

Data File : VU028937.D
Acq On : 24 Dec 2018 11:05
Operator : MD/SY
Sample : J6513-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 25 00:06:05 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	244636	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100110	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83796	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.46%
7) Chloroethane-d5	1.67	69	70801	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.27	63	116573	35.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.68%
21) 2-Butanone-d5	4.18	46	133983	97.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.51%
24) Chloroform-d	4.65	84	156573	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
26) 1,2-Dichloroethane-d4	5.31	65	98925	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
32) Benzene-d6	5.34	84	347630	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
36) 1,2-Dichloropropane-d6	6.33	67	114263	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.56	98	319134	54.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.76%
43) trans-1,3-Dichloropropene-	7.85	79	53656	54.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.86%
47) 2-Hexanone-d5	8.31	63	114537	109.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	159872	52.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	118551	58.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.10%

Target Compounds

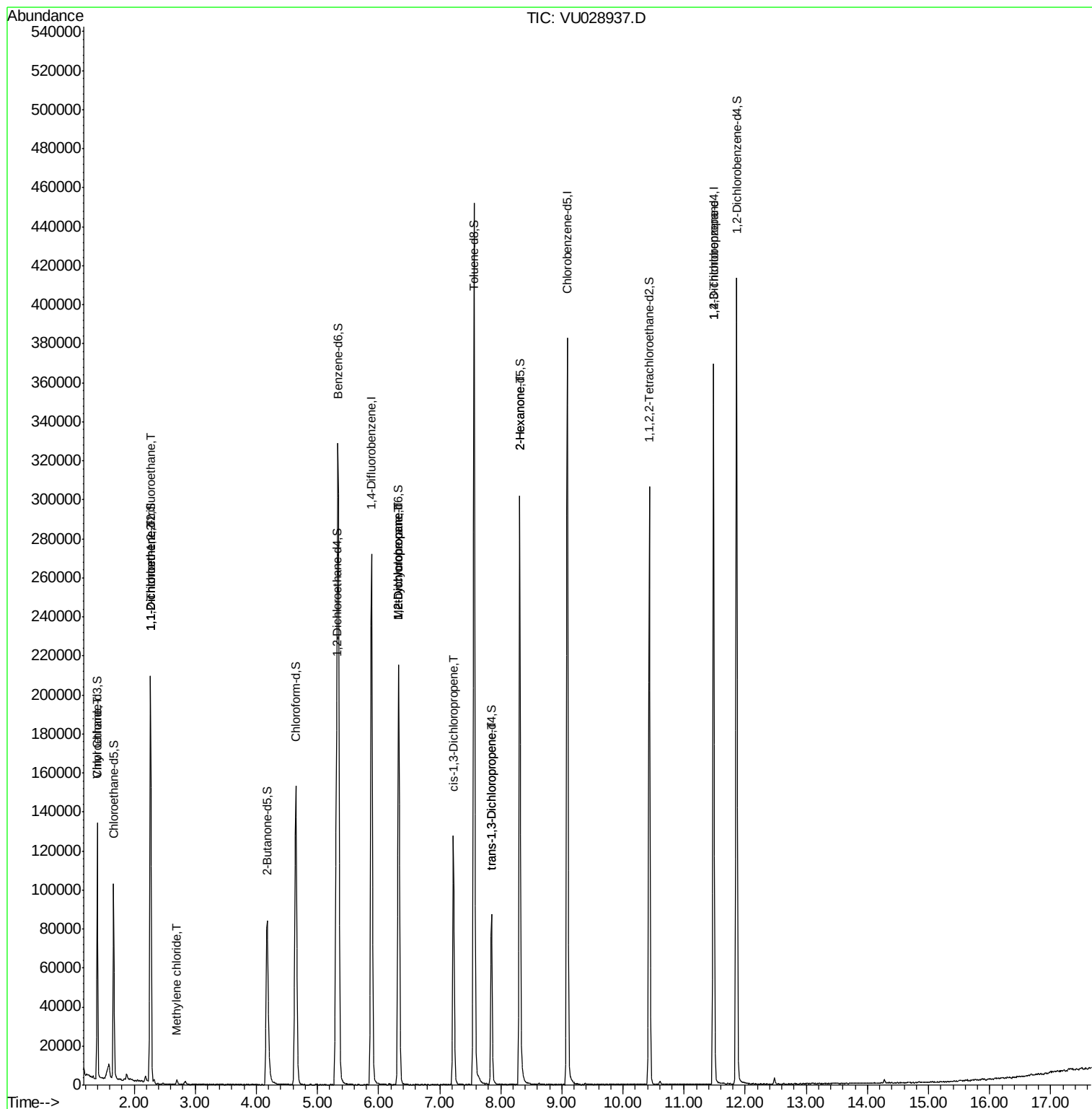
					Qvalue	
8) Chloroethane	1.40	64	1071	0.783	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1104	0.696	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	953	0.608	ug/L #	1
16) Methylene chloride	2.70	84	1206	0.623	ug/L	96
35) Methylcyclohexane	6.33	83	25188	8.584	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10746	5.268	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	2602	0.895	ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1813	0.699	ug/L	88
48) 2-Hexanone	8.31	43	10830	4.813	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	11174	4.590	ug/L	96

