

Data File : VU028605.D
Acq On : 11 Dec 2018 14:04
Operator : MD/SY
Sample : J6263-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Dec 12 05:47:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 05:44:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	144461	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	136266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57209	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60971	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.38%
7) Chloroethane-d5	1.68	69	48308	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.54%
11) 1,1-Dichloroethene-d2	2.27	63	83391	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
21) 2-Butanone-d5	4.17	46	113508	104.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	4.65	84	104743	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.31	65	71305	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
32) Benzene-d6	5.34	84	218592	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
36) 1,2-Dichloropropane-d6	6.33	67	79868	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.38%
41) Toluene-d8	7.56	98	190246	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%
43) trans-1,3-Dichloropropene-	7.85	79	34716	49.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.22%
47) 2-Hexanone-d5	8.31	63	79309	107.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101686	51.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	63139	54.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

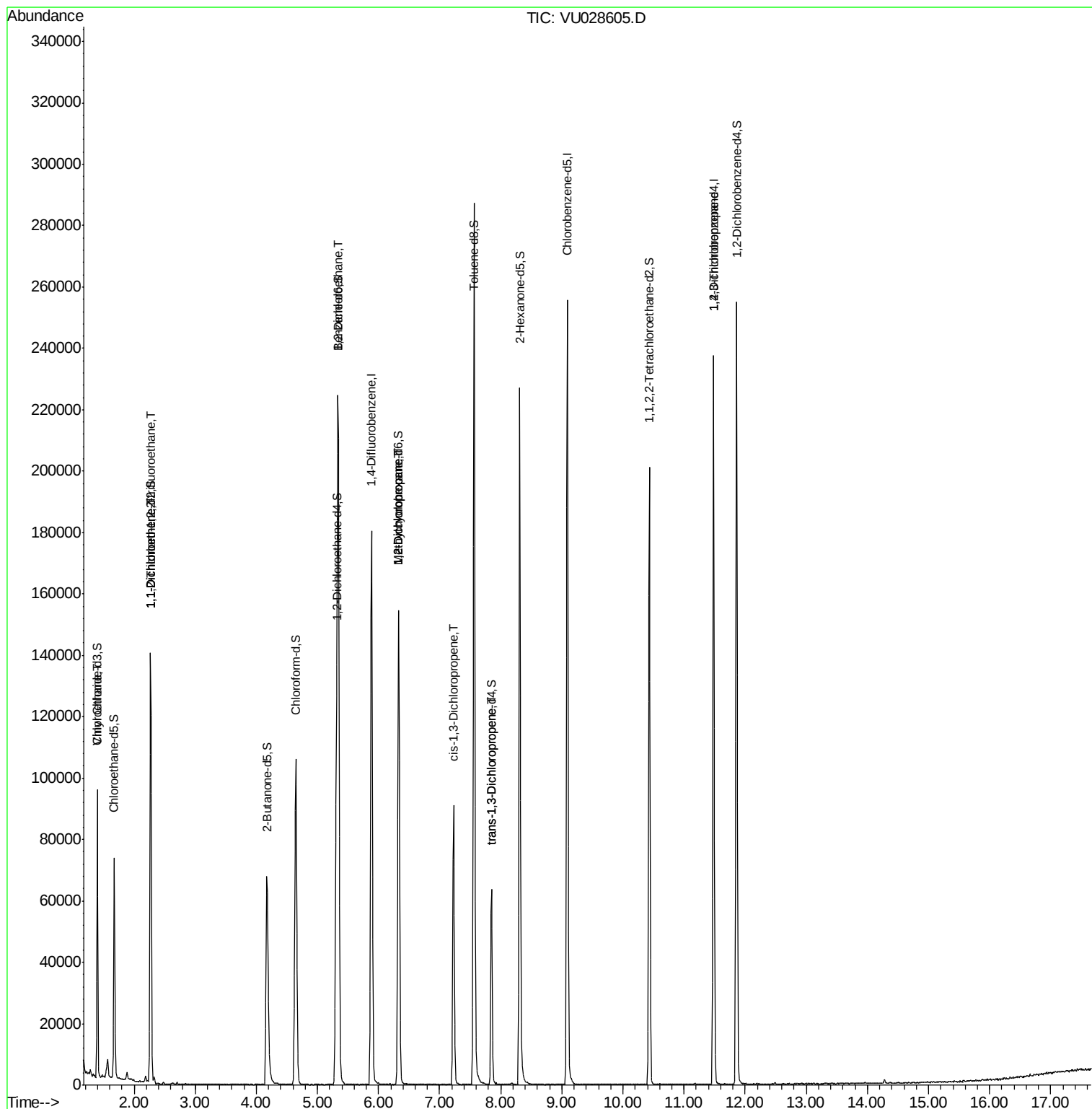
					Qvalue	
8) Chloroethane	1.40	64	862	0.939	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	601	0.598	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	542	0.570	ug/L #	1
27) 1,2-Dichloroethane	5.34	62	1129	0.634	ug/L #	76
35) Methylcyclohexane	6.33	83	16432	8.256	ug/L #	15
37) 1,2-Dichloropropane	6.32	63	8096	5.572	ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	1931	0.936	ug/L #	72
44) trans-1,3-Dichloropropene	7.84	75	1301	0.684	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	8053	4.905	ug/L	89

