

Data File : VU028767.D
Acq On : 18 Dec 2018 14:00
Operator : MD/SY
Sample : J6383-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 19 00:41:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	182983	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	171778	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71308	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79661	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.24%
7) Chloroethane-d5	1.67	69	60936	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.14%
11) 1,1-Dichloroethene-d2	2.27	63	99799	33.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.24%
21) 2-Butanone-d5	4.18	46	115347	84.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.05%
24) Chloroform-d	4.65	84	119660	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.31	65	76686	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.34	84	266355	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
36) 1,2-Dichloropropane-d6	6.33	67	92655	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.06%
41) Toluene-d8	7.57	98	238797	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	7.85	79	39897	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.46%
47) 2-Hexanone-d5	8.31	63	92378	98.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122579	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	81244	56.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.32%

Target Compounds

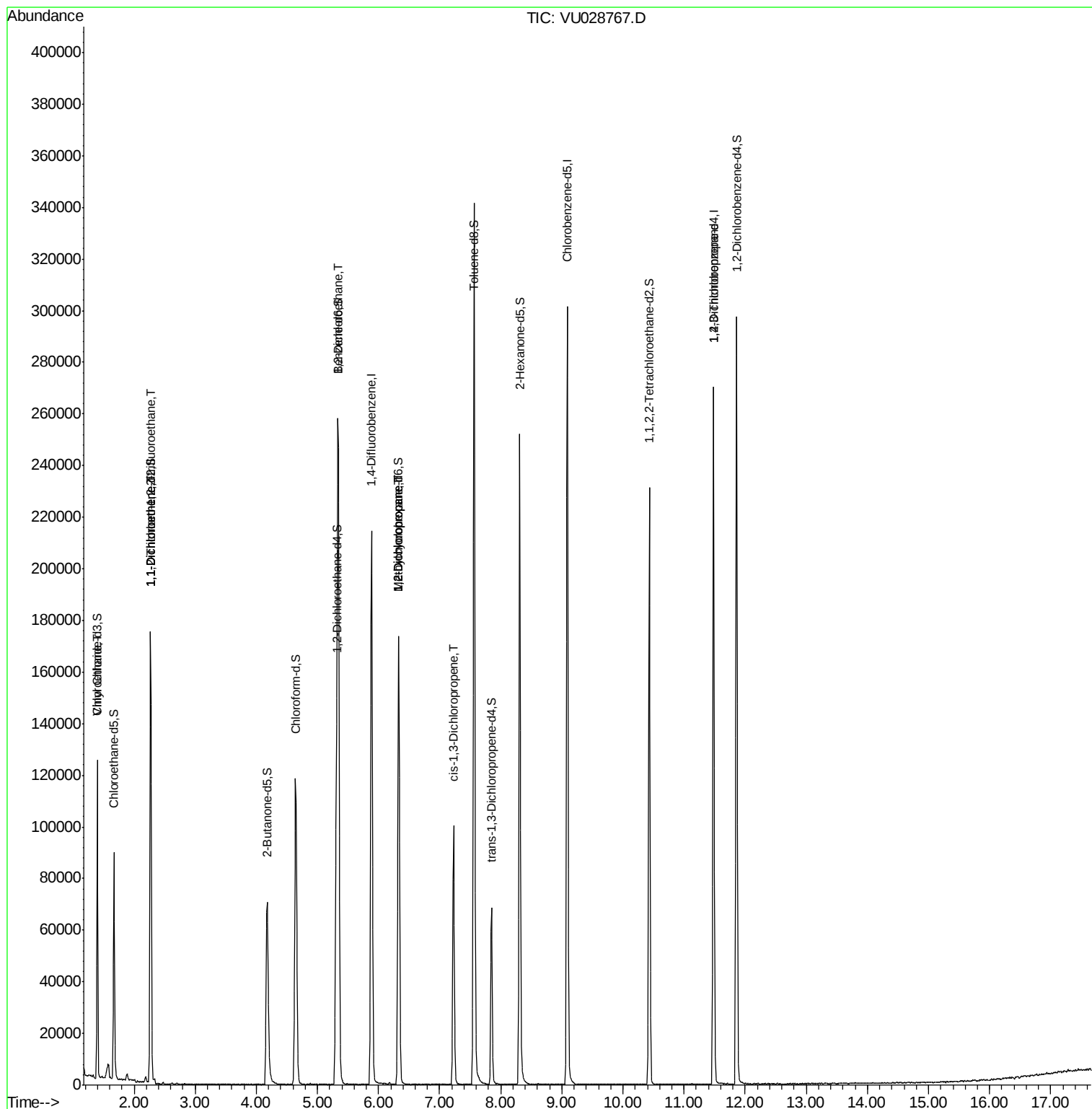
					Qvalue
8) Chloroethane	1.40	64	1103	0.949 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	897	0.705 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	856	0.710 ug/L #	1
27) 1,2-Dichloroethane	5.33	62	1218	0.540 ug/L #	76
35) Methylcyclohexane	6.33	83	19371	7.720 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8843	4.828 ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	2044	0.786 ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	8927	4.313 ug/L	98