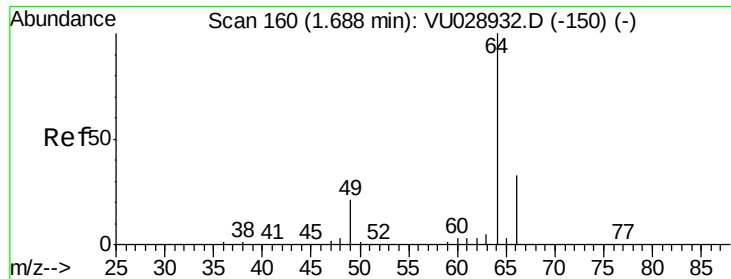
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028937.D
Acq On : 24 Dec 2018 11:05
Operator : MD/SY
Sample : J6513-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 25 00:06:05 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

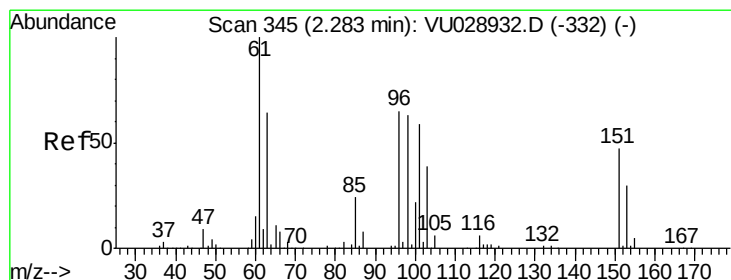
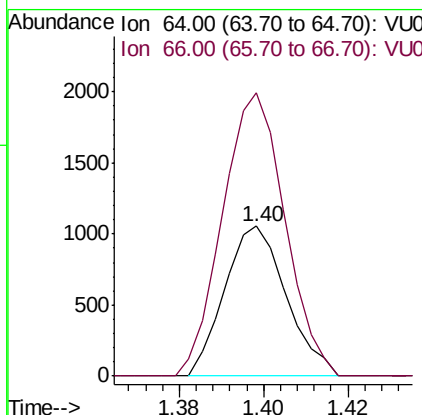
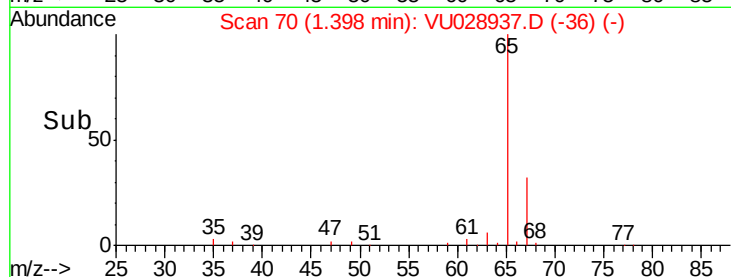
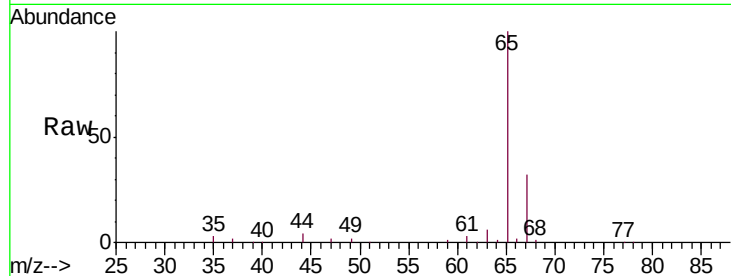




