

Data File : VU028779.D
Acq On : 18 Dec 2018 18:59
Operator : MD/SY
Sample : J6422-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 19 00:44:04 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	5.88	114	179296	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81607	48.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.48%
7) Chloroethane-d5	1.67	69	61877	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.27	63	102537	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	4.17	46	121247	90.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	4.65	84	123368	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
26) 1,2-Dichloroethane-d4	5.30	65	78835	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
32) Benzene-d6	5.34	84	275039	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.36%
36) 1,2-Dichloropropane-d6	6.33	67	94541	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.56	98	243239	51.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.18%
43) trans-1,3-Dichloropropene-	7.85	79	40381	47.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.18%
47) 2-Hexanone-d5	8.31	63	94525	104.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	123570	50.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	82206	57.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.94%

Target Compounds

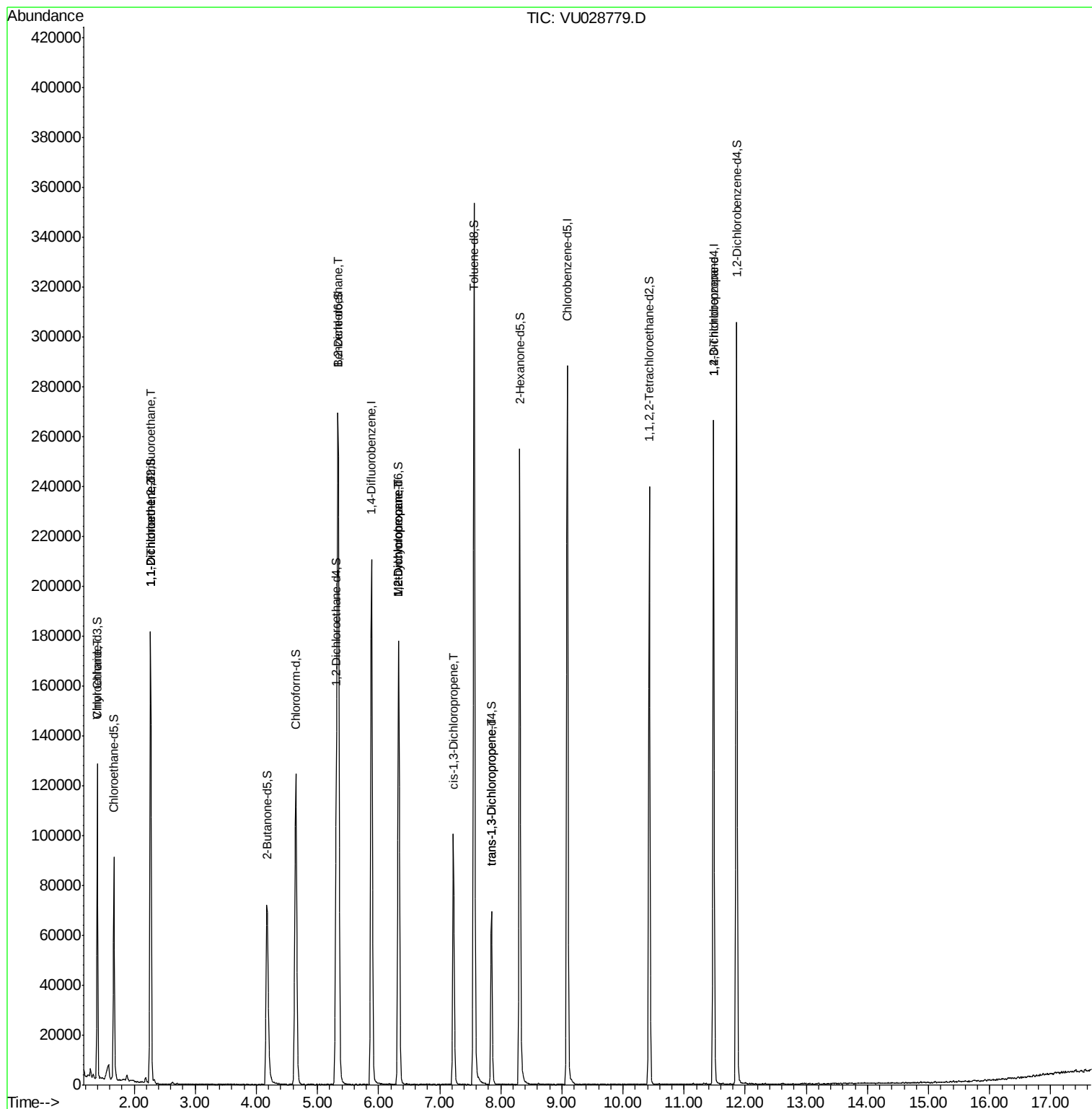
					Qvalue
8) Chloroethane	1.40	64	1000	0.878 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	897	0.720 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	797	0.675 ug/L #	1
27) 1,2-Dichloroethane	5.34	62	1252	0.567 ug/L #	76
35) Methylcyclohexane	6.33	83	19562	8.020 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8922	5.011 ug/L #	91
39) cis-1,3-Dichloropropene	7.23	75	2095	0.829 ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1407	0.604 ug/L	85
59) 1,2,3-Trichloropropane	11.48	75	8580	4.265 ug/L	92