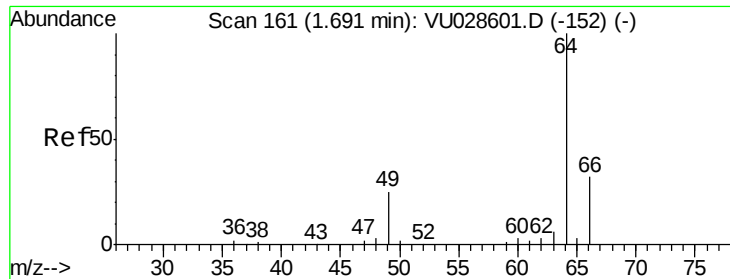
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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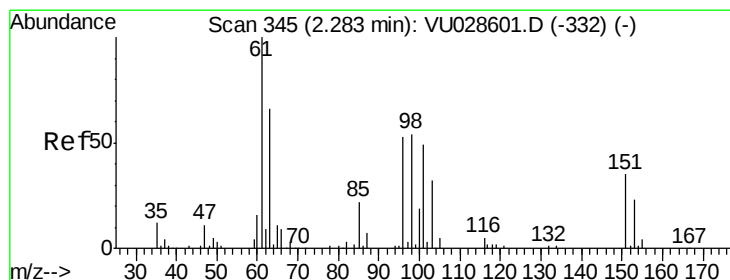
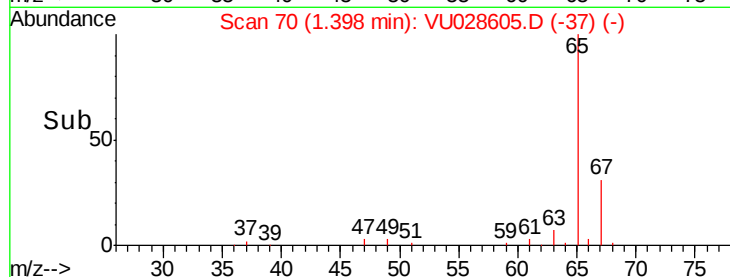
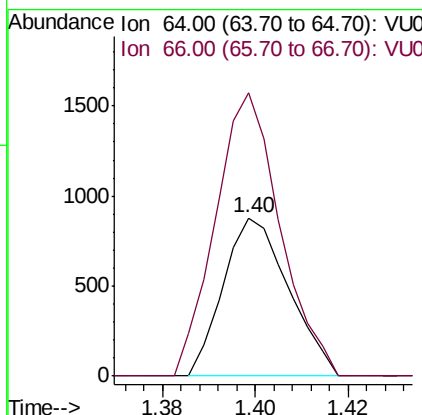
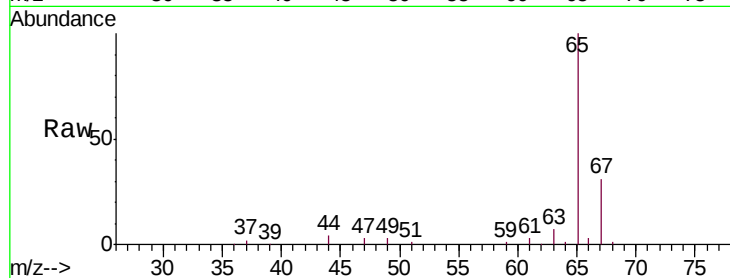




