

Data File : VU028542.D
Acq On : 10 Dec 2018 10:42
Operator : MD/SY
Sample : VU1210MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Quant Time: Dec 11 02:54:11 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	5.88	114	144524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60679	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.92%
7) Chloroethane-d5	1.68	69	49339	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.54%
11) 1,1-Dichloroethene-d2	2.27	63	85802	36.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.10%
21) 2-Butanone-d5	4.17	46	121711	112.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.28%
24) Chloroform-d	4.65	84	105596	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
26) 1,2-Dichloroethane-d4	5.31	65	73590	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.50%
32) Benzene-d6	5.34	84	220930	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
36) 1,2-Dichloropropane-d6	6.33	67	81926	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.10%
41) Toluene-d8	7.56	98	191025	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloropropene-	7.85	79	36324	51.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.86%
47) 2-Hexanone-d5	8.31	63	84588	113.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105713	52.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	67635	54.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

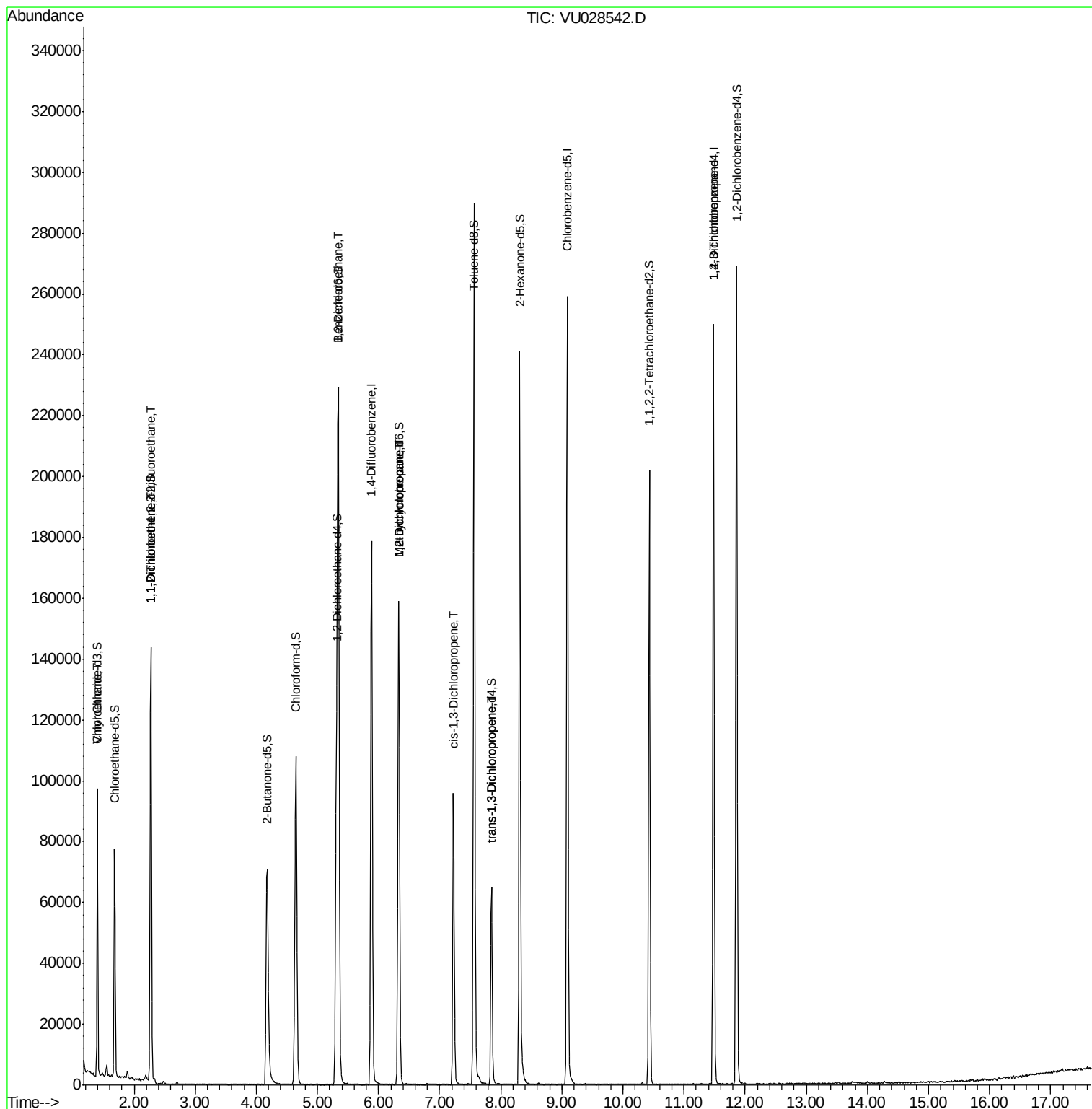
					Qvalue
8) Chloroethane	1.40	64	913	0.995 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	577	0.574 ug/L #	21
12) 1,1-Dichloroethene	2.28	96	544	0.571 ug/L #	1
27) 1,2-Dichloroethane	5.34	62	1170	0.657 ug/L #	76
35) Methylcyclohexane	6.33	83	16152	8.041 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8181	5.579 ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	2157	1.036 ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1518	0.791 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	8708	5.256 ug/L	95