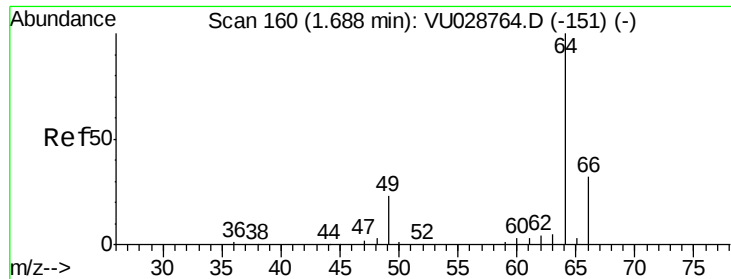
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028779.D
Acq On : 18 Dec 2018 18:59
Operator : MD/SY
Sample : J6422-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 19 00:44:04 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

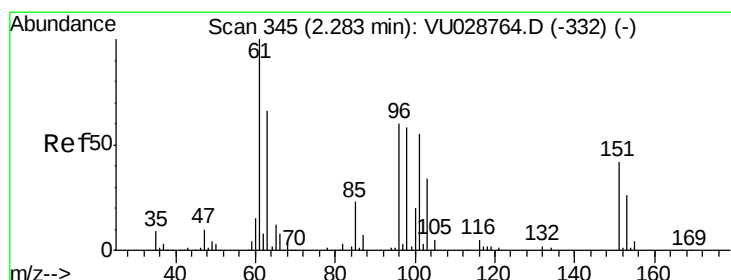
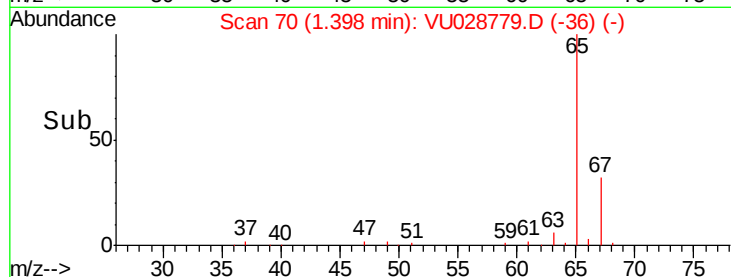
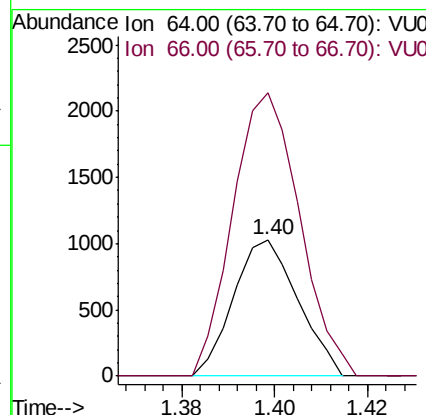
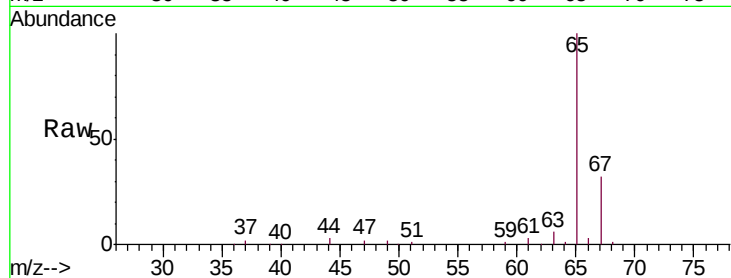