#8
Chloroethane
Concen: 0.939 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028605.D
Acq: 11 Dec 2018 14:04

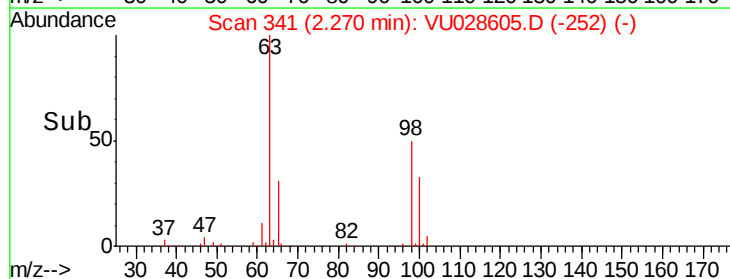
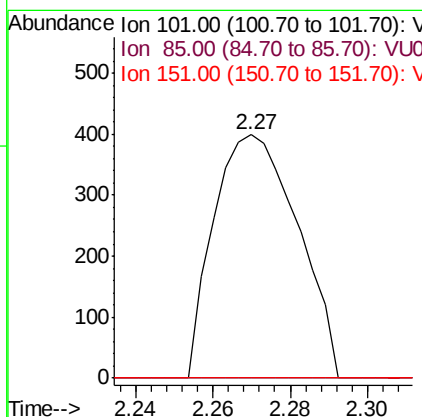
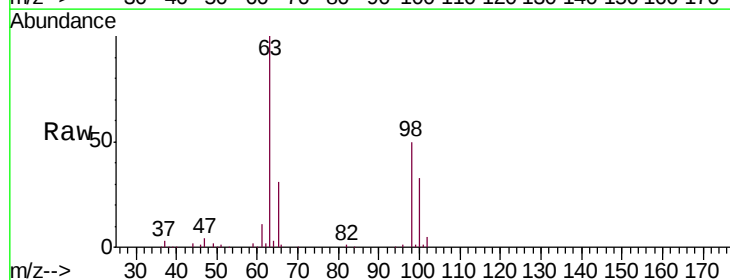
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

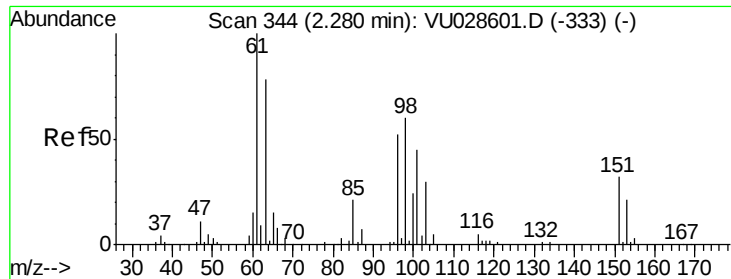
Tgt Ion: 64 Resp: 862
Ion Ratio Lower Upper
64 100
66 179.2 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.598 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028605.D
Acq: 11 Dec 2018 14:04

Tgt Ion: 101 Resp: 601
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: 0.570 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028605.D