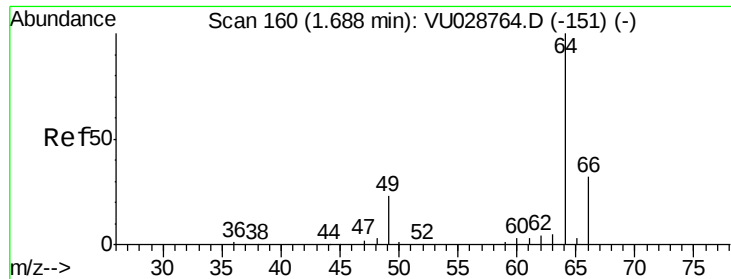
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.949 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028767.D

Acq: 18 Dec 2018 14:00

Instrument :

MSVOA_U

ClientSampleId :

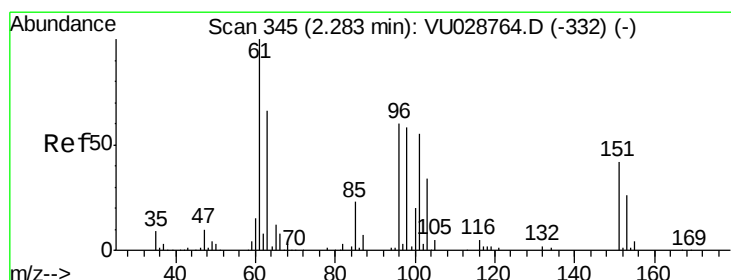
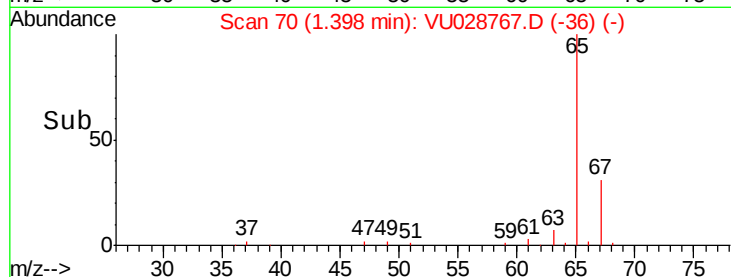
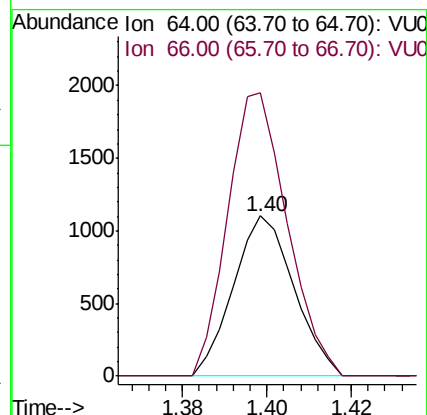
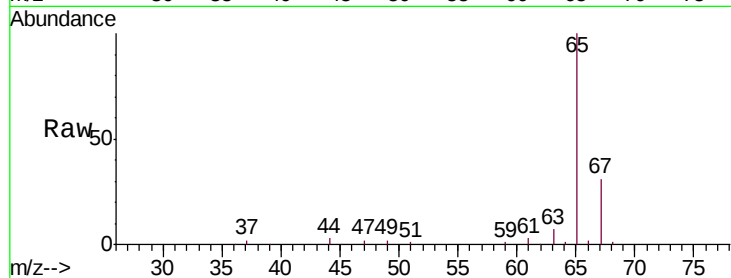
VHBLK01