#8
 Chloroethane
 Concen: 0.878 ug/L
 RT: 1.40 min Scan# 70
 Delta R.T. -0.29 min
 Lab File: VU028779.D
 Acq: 18 Dec 2018 18:59

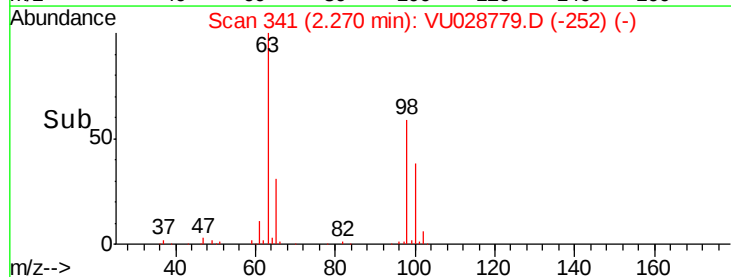
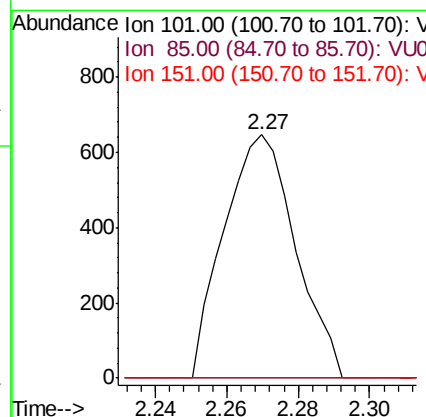
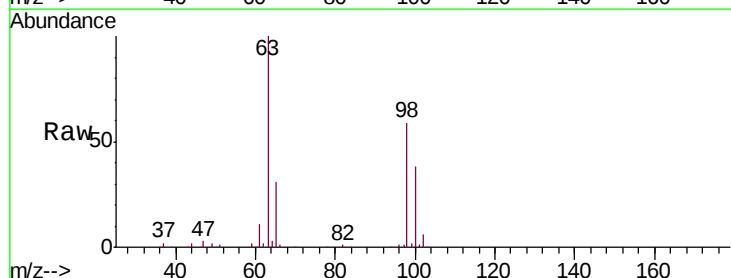
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

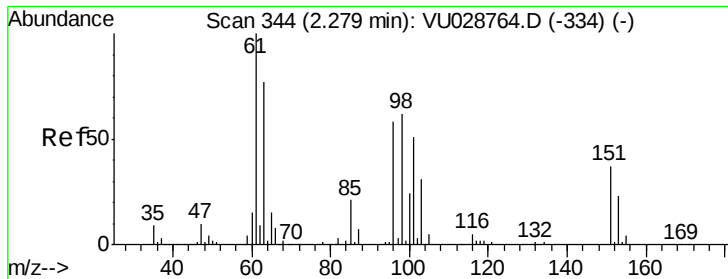
Tgt Ion: 64 Resp: 1000
 Ion Ratio Lower Upper
 64 100
 66 207.0 22.4 41.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.720 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU028779.D
 Acq: 18 Dec 2018 18:59

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: 0.675 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028779.D