Acq: 11 Dec 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

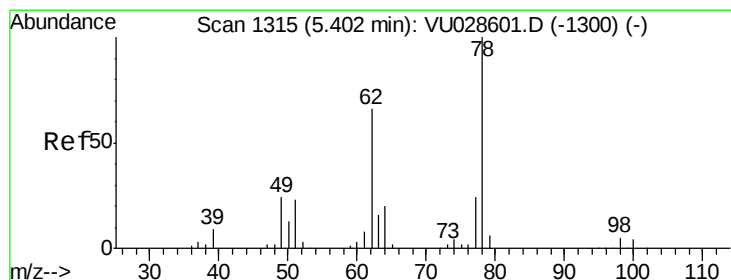
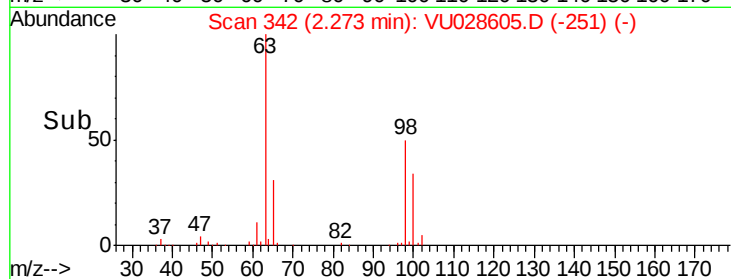
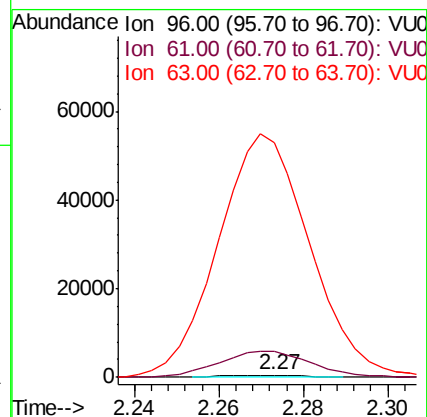
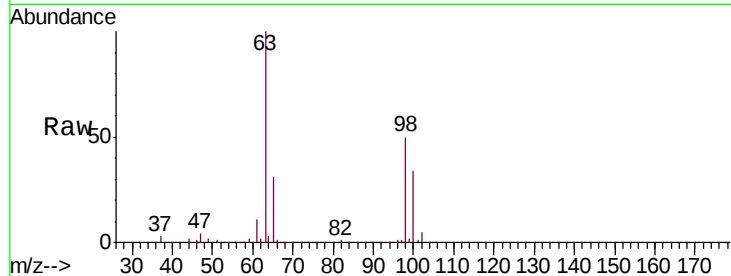
Tgt Ion: 96 Resp: 542

Ion Ratio Lower Upper

96 100

61 1491.5 143.2 266.0#

63 13709.6 130.1 241.7#



#27

1,2-Dichloroethane

Concen: 0.634 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU028605.D

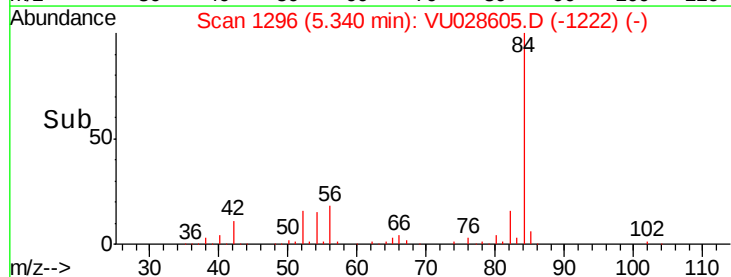
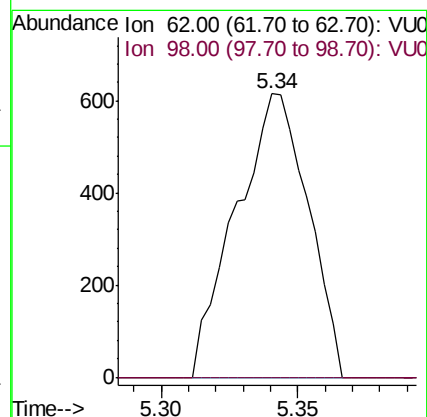
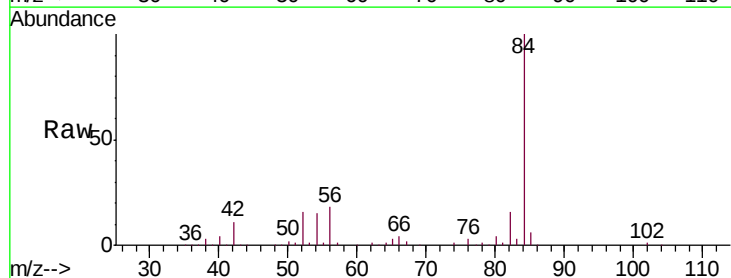
Acq: 11 Dec 2018 14:04

