

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100518\
 Data File : VU027452.D
 Acq On : 05 Oct 2018 14:55
 Operator : MD/SY
 Sample : J5250-02 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0910

Quant Time: Oct 06 04:58:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:54:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	225750	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	211192	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98938	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79663	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.68%
7) Chloroethane-d5	1.68	69	64351	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.04%
11) 1,1-Dichloroethene-d2	2.27	63	107483	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.50%
21) 2-Butanone-d5	4.18	46	144963	101.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.07%
24) Chloroform-d	4.65	84	129708	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
26) 1,2-Dichloroethane-d4	5.31	65	97208	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
32) Benzene-d6	5.34	84	292612	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
36) 1,2-Dichloropropane-d6	6.33	67	102331	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.57	98	249043	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%
43) trans-1,3-Dichloropropene-	7.85	79	46274	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.64%
47) 2-Hexanone-d5	8.31	63	105871	101.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132285	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	94451	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

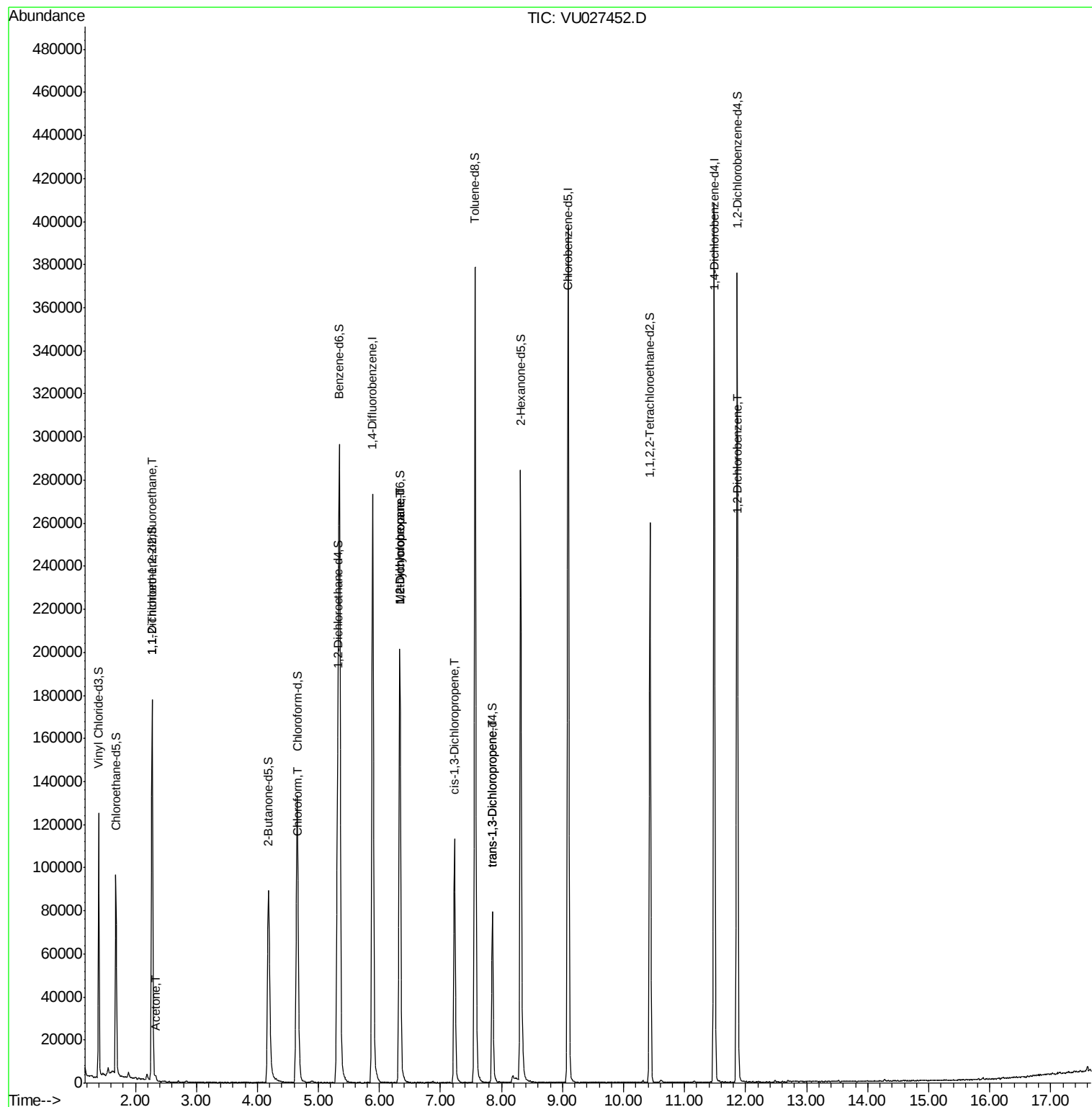
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	869	0.582 ug/L #	21
13) Acetone	2.32	43	754	0.641 ug/L	66
25) Chloroform	4.67	83	10241	3.179 ug/L	96
35) Methylcyclohexane	6.33	83	21879	7.545 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	10575	5.259 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2590	0.877 ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1950	0.711 ug/L	86
65) 1,2-Dichlorobenzene	11.88	146	2187	0.698 ug/L #	90

