

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026718.D
 Acq On : 12 Sep 2018 21:41
 Operator : MD/SY
 Sample : J4860-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Sep 13 03:42:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	199101	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61449	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.82%
7) Chloroethane-d5	1.68	69	55575	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.27	63	93544	35.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.46%
21) 2-Butanone-d5	4.18	46	111243	120.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.48%
24) Chloroform-d	4.65	84	122681	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
26) 1,2-Dichloroethane-d4	5.31	65	81255	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.34	84	248196	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
36) 1,2-Dichloropropane-d6	6.33	67	84802	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.74%
41) Toluene-d8	7.57	98	220113	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%
43) trans-1,3-Dichloropropene-	7.85	79	35700	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.74%
47) 2-Hexanone-d5	8.31	63	80110	122.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115745	52.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	84623	53.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.36%

Target Compounds

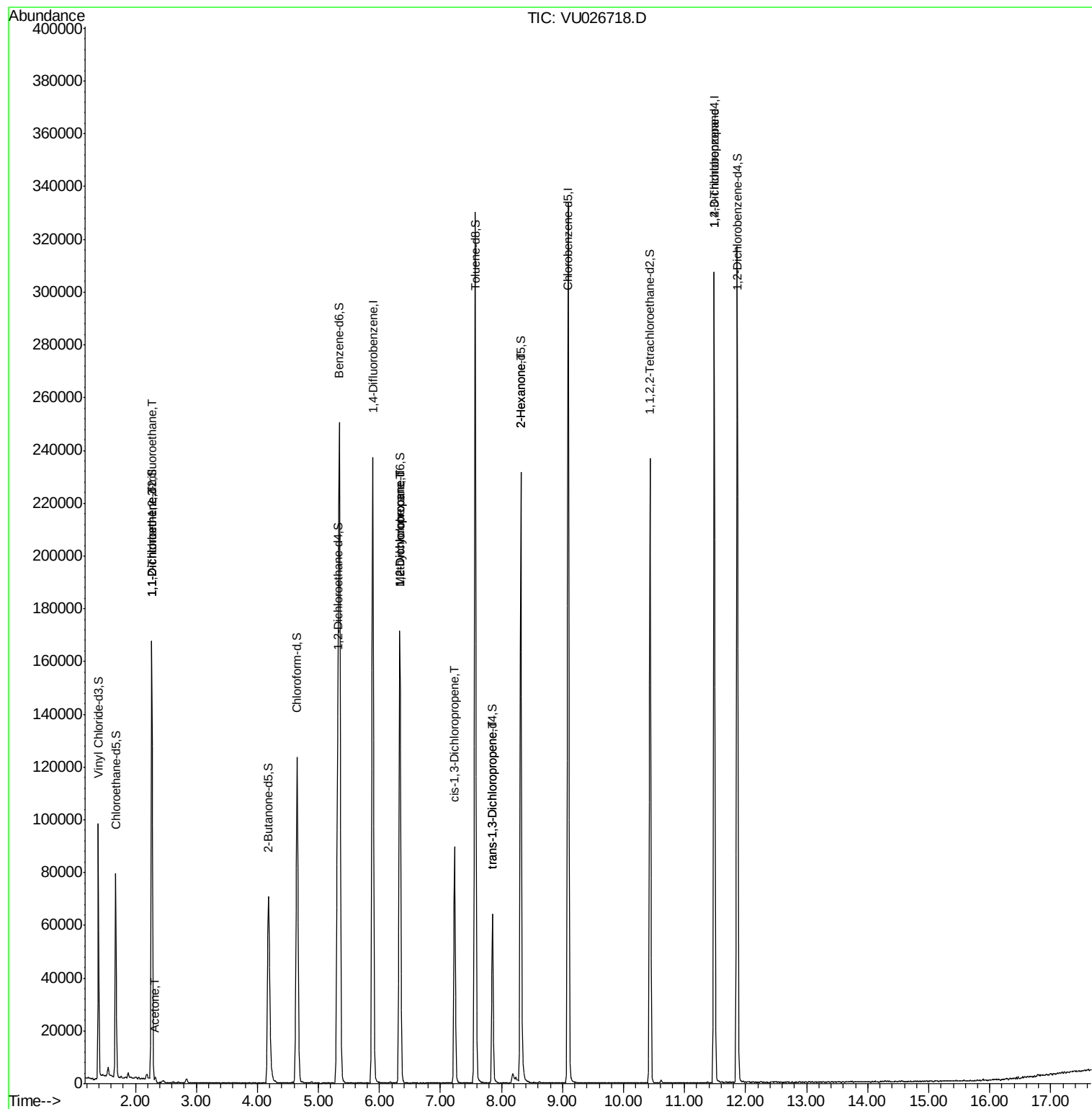
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	856	0.700	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	725	0.618	ug/L #	1
13) Acetone	2.33	43	656	0.624	ug/L	88
35) Methylcyclohexane	6.33	83	18373	8.929	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8630	5.973	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2016	0.943	ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1569	0.789	ug/L	99
48) 2-Hexanone	8.31	43	9185	5.903	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	9146	5.350	ug/L	92