Tgt Ion: 64 Resp: 1103

Ion Ratio Lower Upper

64 100

66 176.7 22.4 41.6#



#10

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

Concen: 0.705 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028767.D

Acq: 18 Dec 2018 14:00

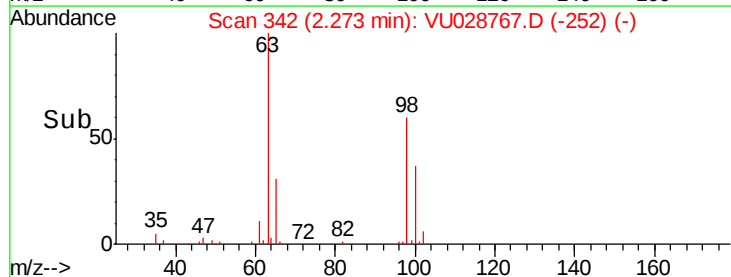
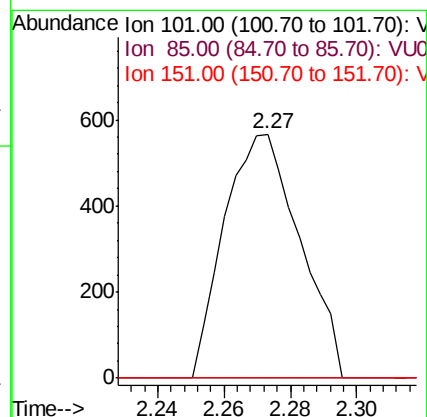
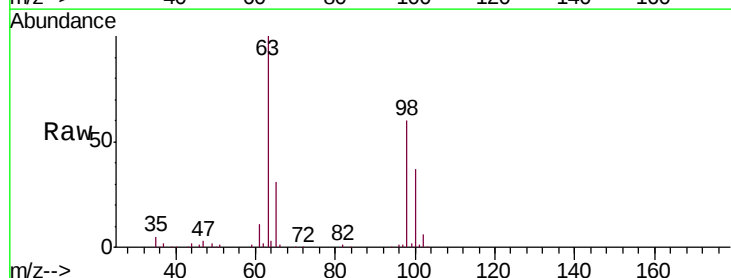
Tgt Ion: 101 Resp: 897

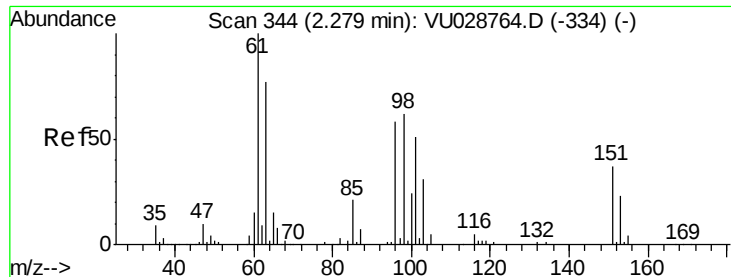
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 55.8 83.8#

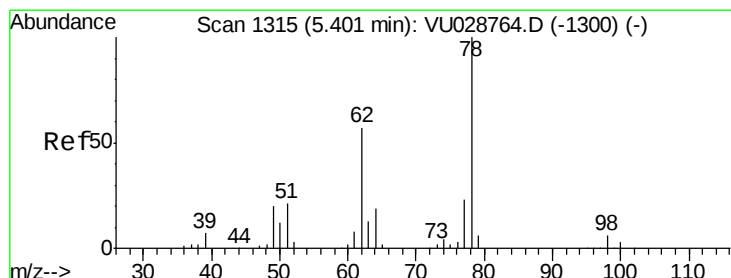
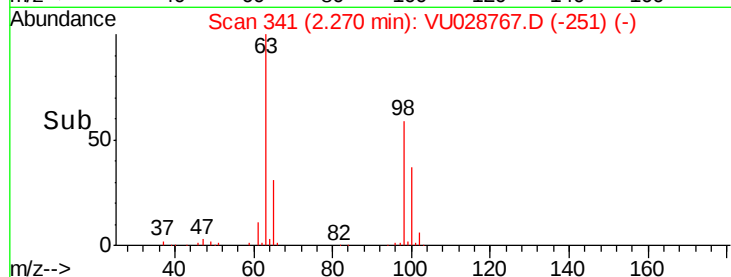
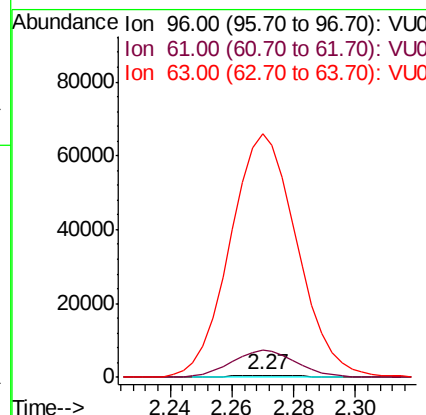
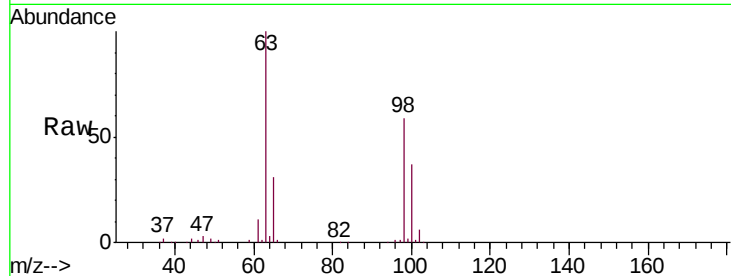