#8
Chloroethane
Concen: 0.783 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028937.D
Acq: 24 Dec 2018 11:05

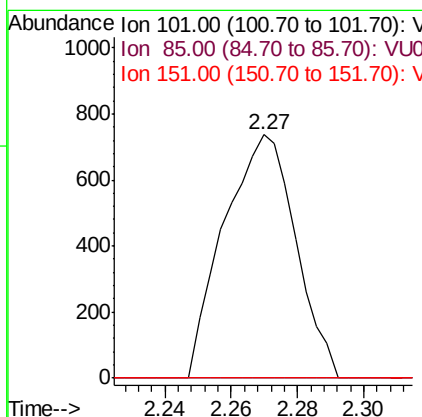
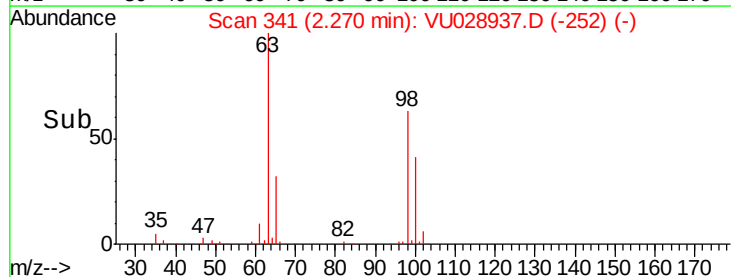
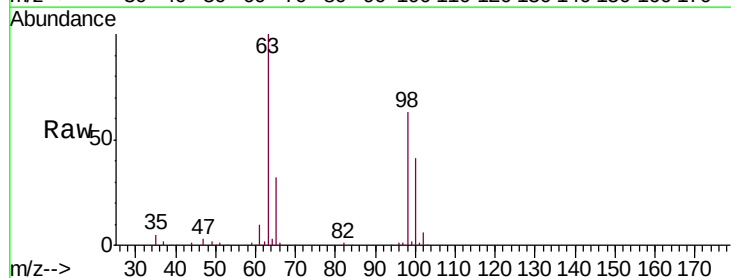
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

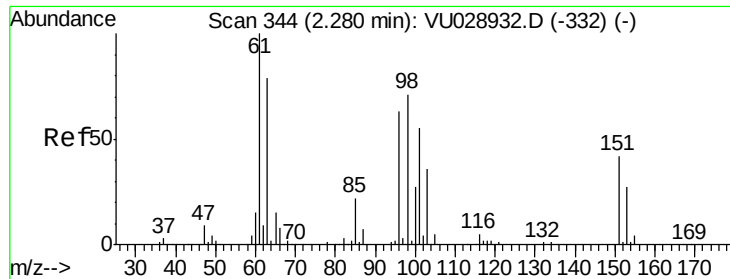
Tgt Ion: 64 Resp: 1071
Ion Ratio Lower Upper
64 100
66 188.9 21.5 39.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.696 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028937.D
Acq: 24 Dec 2018 11:05

Tgt Ion: 101 Resp: 1104
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.4 89.0#