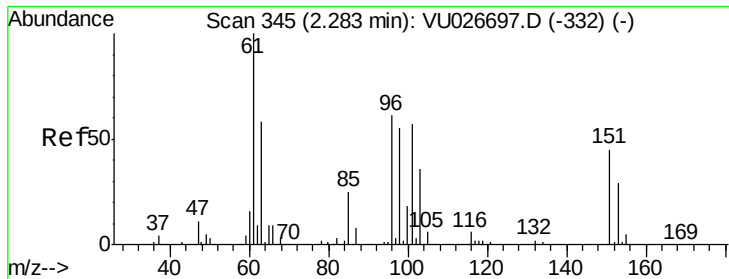
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 03:38:50 2018
Response via : Initial Calibration





#10

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

Concen: 0.700 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026718.D

Acq: 12 Sep 2018 21:41

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

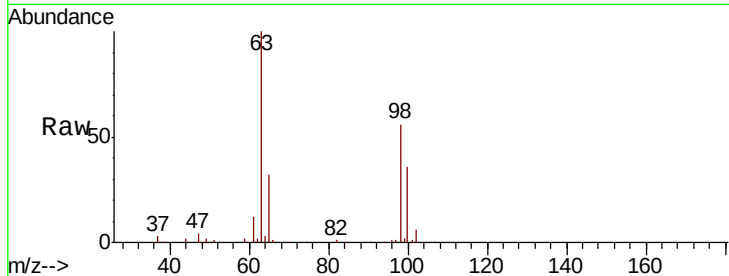
Tgt Ion: 101 Resp: 856

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

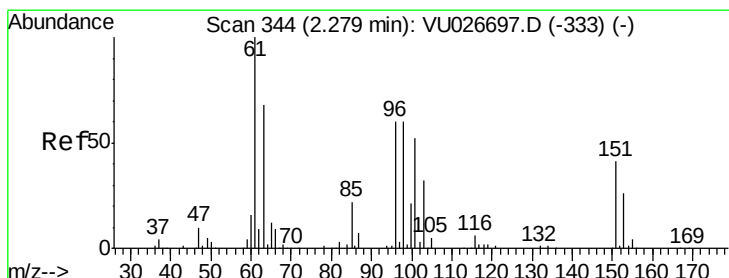
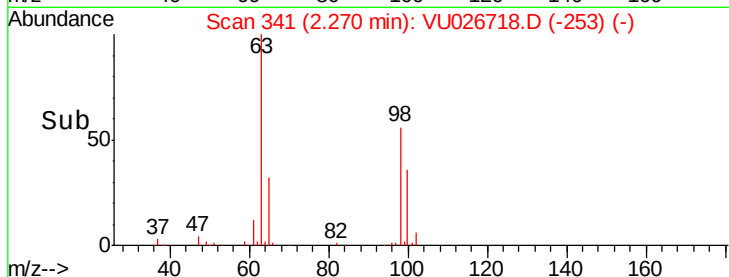
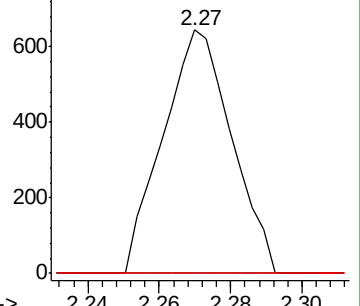
151 0.0 62.6 94.0#