Acq: 18 Dec 2018 18:59

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

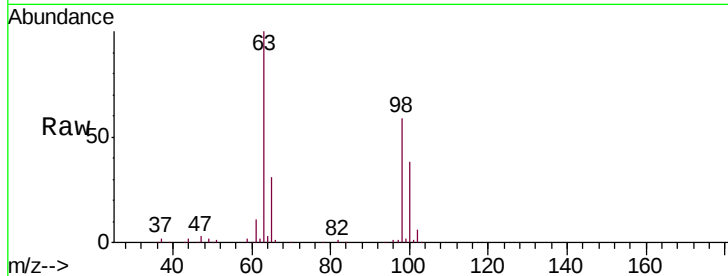
Tgt Ion: 96 Resp: 797

Ion Ratio Lower Upper

96 100

61 1138.0 143.2 266.0#

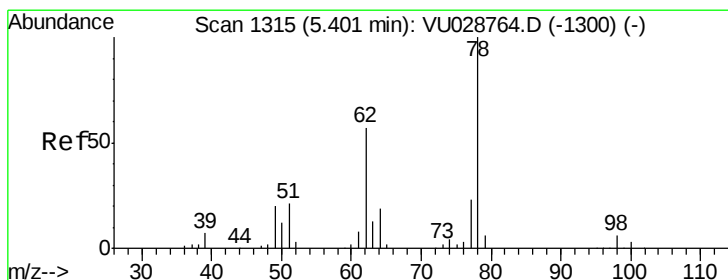
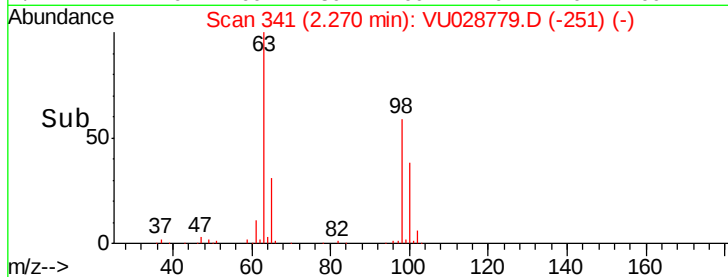
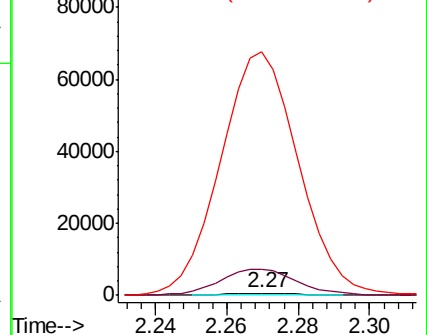
63 10581.5 130.1 241.7#



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



#27

1,2-Dichloroethane

Concen: 0.567 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.06 min

Lab File: VU028779.D

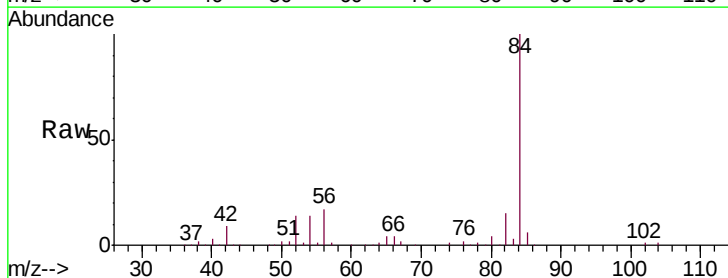
Acq: 18 Dec 2018 18:59

Tgt Ion: 62 Resp: 1252

Ion Ratio Lower Upper

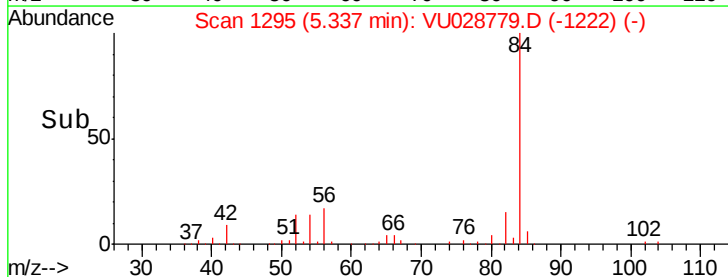
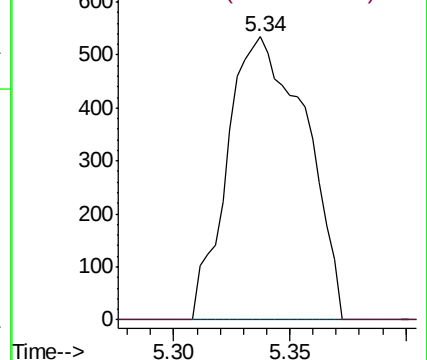
62 100

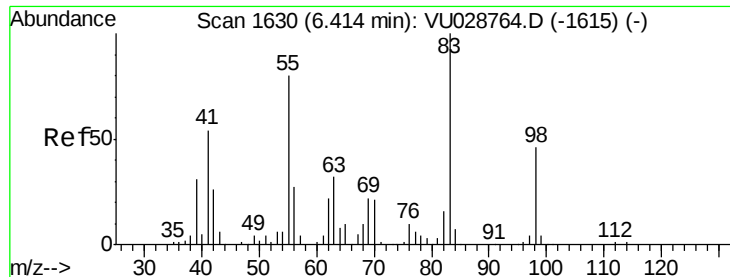
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