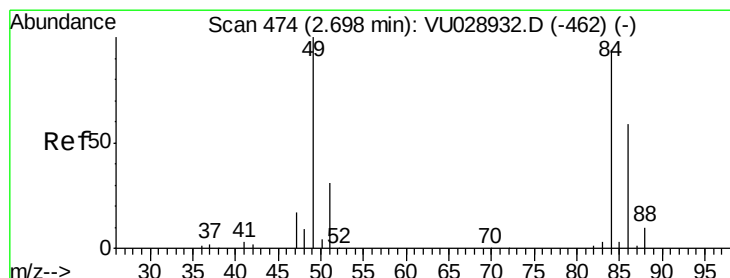
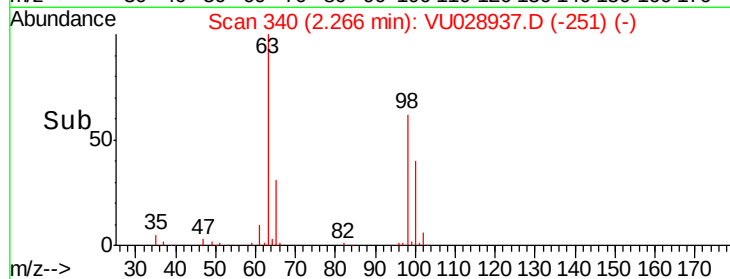
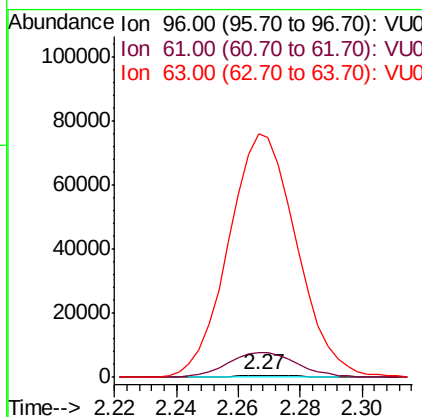
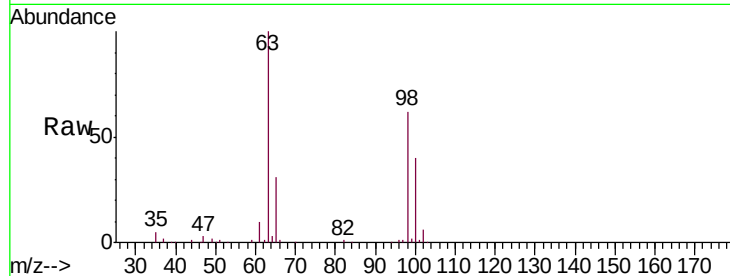




#12
 1,1-Dichloroethene
 Concen: 0.608 ug/L
 RT: 2.27 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VU028937.D
 Acq: 24 Dec 2018 11:05

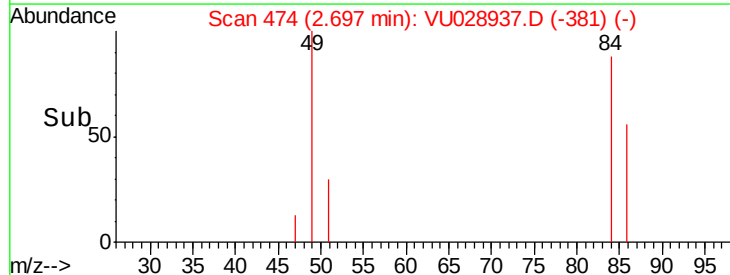
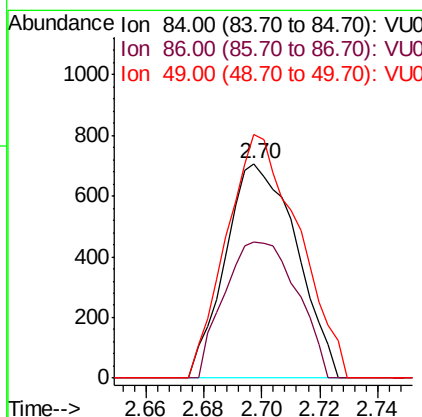
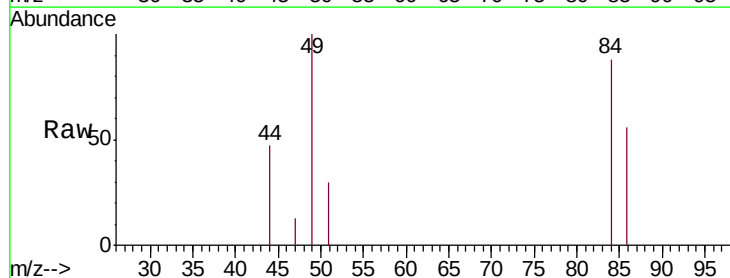
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