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: 0.618 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU026718.D

Acq: 12 Sep 2018 21:41

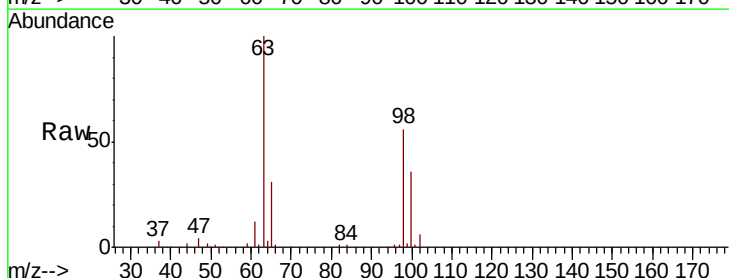
Tgt Ion: 96 Resp: 725

Ion Ratio Lower Upper

96 100

61 1434.8 121.0 224.8#

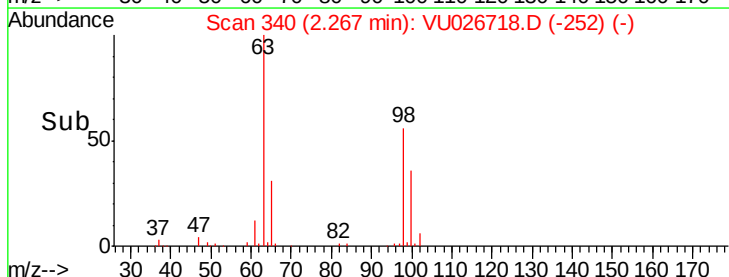
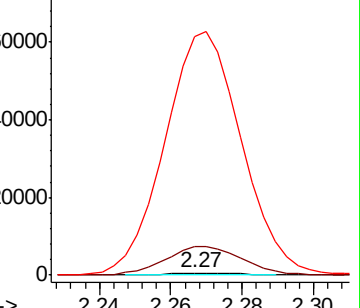
63 11982.9 89.9 166.9#