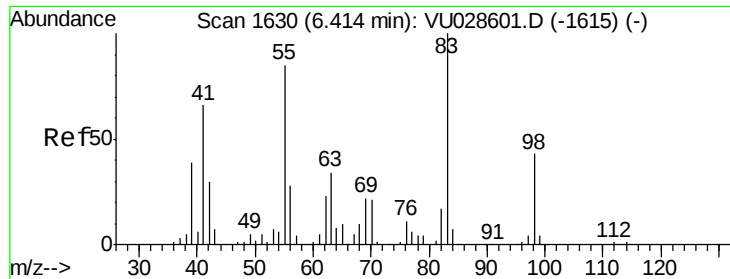
Tgt Ion: 62 Resp: 1129

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#

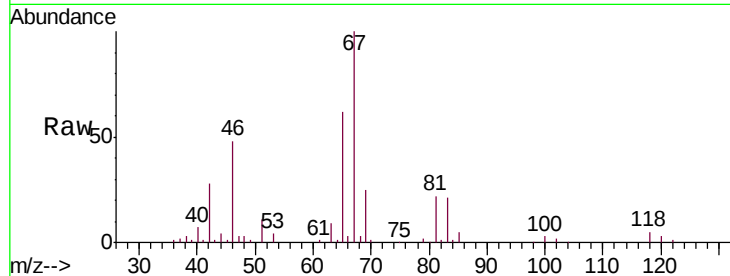




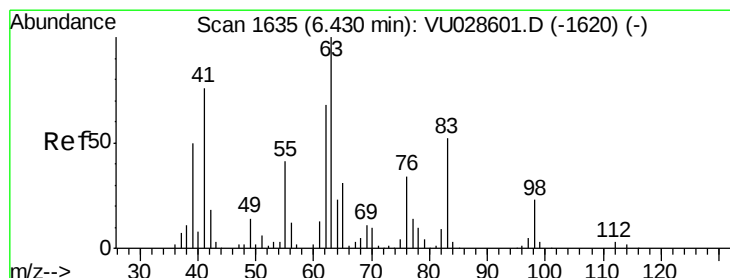
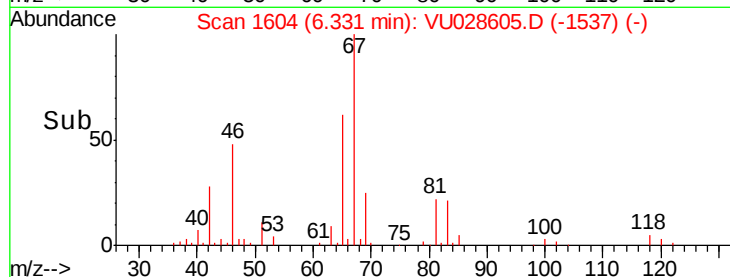
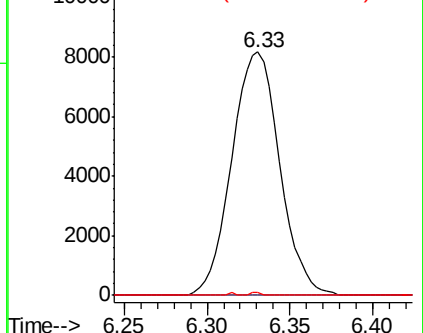
#35
Methylcyclohexane
Concen: 8.256 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028605.D
Acq: 11 Dec 2018 14:04

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 16432
Ion Ratio Lower Upper
83 100
55 0.0 70.1 105.1#
98 0.2 34.4 51.6#