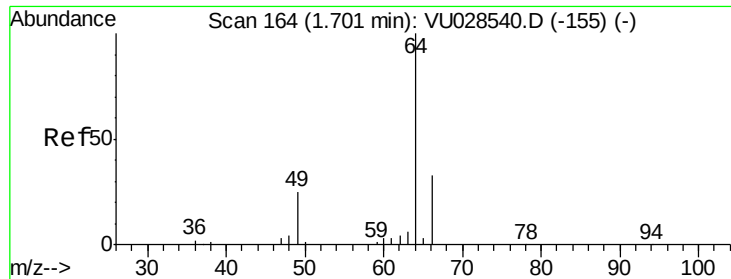
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.995 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.30 min

Lab File: VU028542.D

Acq: 10 Dec 2018 10:42

Instrument :

MSVOA_U

ClientSampleId :

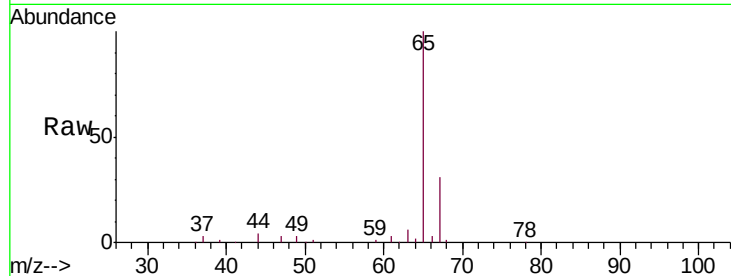
VBLK53

Tgt Ion: 64 Resp: 913

Ion Ratio Lower Upper

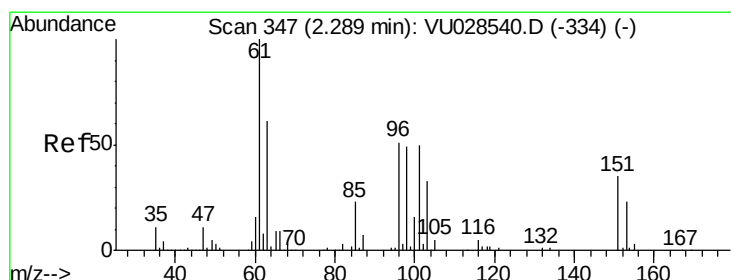
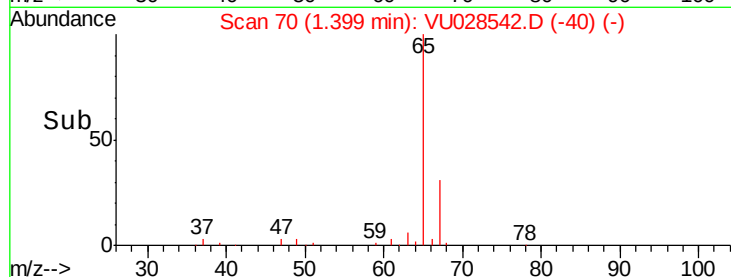
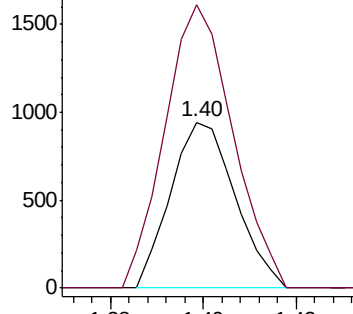
64 100