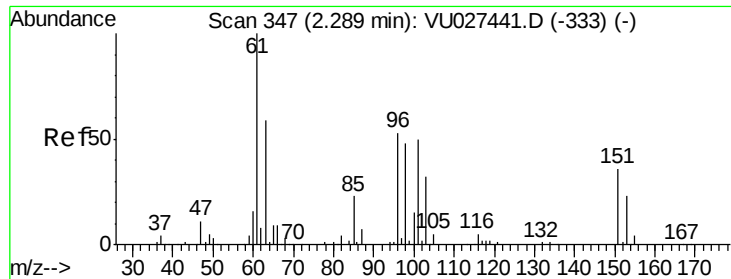
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 06 04:58:32 2018
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Quant Title : VOC Analysis
QLast Update : Sat Oct 06 04:54:09 2018
Response via : Initial Calibration





#10

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

Concen: 0.582 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027452.D

Acq: 05 Oct 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

C0910

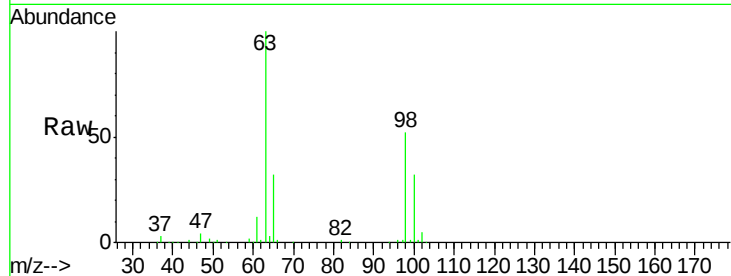
Tgt Ion:101 Resp: 869

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

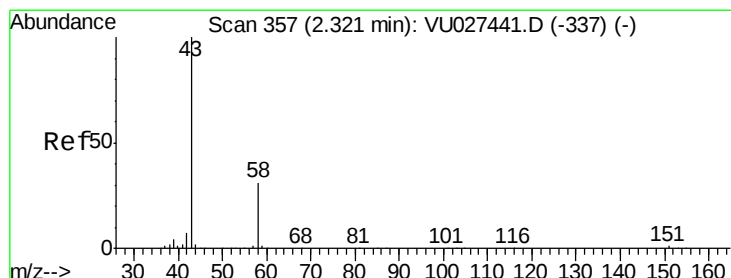
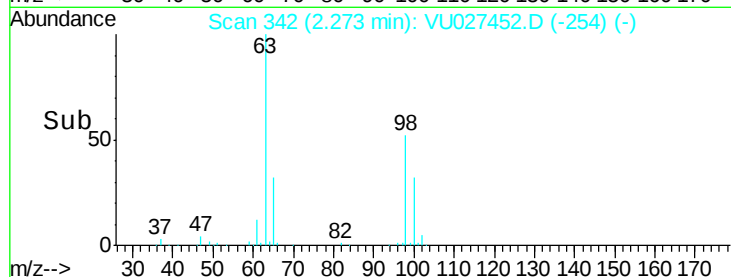
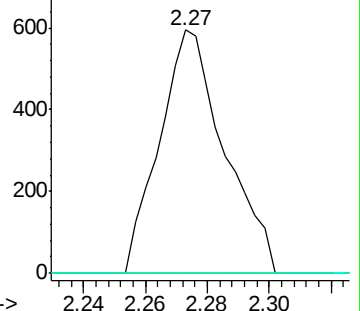
151 0.0 55.7 83.5#