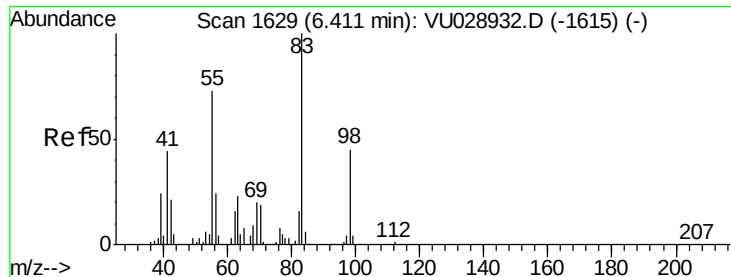
Tgt Ion: 96 Resp: 953
 Ion Ratio Lower Upper
 96 100
 61 1309.7 119.3 221.5#
 63 12740.9 107.4 199.6#



#16
 Methylene chloride
 Concen: 0.623 ug/L
 RT: 2.70 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: VU028937.D
 Acq: 24 Dec 2018 11:05

Tgt Ion: 84 Resp: 1206
 Ion Ratio Lower Upper
 84 100
 86 63.1 44.9 83.3
 49 113.4 83.9 155.7





#35

Methylcyclohexane

Concen: 8.584 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.08 min

Lab File: VU028937.D

Acq: 24 Dec 2018 11:05

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

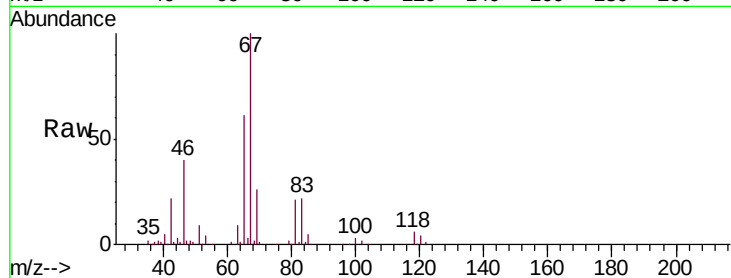
Tgt Ion: 83 Resp: 25188

Ion Ratio Lower Upper

83 100

55 0.2 63.7 95.5#

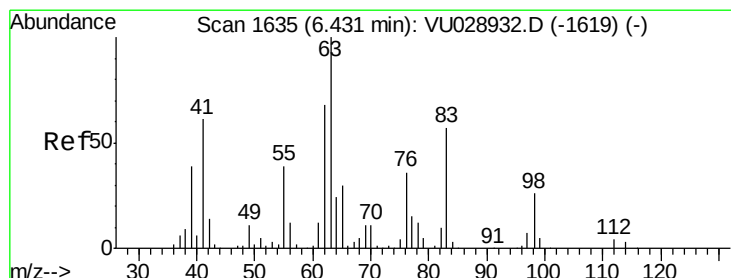
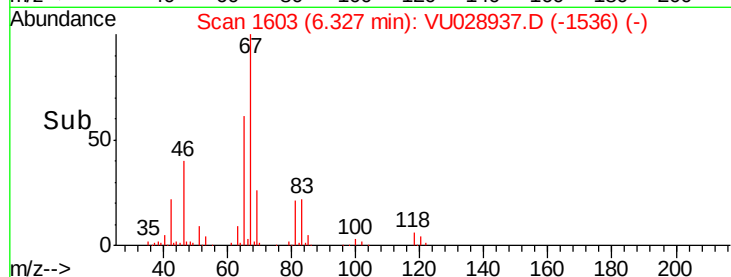
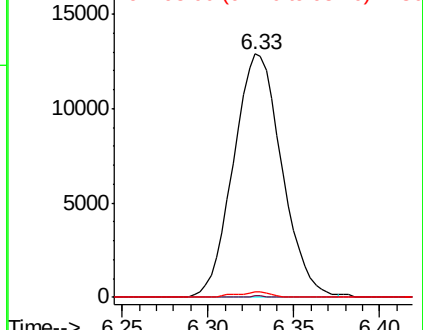
98 1.5 35.6 53.4#