66 170.3 22.4 41.6#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#10

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

Concen: 0.574 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU028542.D

Acq: 10 Dec 2018 10:42

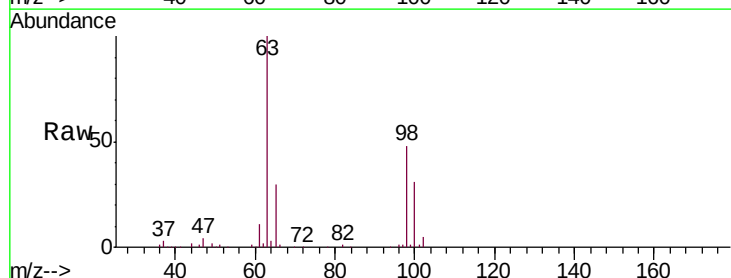
Tgt Ion: 101 Resp: 577

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

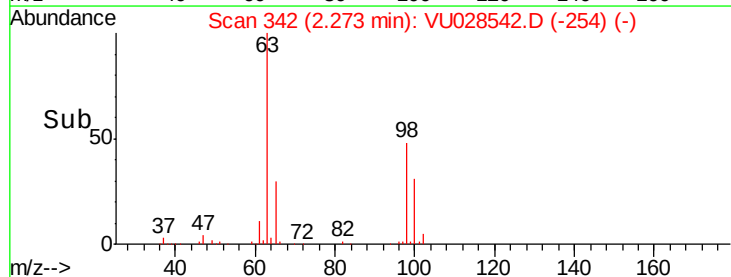
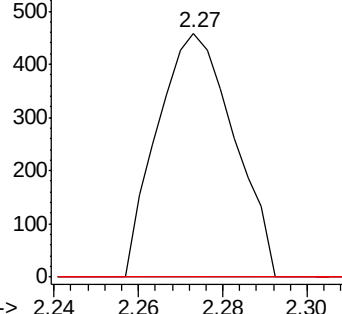
151 0.0 55.8 83.8#

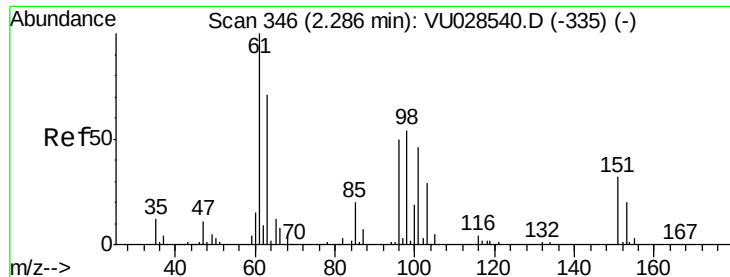


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.571 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028542.D

Acq: 10 Dec 2018 10:42

Instrument :

MSVOA_U

ClientSampled :