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



#13

Acetone

Concen: 0.641 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027452.D

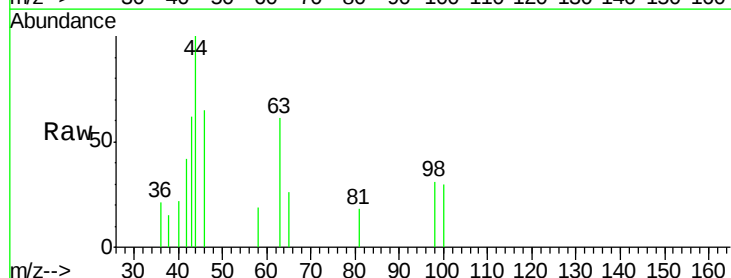
Acq: 05 Oct 2018 14:55

Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

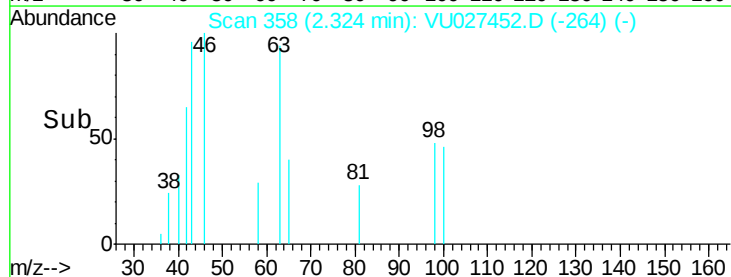
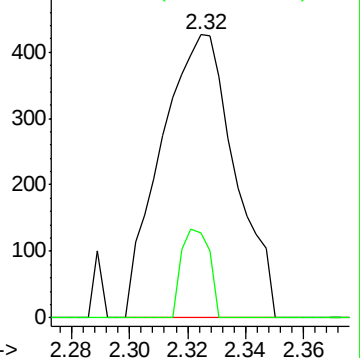
43 100

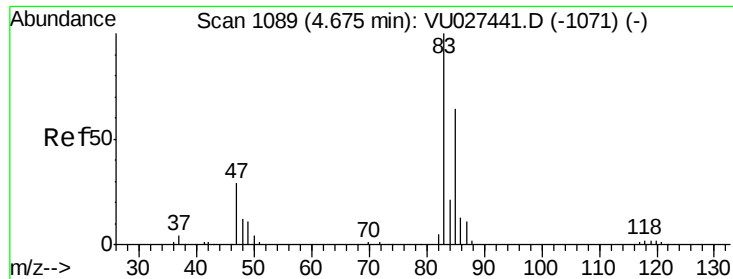
58 11.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

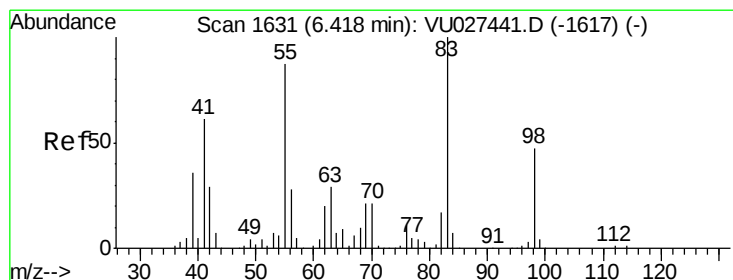
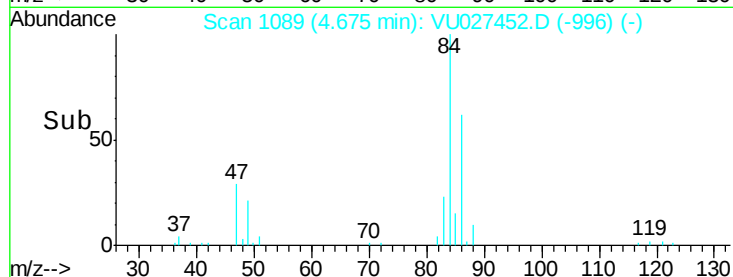
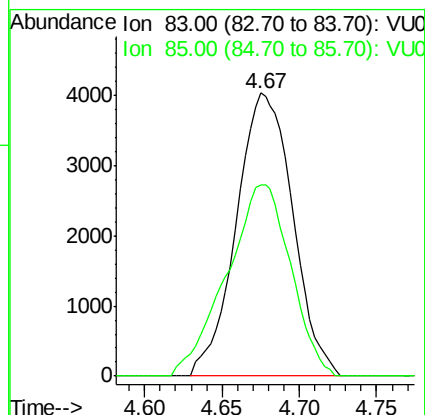
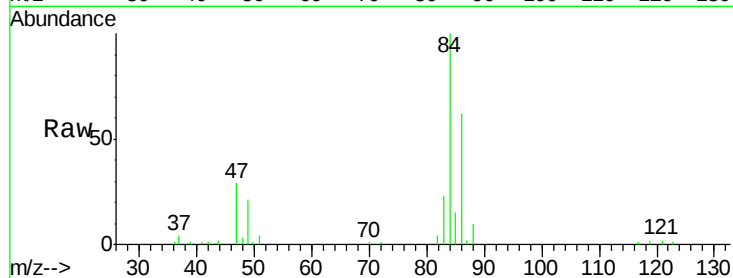