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: 5.268 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028937.D

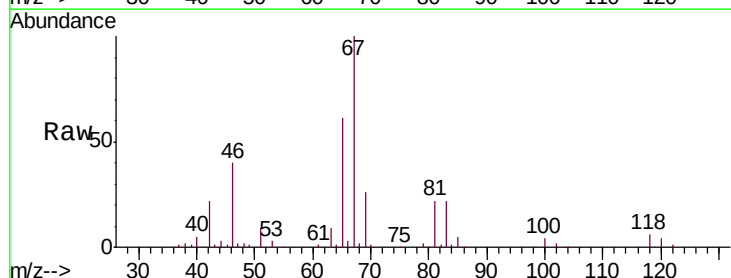
Acq: 24 Dec 2018 11:05

Tgt Ion: 63 Resp: 10746

Ion Ratio Lower Upper

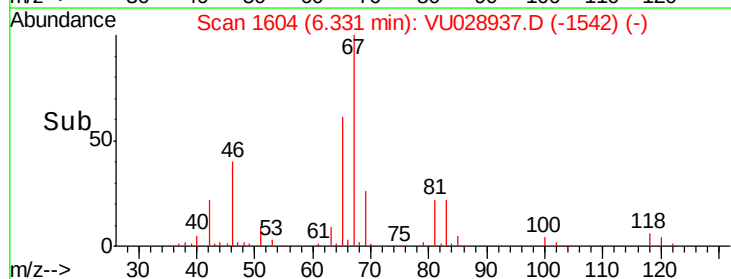
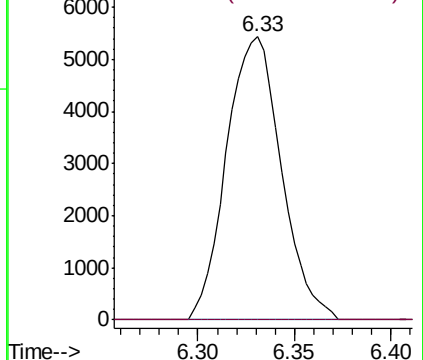
63 100

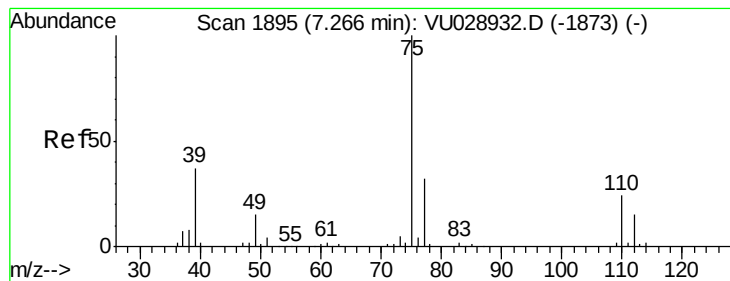
112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