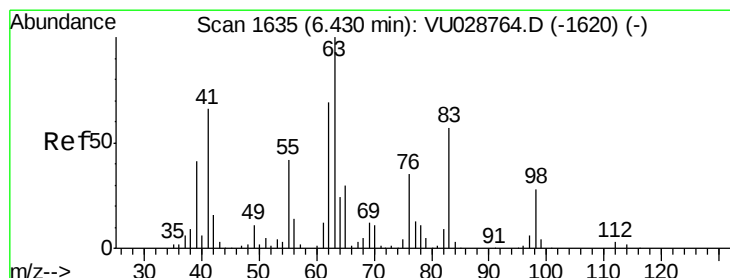
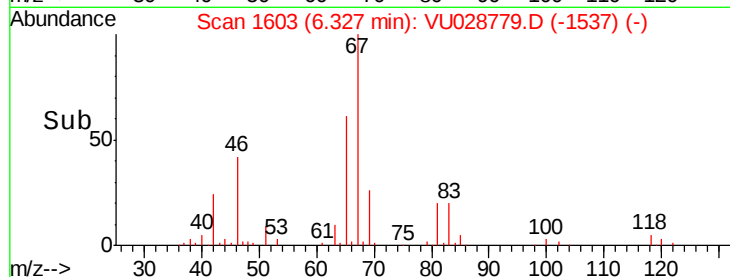
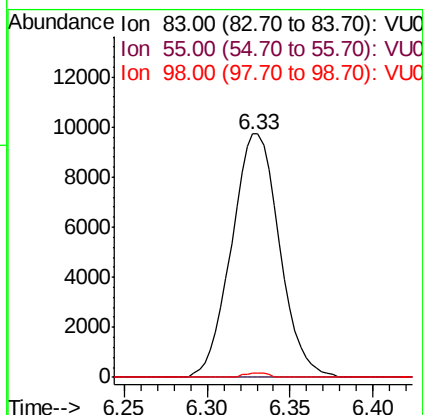
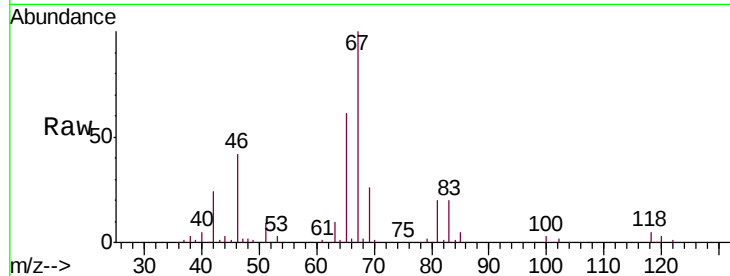




#35
Methylcyclohexane
Concen: 8.020 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028779.D
Acq: 18 Dec 2018 18:59

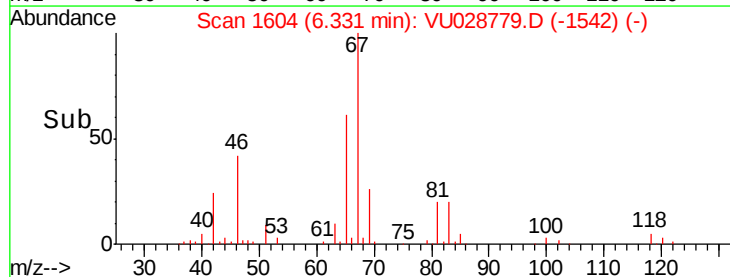
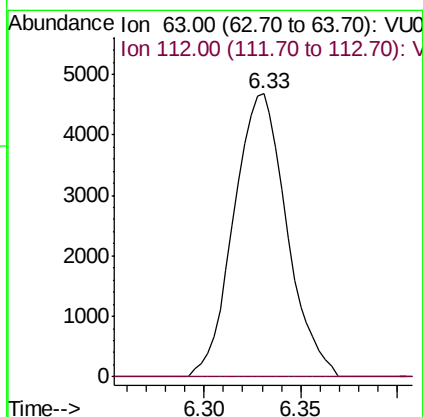
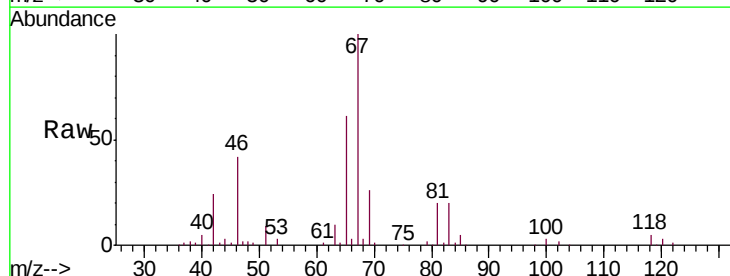
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