#25
Chloroform
Concen: 3.179 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027452.D
Acq: 05 Oct 2018 14:55

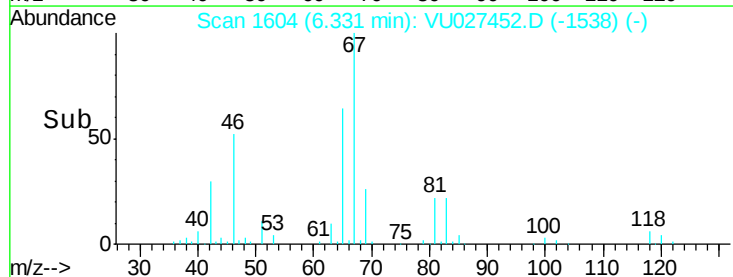
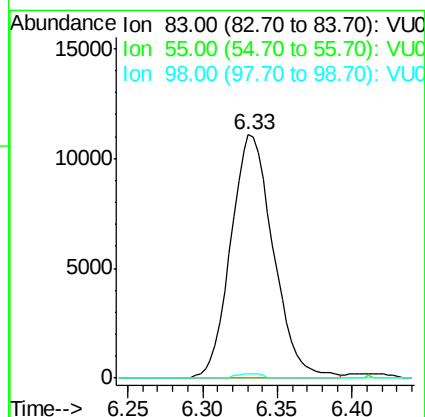
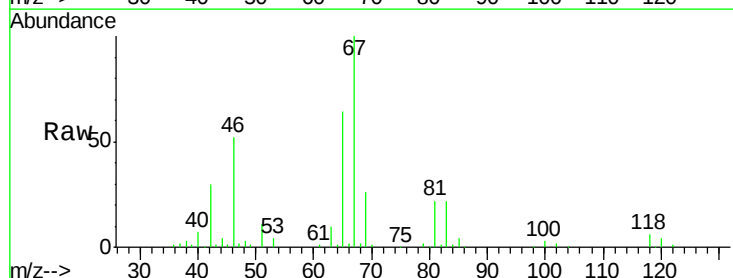
Instrument :
MSVOA_U
ClientSampleId :
C0910

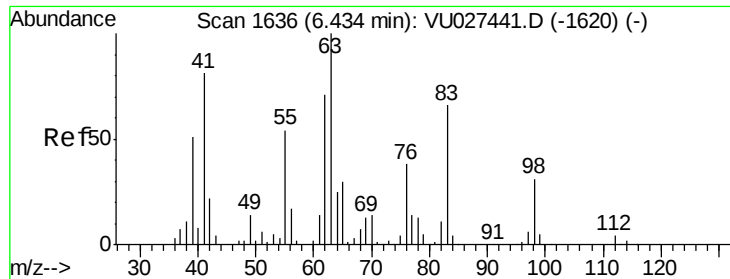
Tgt Ion: 83 Resp: 10241
Ion Ratio Lower Upper
83 100
85 67.7 45.0 83.6



#35
Methylcyclohexane
Concen: 7.545 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU027452.D
Acq: 05 Oct 2018 14:55

Tgt Ion: 83 Resp: 21879
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 1.0 37.1 55.7#