VBLK53

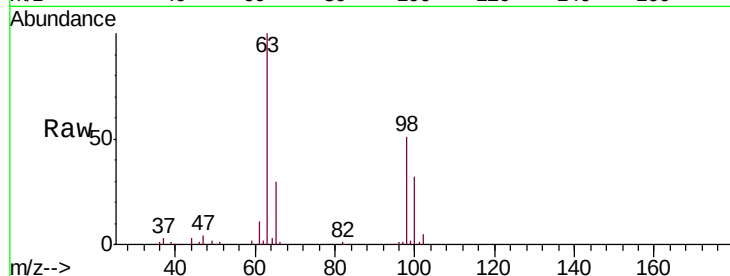
Tgt Ion: 96 Resp: 544

Ion Ratio Lower Upper

96 100

61 1204.8 143.2 266.0#

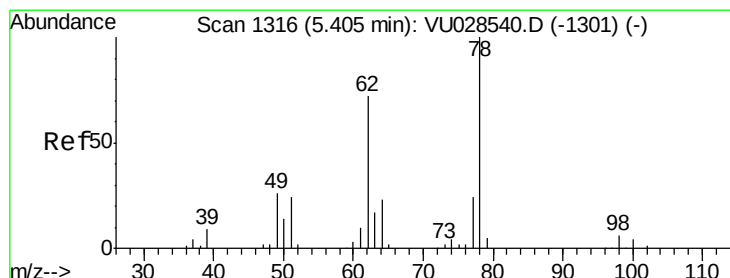
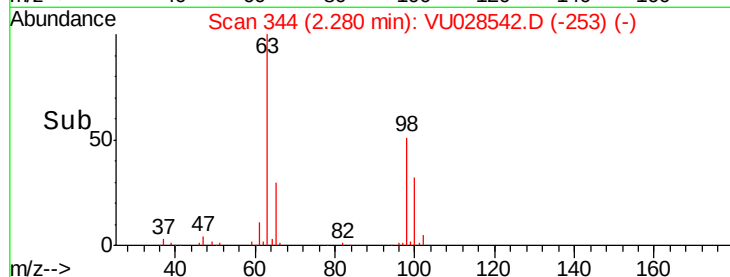
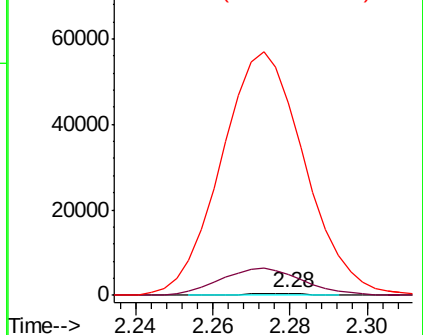
63 10926.9 130.1 241.7#



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: 0.657 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.07 min

Lab File: VU028542.D

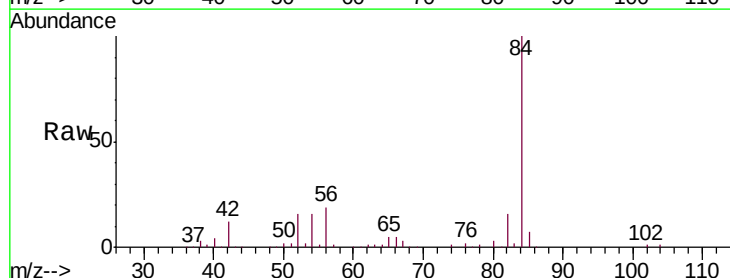
Acq: 10 Dec 2018 10:42

Tgt Ion: 62 Resp: 1170

Ion Ratio Lower Upper

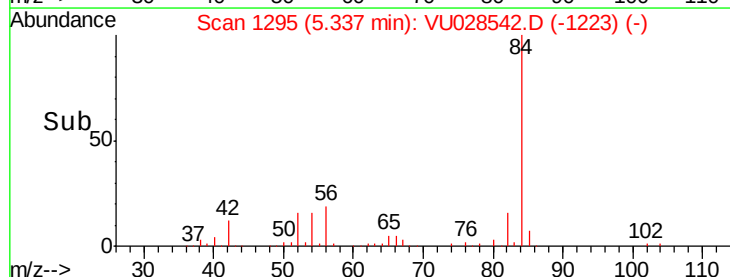
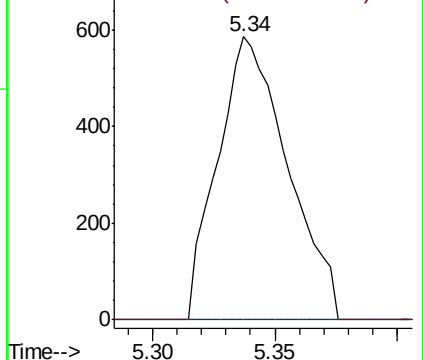
62 100