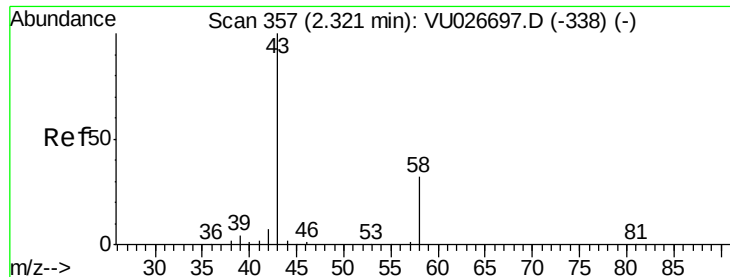


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

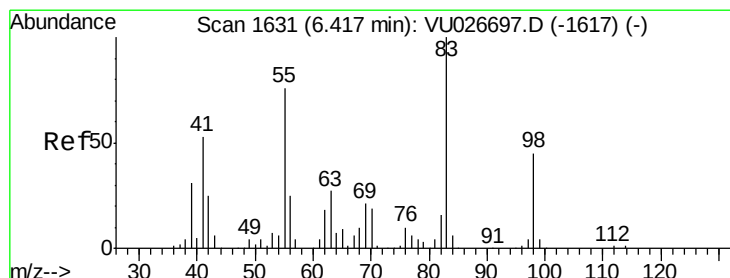
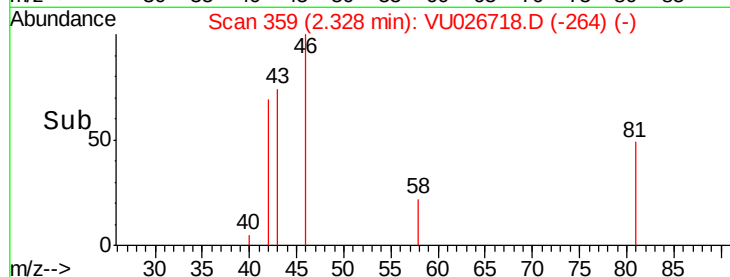
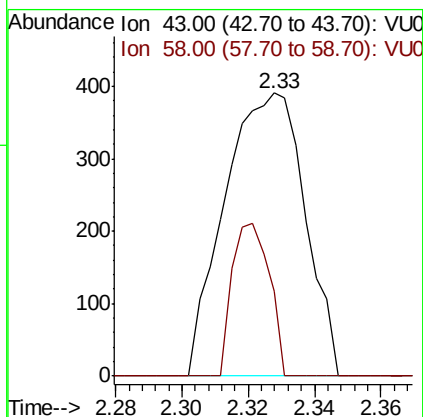
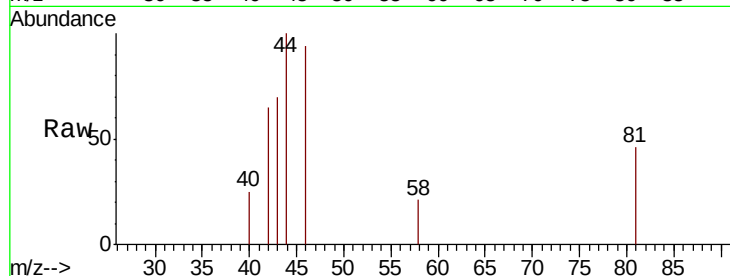




#13
Acetone
Concen: 0.624 ug/L
RT: 2.33 min Scan# 359
Delta R.T. 0.01 min
Lab File: VU026718.D
Acq: 12 Sep 2018 21:41

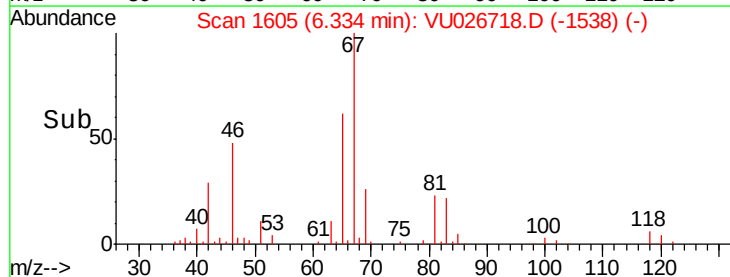
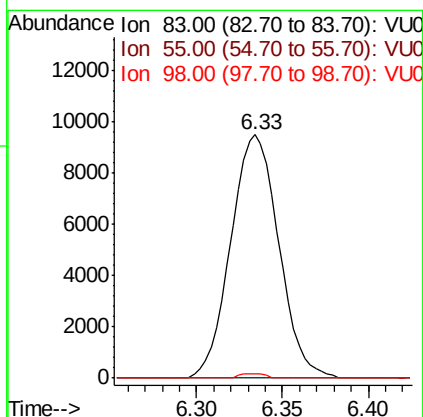
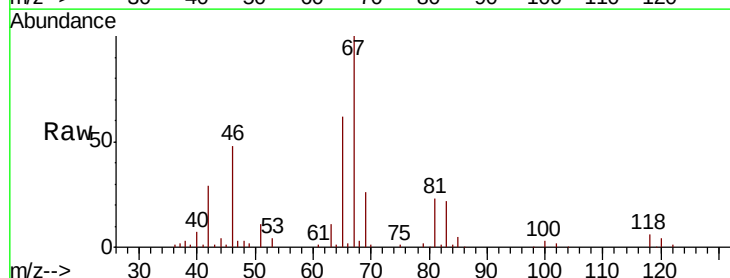
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

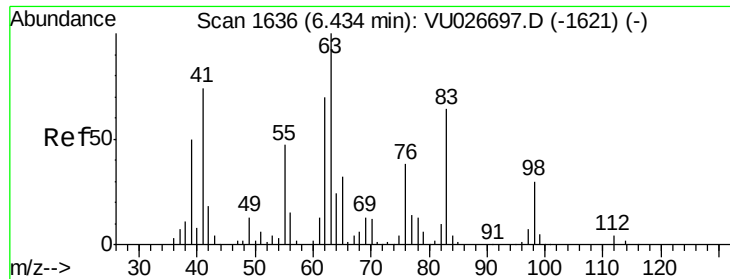
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
58 25.0 0.0 62.8