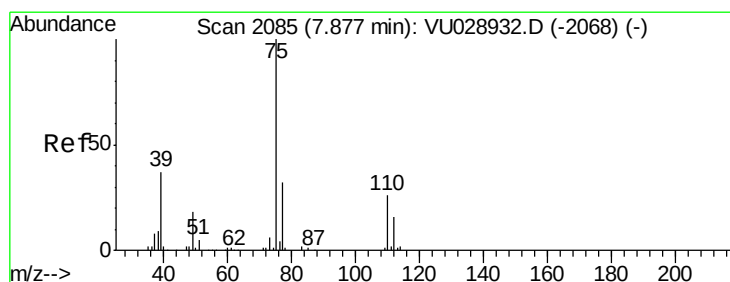
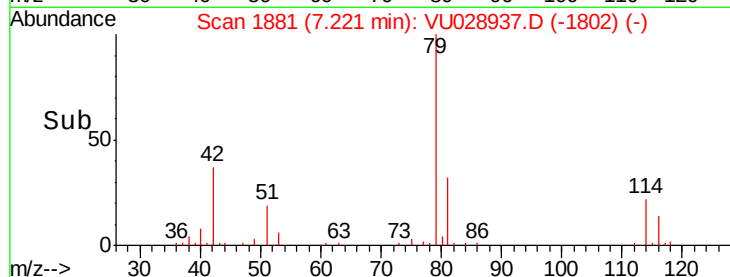
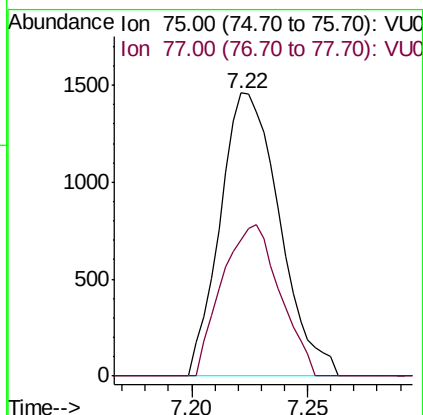
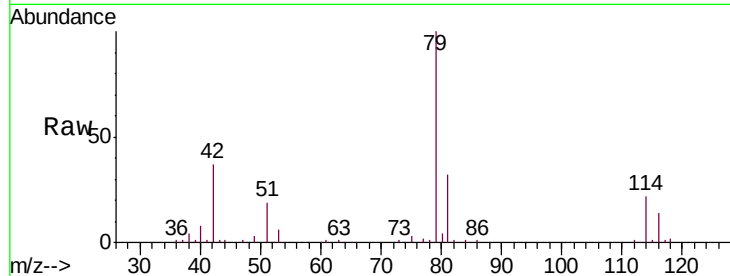


#39

cis-1,3-Dichloropropene
Concen: 0.895 ug/L
RT: 7.22 min Scan# 1881
Delta R.T. -0.05 min
Lab File: VU028937.D
Acq: 24 Dec 2018 11:05

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

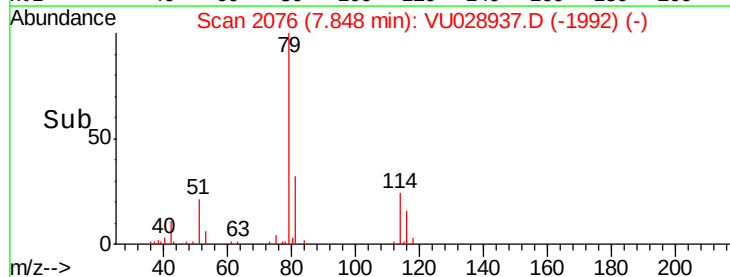
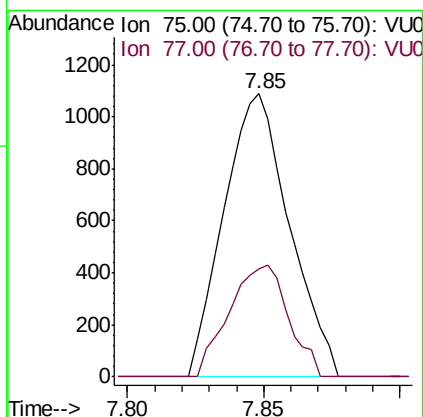
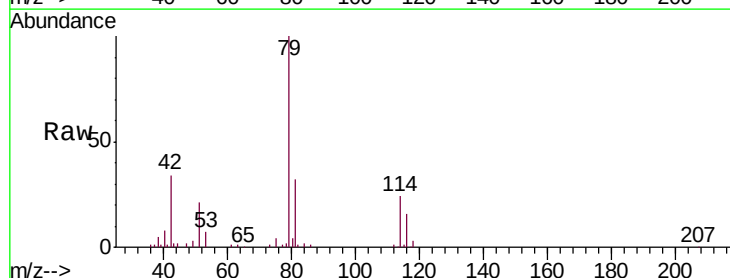
Tgt Ion: 75 Resp: 2602
Ion Ratio Lower Upper
75 100
77 48.3 21.8 40.6#