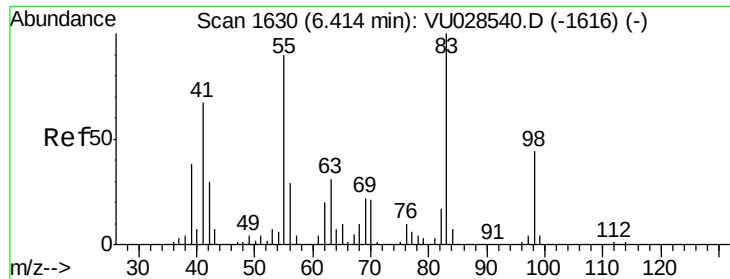
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

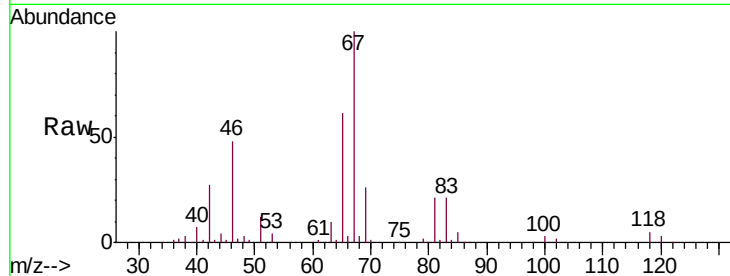




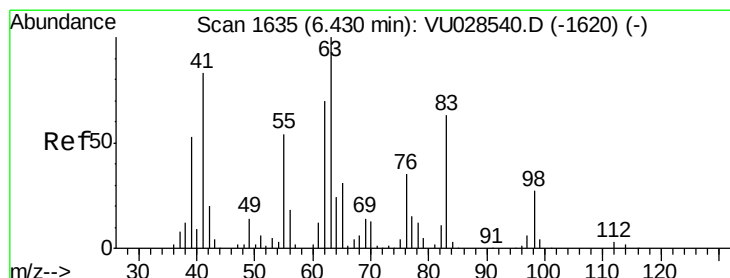
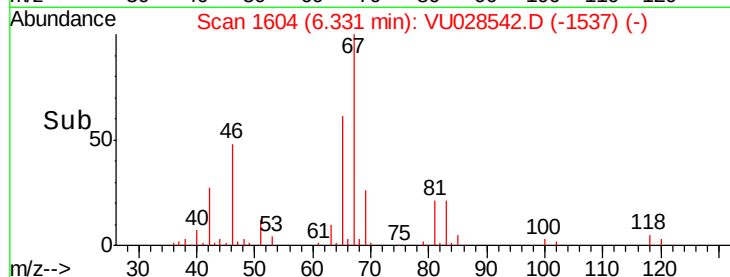
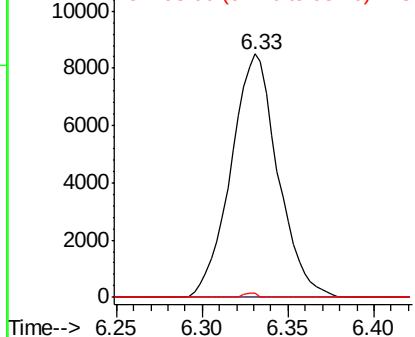
#35
Methylcyclohexane
Concen: 8.041 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028542.D
Acq: 10 Dec 2018 10:42

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Tgt Ion: 83 Resp: 16152
Ion Ratio Lower Upper
83 100
55 0.0 70.1 105.1#
98 0.4 34.4 51.6#