#35
Methylcyclohexane
Concen: 8.929 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026718.D
Acq: 12 Sep 2018 21:41

Tgt Ion: 83 Resp: 18373
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.9 37.0 55.4#

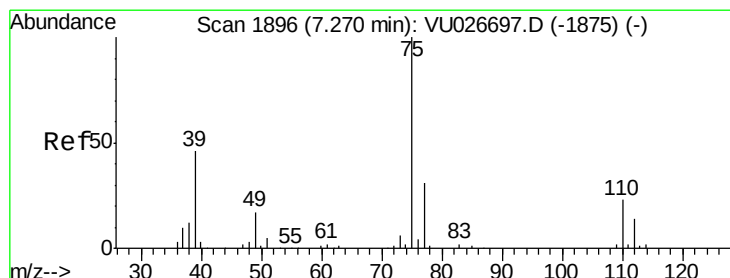
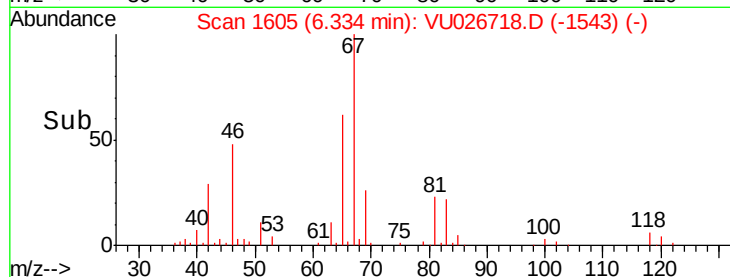
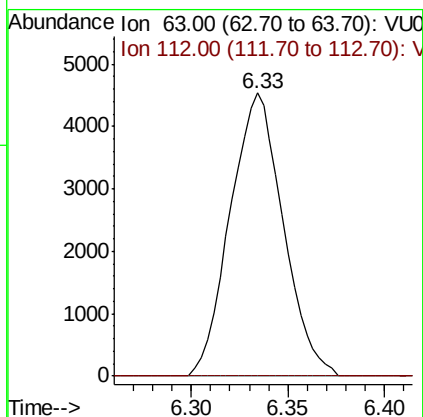
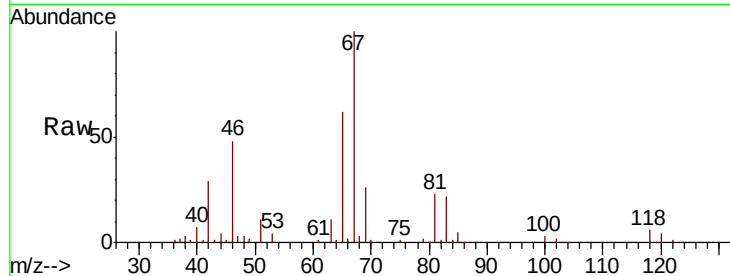




#37
 1,2-Dichloropropane
 Concen: 5.973 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026718.D
 Acq: 12 Sep 2018 21:41