#12
 1,1-Dichloroethene
 Concen: 0.710 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU028767.D
 Acq: 18 Dec 2018 14:00

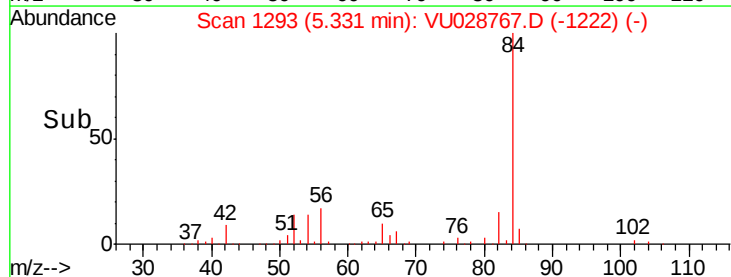
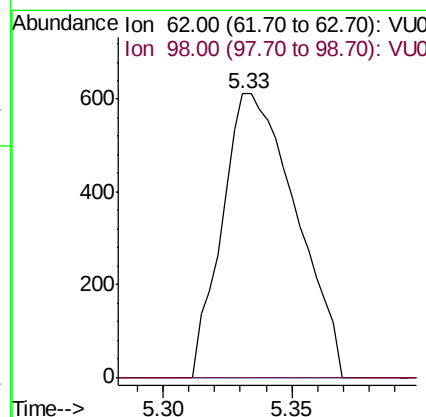
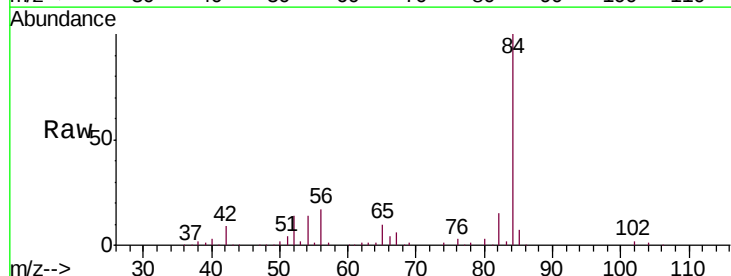
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

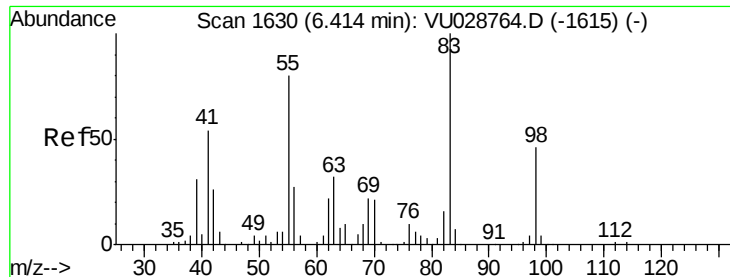
Tgt Ion: 96 Resp: 856
 Ion Ratio Lower Upper
 96 100
 61 1441.5 143.2 266.0#
 63 12952.5 130.1 241.7#