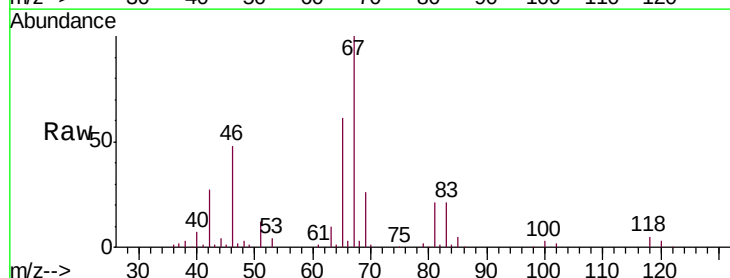


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

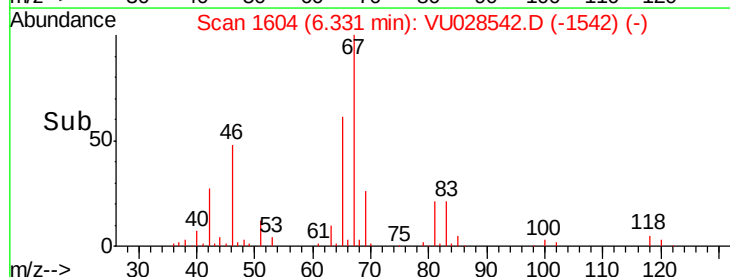
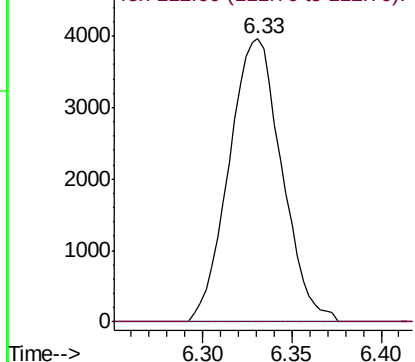


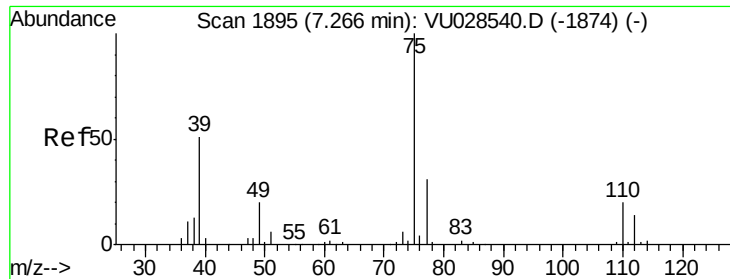
#37
1,2-Dichloropropane
Concen: 5.579 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028542.D
Acq: 10 Dec 2018 10:42

Tgt Ion: 63 Resp: 8181
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

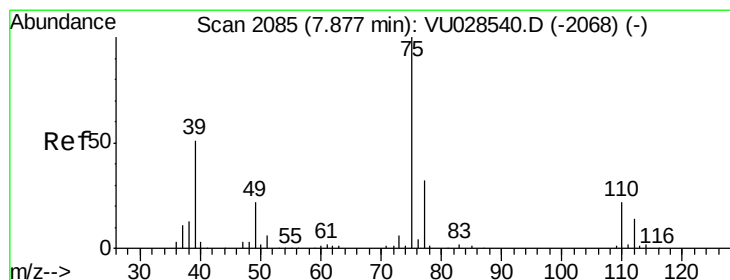
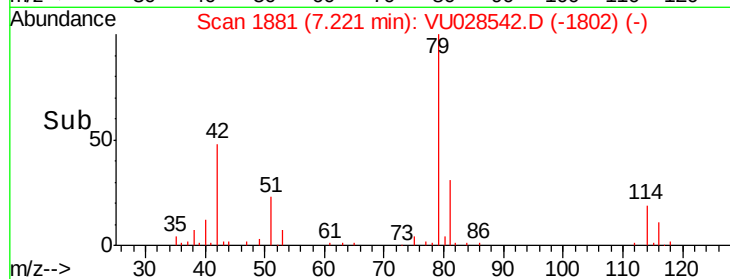
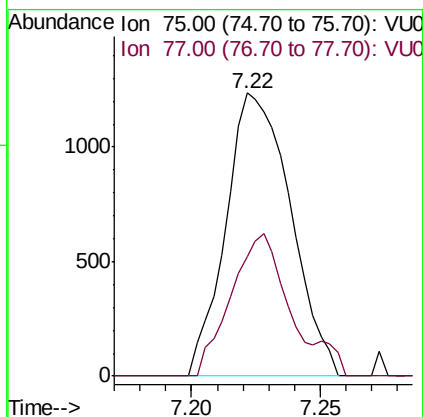
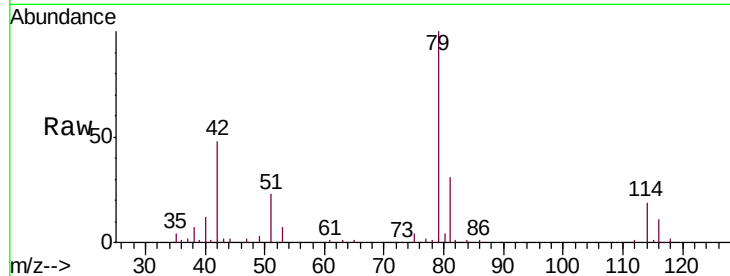