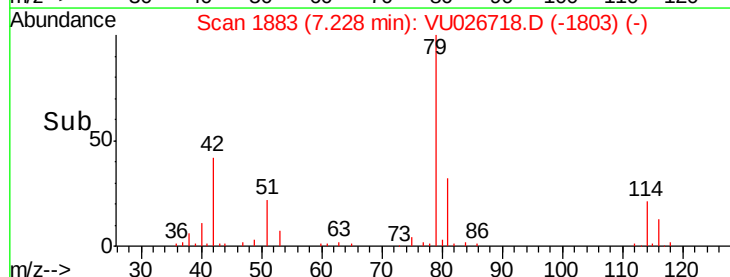
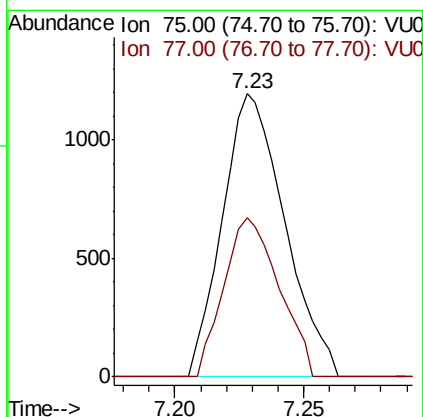
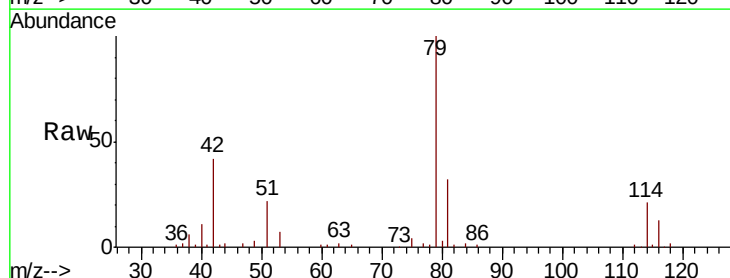
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

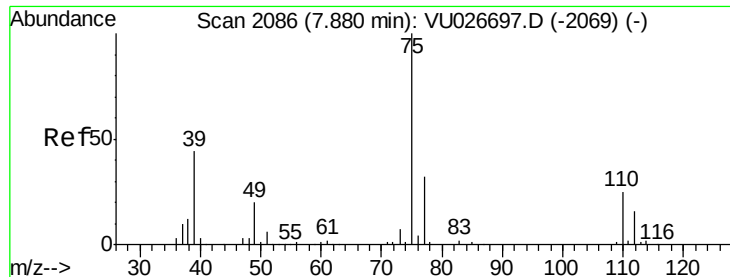
Tgt Ion: 63 Resp: 8630
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.943 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026718.D
 Acq: 12 Sep 2018 21:41

Tgt Ion: 75 Resp: 2016
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.3 41.3#

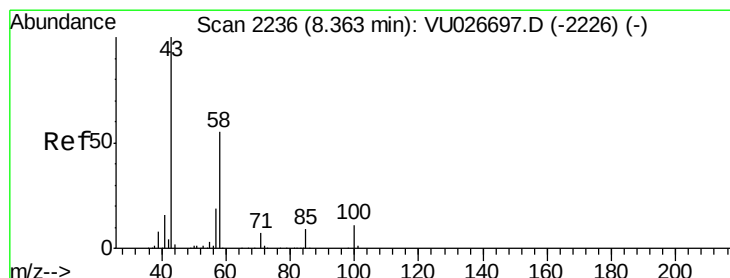
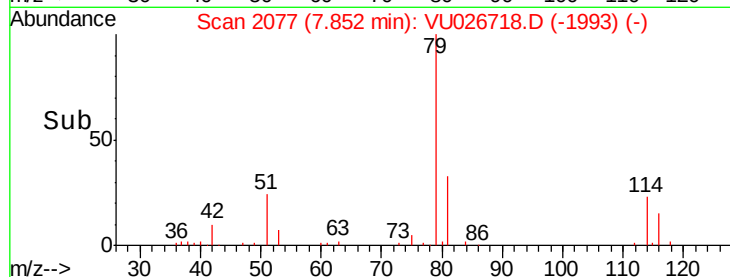
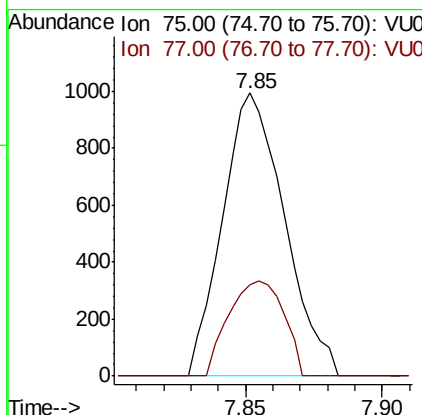
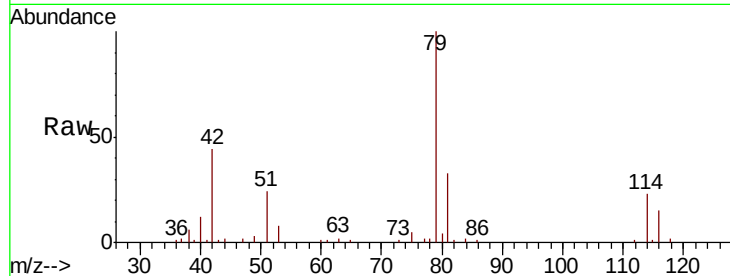