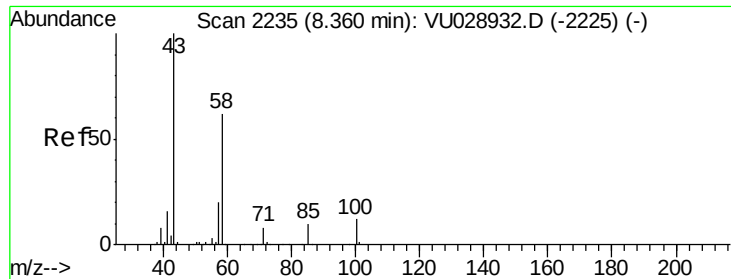


#44

trans-1,3-Dichloropropene
Concen: 0.699 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028937.D
Acq: 24 Dec 2018 11:05

Tgt Ion: 75 Resp: 1813
Ion Ratio Lower Upper
75 100
77 38.1 21.8 40.6

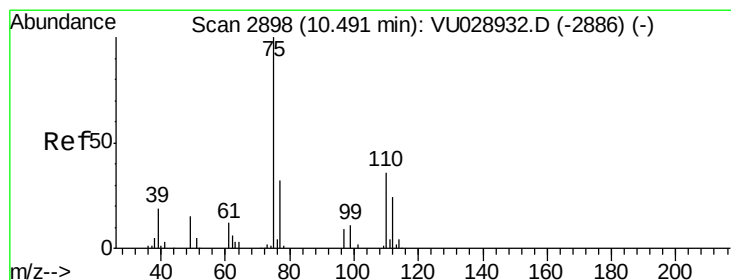
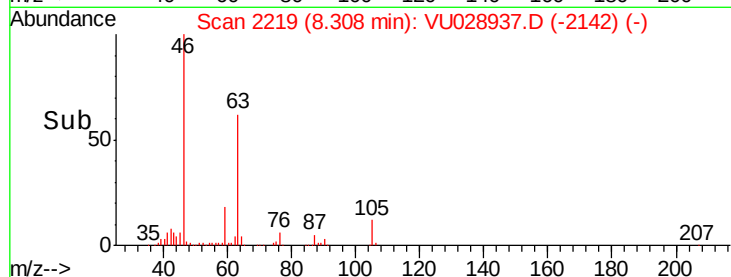
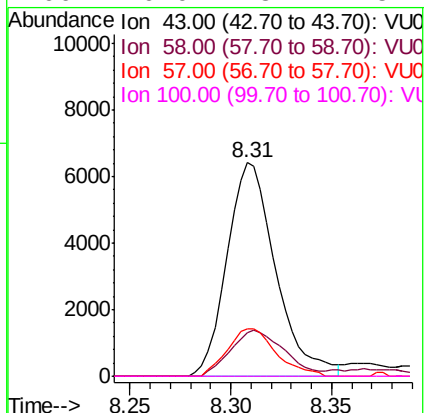
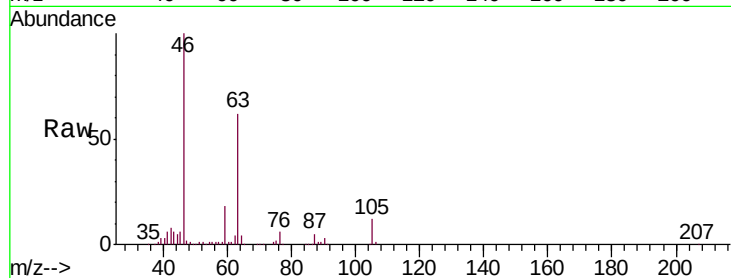




#48
 2-Hexanone
 Concen: 4.813 ug/L
 RT: 8.31 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: VU028937.D
 Acq: 24 Dec 2018 11:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 10830
 Ion Ratio Lower Upper
 43 100
 58 23.4 45.9 68.9#
 57 22.2 15.0 22.4
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 4.590 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028937.D
 Acq: 24 Dec 2018 11:05

Tgt Ion: 75 Resp: 11174
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.5 38.3

