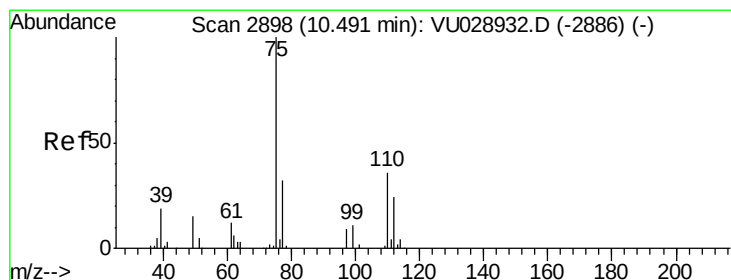
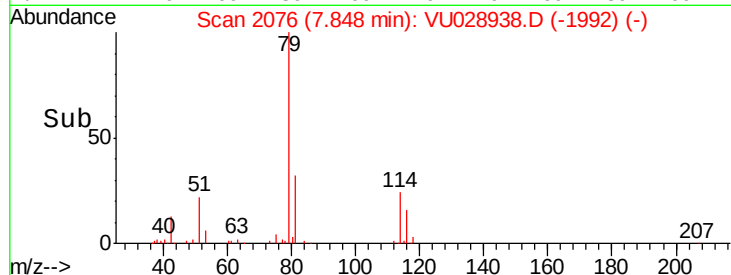
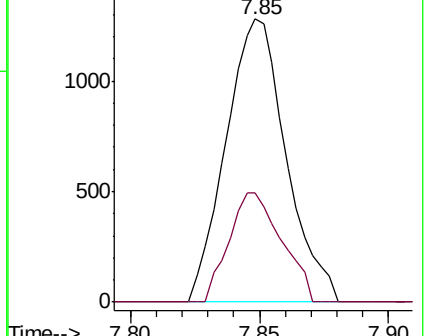
75 100

77 38.5 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: 4.643 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028938.D

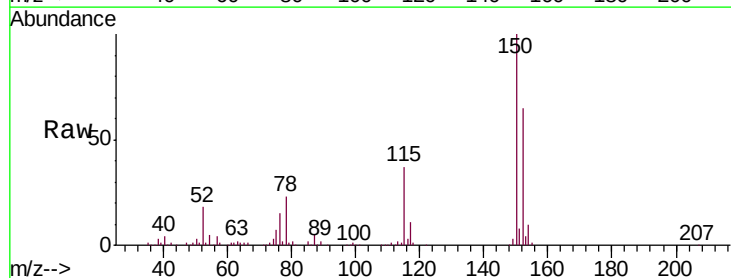
Acq: 24 Dec 2018 11:29

Tgt Ion: 75 Resp: 11054

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