#27
 1,2-Dichloroethane
 Concen: 0.540 ug/L
 RT: 5.33 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: VU028767.D
 Acq: 18 Dec 2018 14:00

Tgt Ion: 62 Resp: 1218
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#

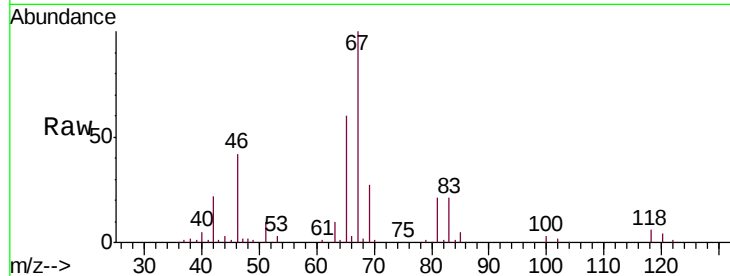




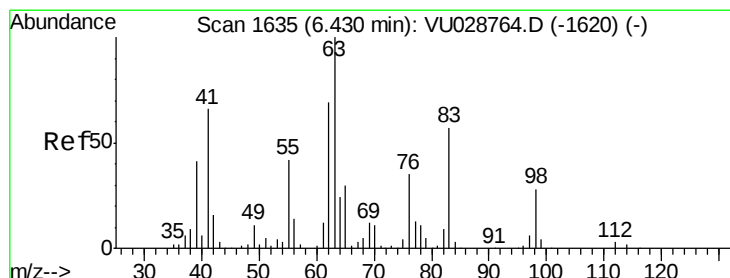
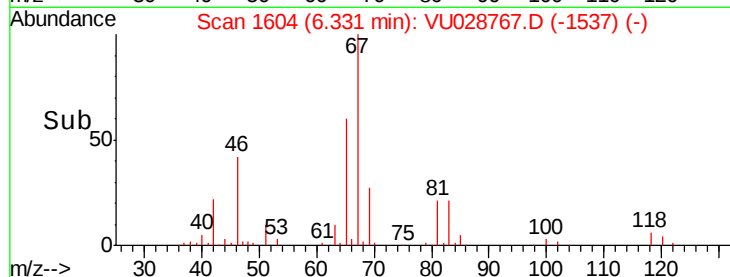
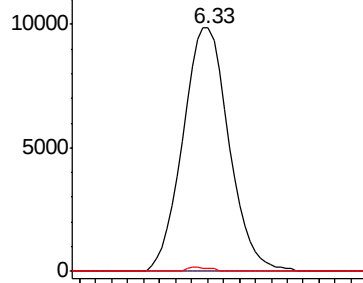
#35
Methylcyclohexane
Concen: 7.720 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028767.D
Acq: 18 Dec 2018 14:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 19371
Ion Ratio Lower Upper
83 100
55 0.0 70.1 105.1#
98 0.7 34.4 51.6#

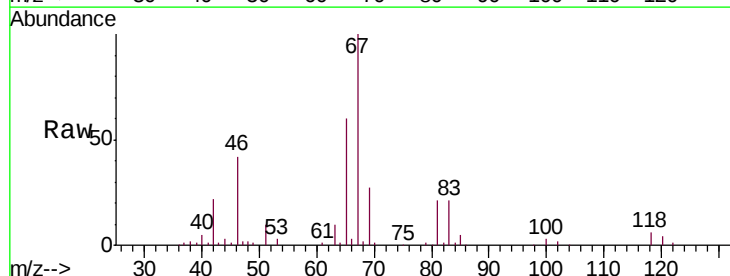


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

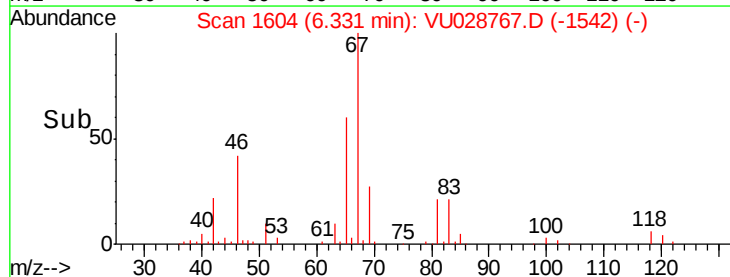
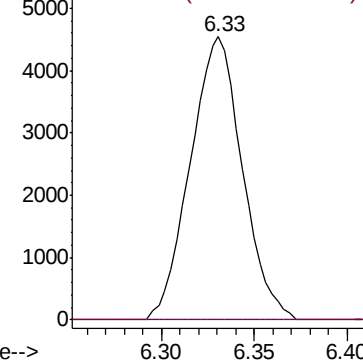