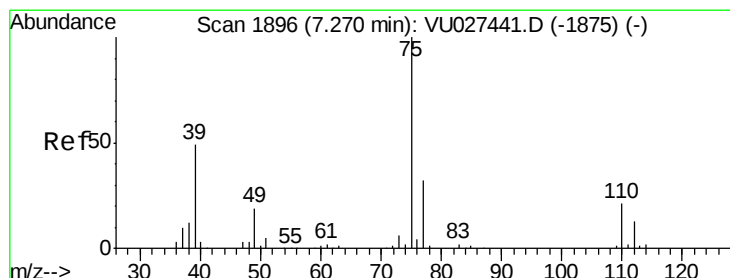
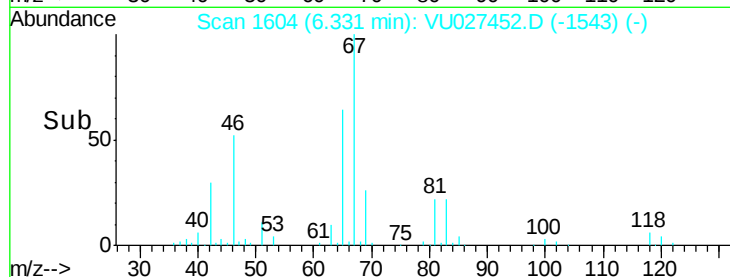
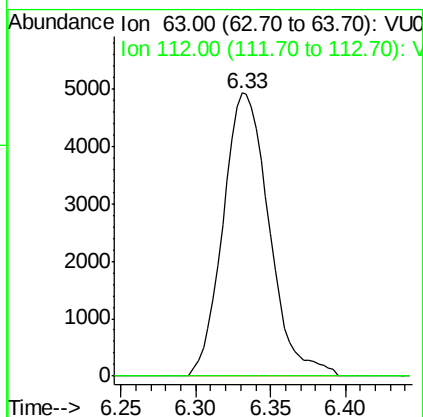
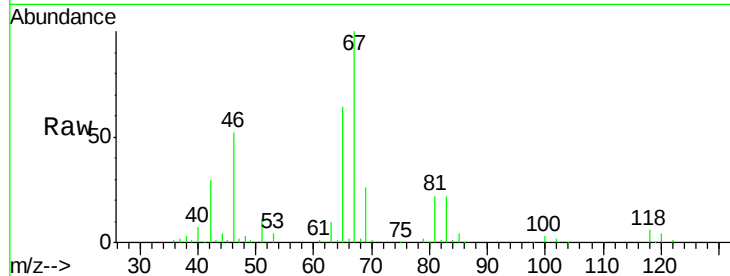




#37
 1,2-Dichloropropane
 Concen: 5.259 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027452.D
 Acq: 05 Oct 2018 14:55

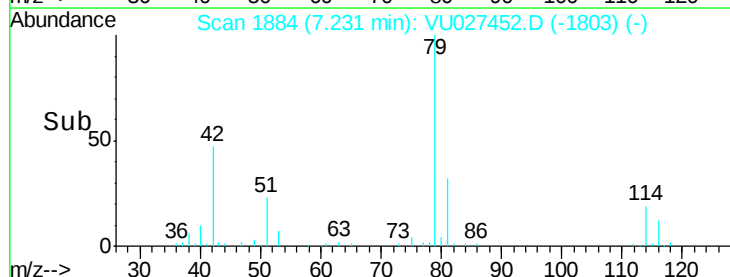
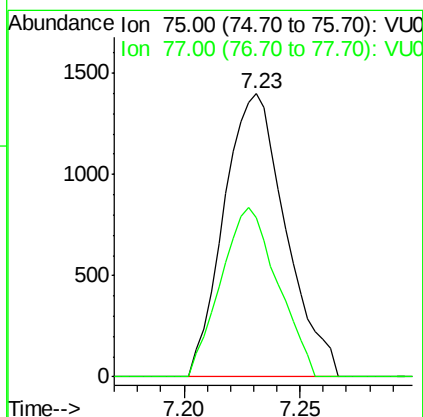
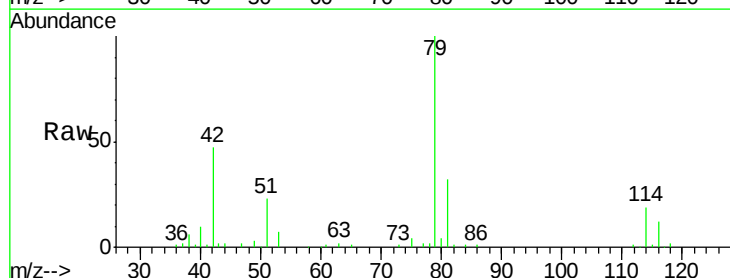
Instrument :
 MSVOA_U
 ClientSampled :
 C0910