#39
 cis-1,3-Dichloropropene
 Concen: 1.036 ug/L
 RT: 7.22 min Scan# 1881
 Delta R.T. -0.05 min
 Lab File: VU028542.D
 Acq: 10 Dec 2018 10:42

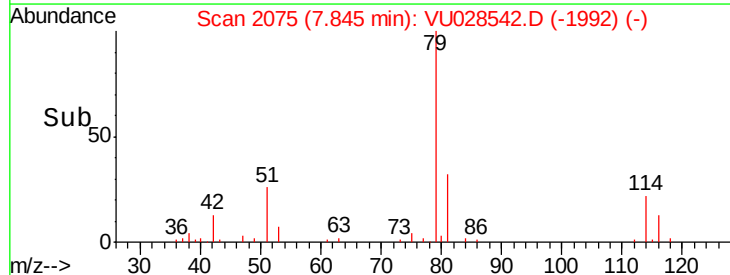
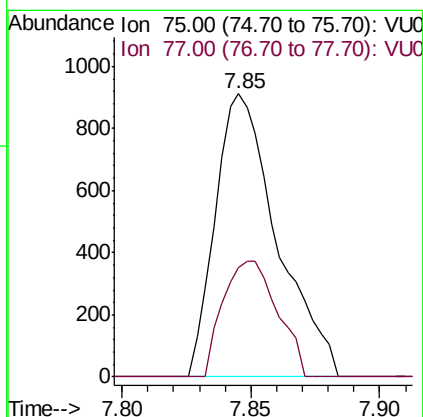
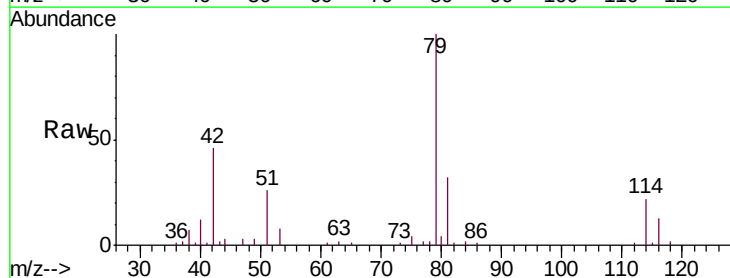
Instrument :
 MSVOA_U
 ClientSampleID :
 VBLK53

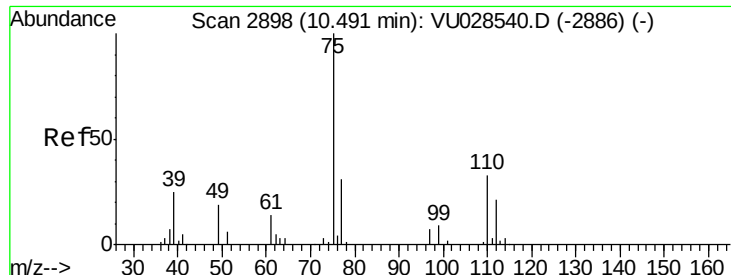
Tgt Ion: 75 Resp: 2157
 Ion Ratio Lower Upper
 75 100
 77 42.4 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.791 ug/L
 RT: 7.85 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: VU028542.D
 Acq: 10 Dec 2018 10:42

Tgt Ion: 75 Resp: 1518
 Ion Ratio Lower Upper
 75 100
 77 38.5 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 5.256 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028542.D

Acq: 10 Dec 2018 10:42

Instrument :

MSVOA_U

ClientSampleId :

VBLK53

Tgt Ion: 75 Resp: 8708

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.2