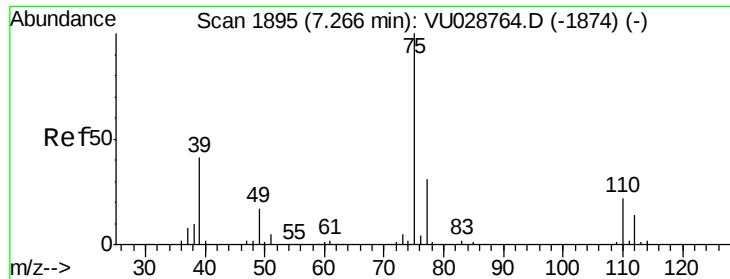
Tgt Ion: 83 Resp: 19562
Ion Ratio Lower Upper
83 100
55 0.0 70.1 105.1#
98 0.9 34.4 51.6#



#37
1,2-Dichloropropane
Concen: 5.011 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028779.D
Acq: 18 Dec 2018 18:59

Tgt Ion: 63 Resp: 8922
Ion Ratio Lower Upper
63 100
112 0.0 2.4 3.6#



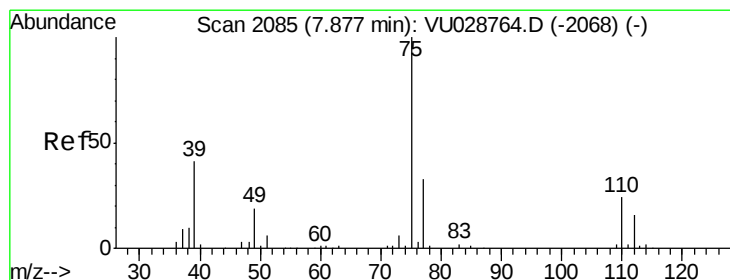
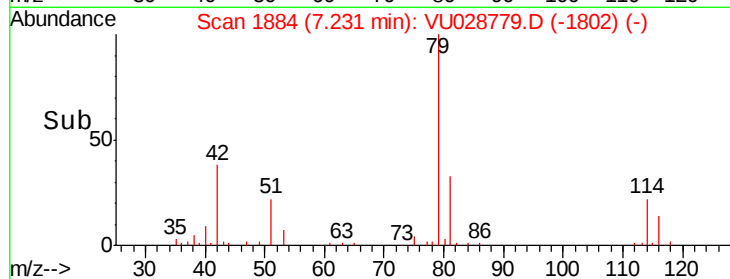
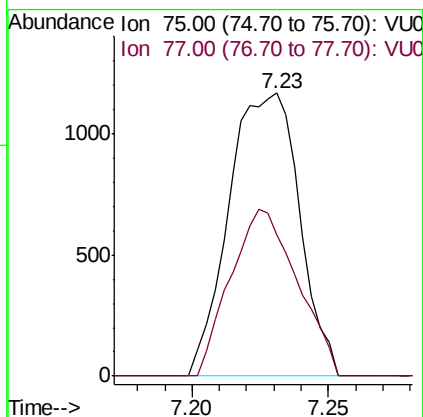
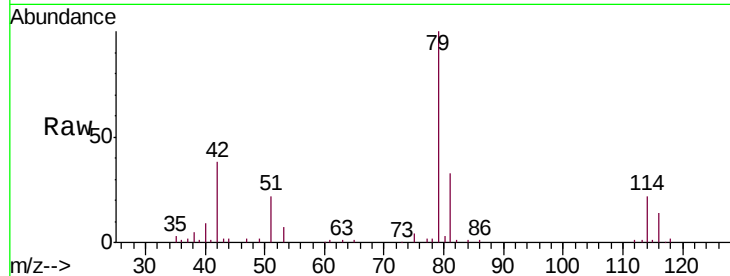