#44
trans-1,3-Dichloropropene
Concen: 0.789 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026718.D
Acq: 12 Sep 2018 21:41

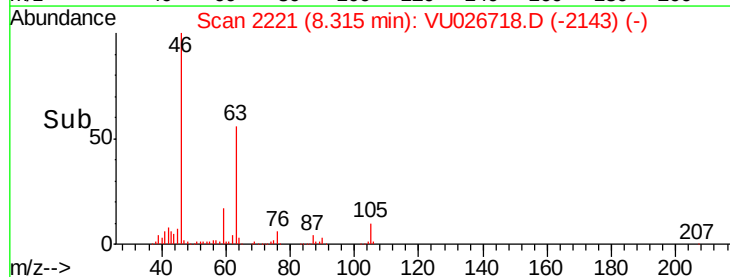
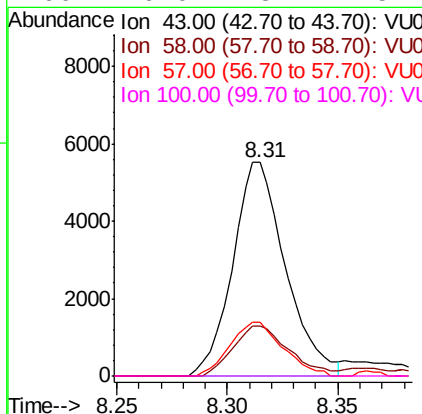
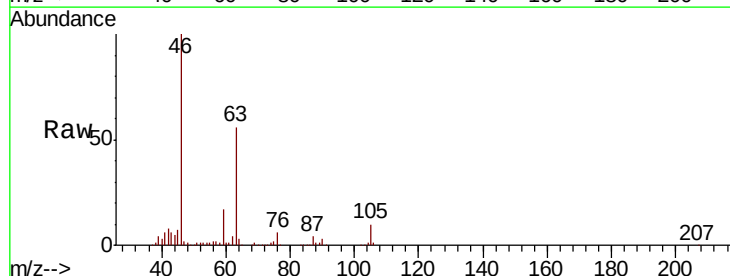
Instrument :
MSVOA_U
ClientSampled :
VHBLK02

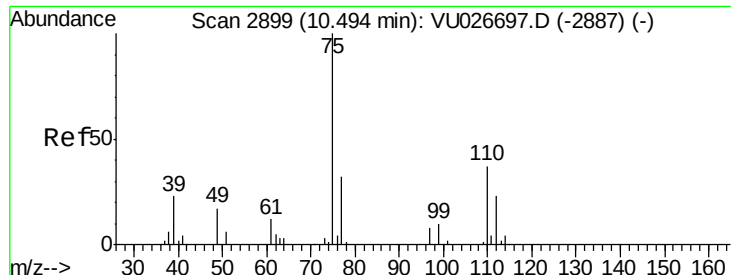
Tgt Ion: 75 Resp: 1569
Ion Ratio Lower Upper
75 100
77 32.4 22.4 41.6



#48
2-Hexanone
Concen: 5.903 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026718.D
Acq: 12 Sep 2018 21:41

Tgt Ion: 43 Resp: 9185
Ion Ratio Lower Upper
43 100
58 24.9 42.2 63.4#
57 25.1 14.4 21.6#
100 0.0 8.7 13.1#





#59
 1,2,3-Trichloropropane
 Concen: 5.350 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026718.D
 Acq: 12 Sep 2018 21:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 75 Resp: 9146
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.8 38.6