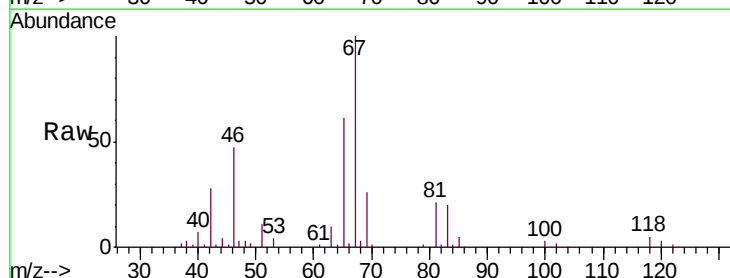


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

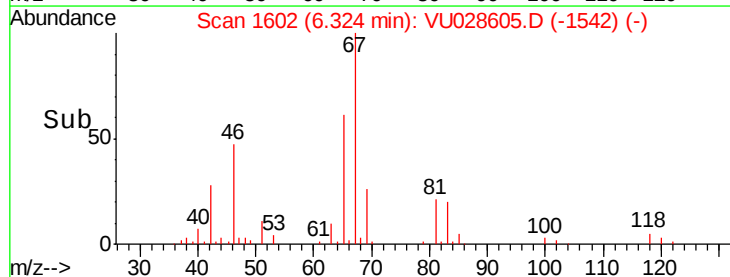
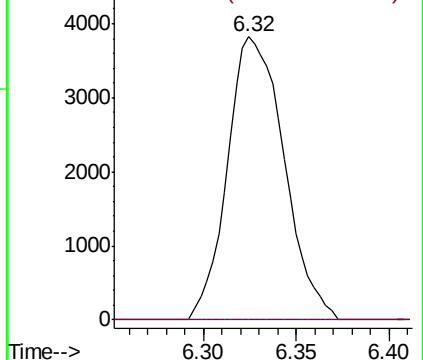


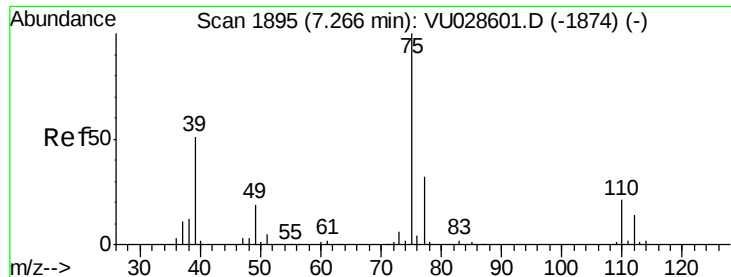
#37
1,2-Dichloropropane
Concen: 5.572 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.11 min
Lab File: VU028605.D
Acq: 11 Dec 2018 14:04

Tgt Ion: 63 Resp: 8096
Ion Ratio Lower Upper
63 100
112 0.0 2.4 3.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

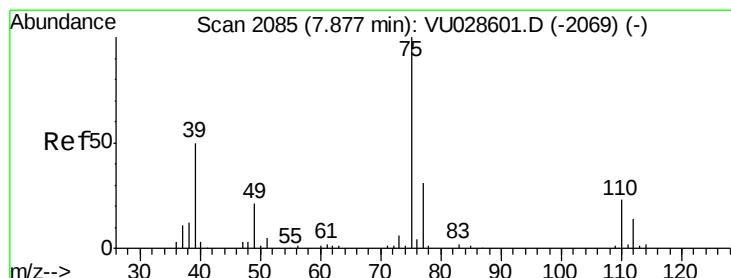
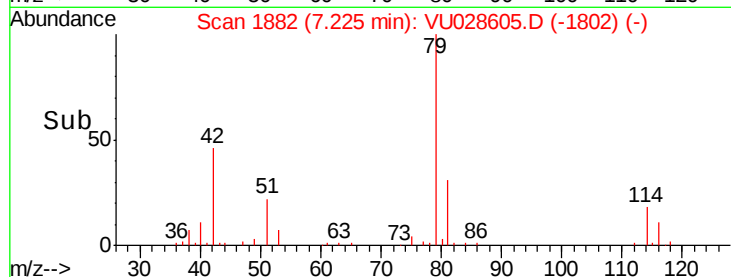
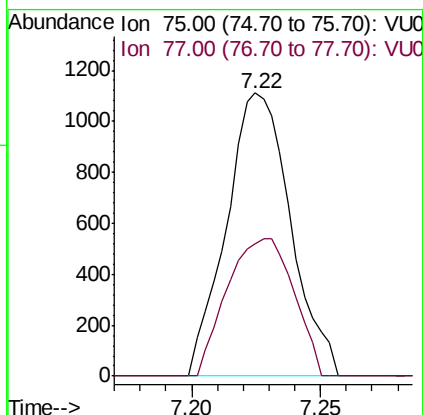
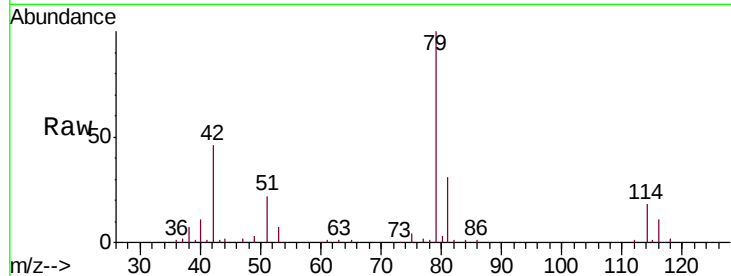