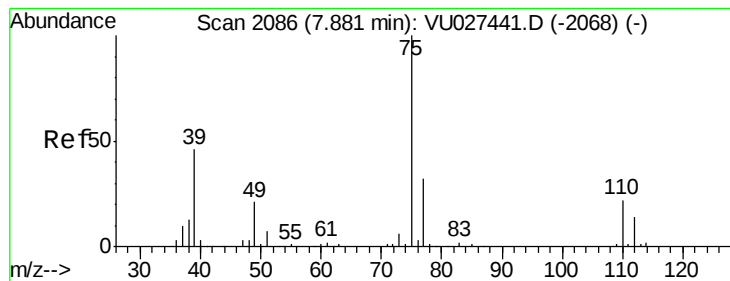
Tgt Ion: 63 Resp: 10575
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.877 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027452.D
 Acq: 05 Oct 2018 14:55

Tgt Ion: 75 Resp: 2590
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027452.D

Acq: 05 Oct 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

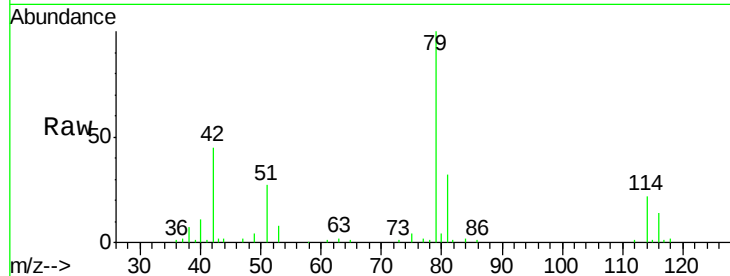
C0910

Tgt Ion: 75 Resp: 1950

Ion Ratio Lower Upper

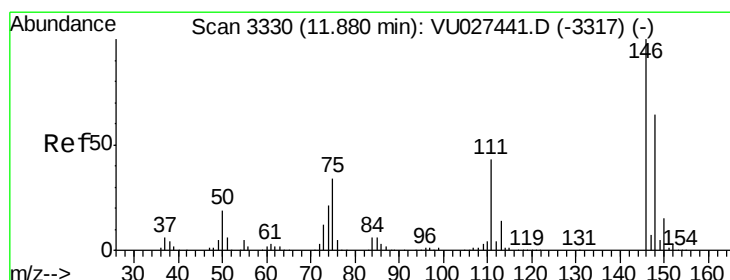
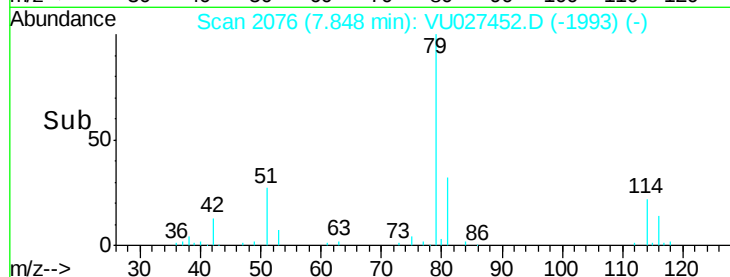
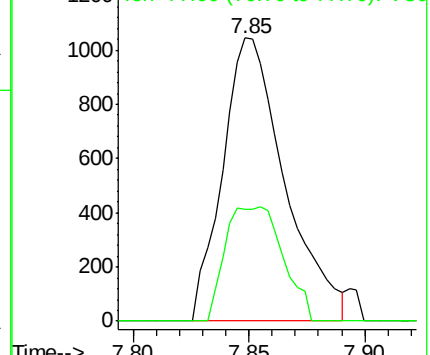
75 100

77 39.4 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#65

1,2-Dichlorobenzene

Concen: 0.698 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU027452.D

Acq: 05 Oct 2018 14:55

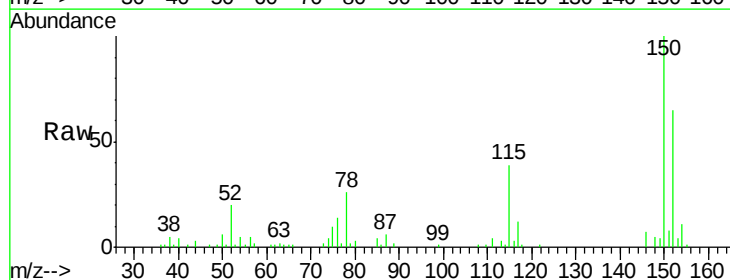
Tgt Ion: 146 Resp: 2187

Ion Ratio Lower Upper

146 100

111 57.9 34.9 52.3#

148 65.8 51.6 77.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