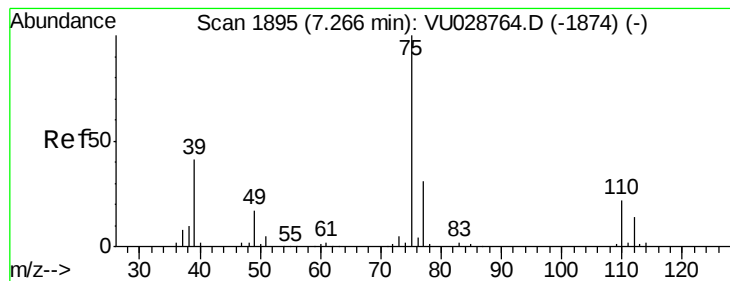
#37
1,2-Dichloropropane
Concen: 4.828 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028767.D
Acq: 18 Dec 2018 14:00

Tgt Ion: 63 Resp: 8843
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



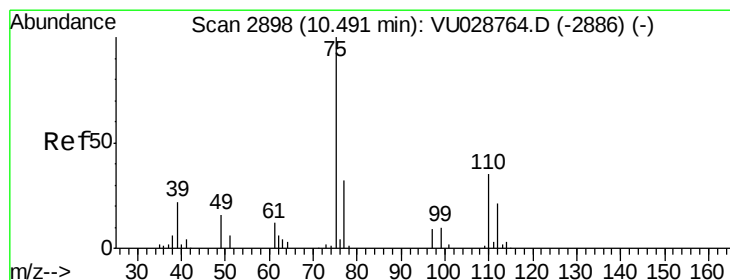
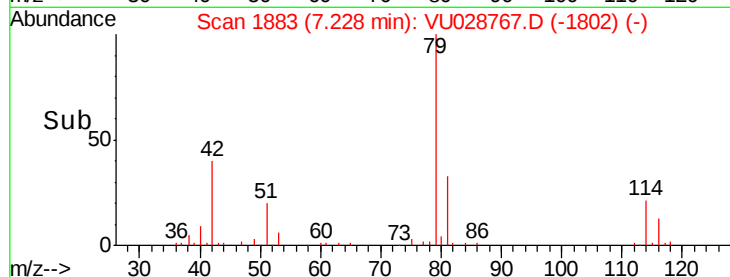
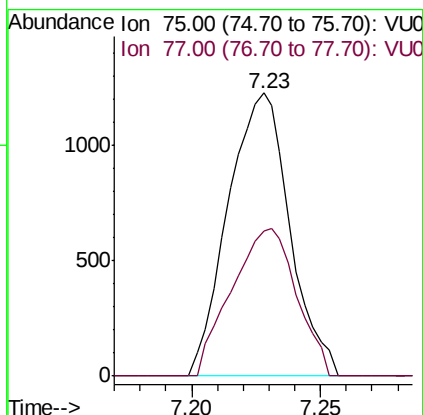
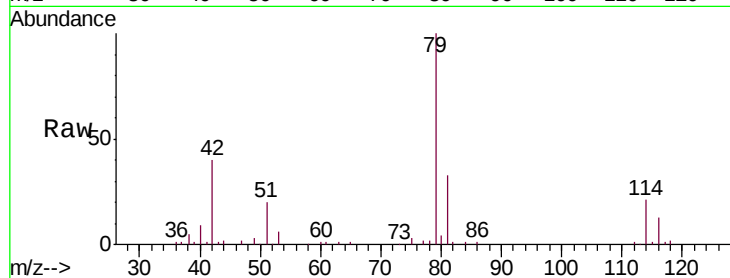


#39

cis-1,3-Dichloropropene
Concen: 0.786 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028767.D
Acq: 18 Dec 2018 14:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2044
Ion Ratio Lower Upper
75 100
77 51.4 21.8 40.6#



#59

1,2,3-Trichloropropane
Concen: 4.313 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028767.D
Acq: 18 Dec 2018 14:00

Tgt Ion: 75 Resp: 8927
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2