#39

cis-1,3-Dichloropropene
 Concen: 0.829 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028779.D
 Acq: 18 Dec 2018 18:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

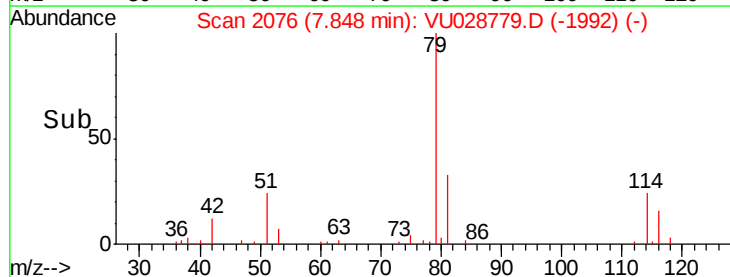
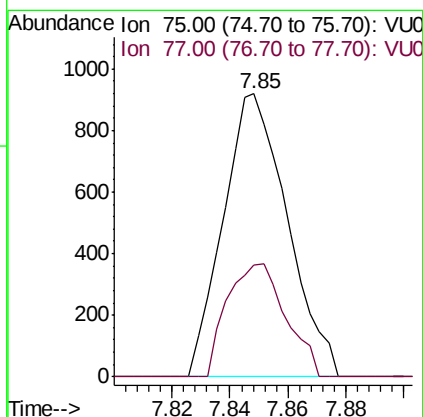
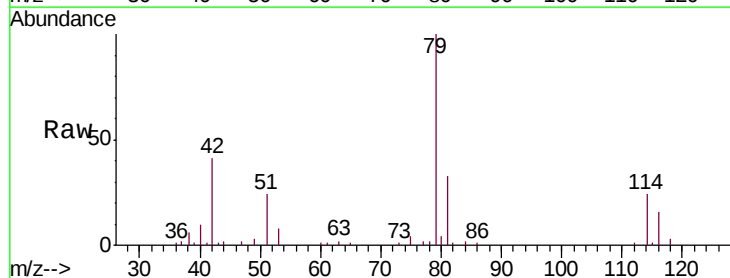
Tgt Ion: 75 Resp: 2095
 Ion Ratio Lower Upper
 75 100
 77 49.9 21.8 40.6#

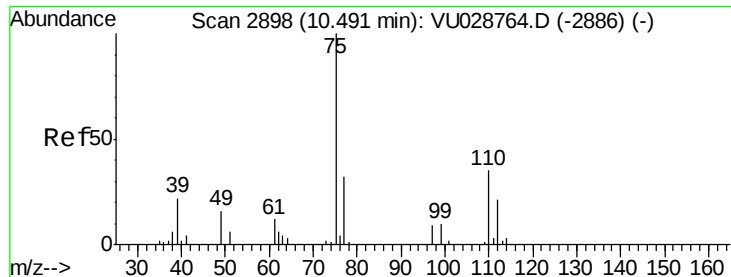


#44

trans-1,3-Dichloropropene
 Concen: 0.604 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU028779.D
 Acq: 18 Dec 2018 18:59

Tgt Ion: 75 Resp: 1407
 Ion Ratio Lower Upper
 75 100
 77 39.5 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 4.265 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028779.D

Acq: 18 Dec 2018 18:59

Instrument :

MSVOA_U

ClientSampleId :

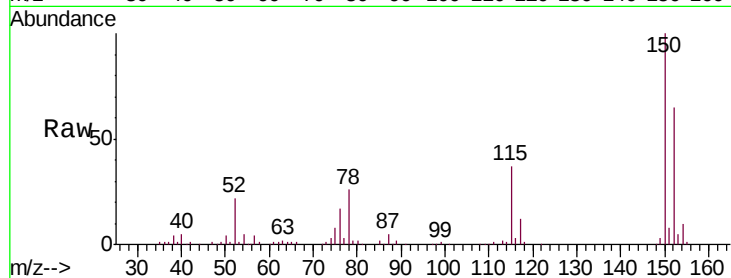
VHBLK01

Tgt Ion: 75 Resp: 8580

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