#39
 cis-1,3-Dichloropropene
 Concen: 0.936 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028605.D
 Acq: 11 Dec 2018 14:04

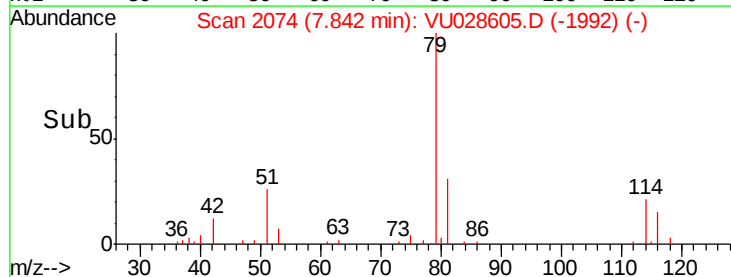
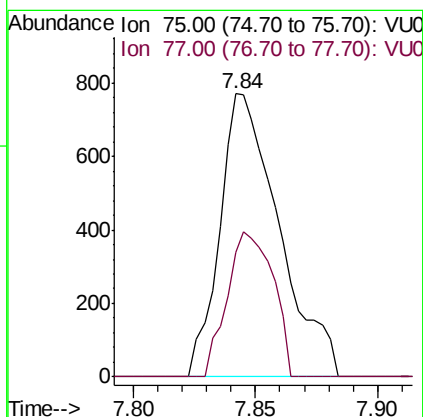
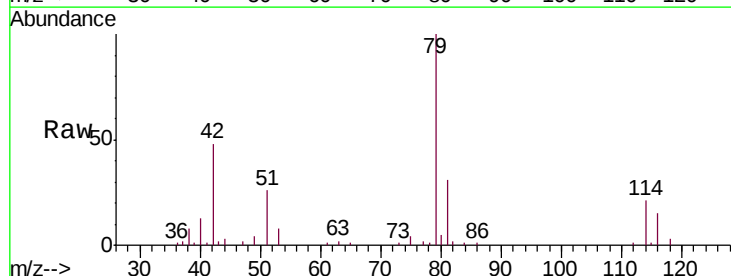
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

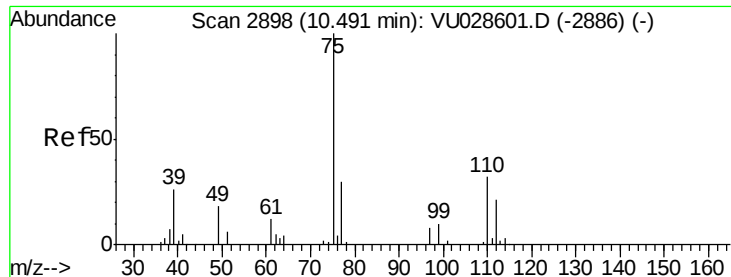
Tgt Ion: 75 Resp: 1931
 Ion Ratio Lower Upper
 75 100
 77 46.7 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.684 ug/L
 RT: 7.84 min Scan# 2074
 Delta R.T. -0.04 min
 Lab File: VU028605.D
 Acq: 11 Dec 2018 14:04

Tgt Ion: 75 Resp: 1301
 Ion Ratio Lower Upper
 75 100
 77 44.2 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 4.905 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028605.D

Acq: 11 Dec 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 8053

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.2

