

Data File : VU033559.D
Acq On : 02 Aug 2019 10:49
Operator : JC/SP
Sample : VU0802WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK40

Quant Time: Aug 03 00:42:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274141	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276660	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	129346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80088	40.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.36%
7) Chloroethane-d5	1.67	69	90638	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.26	63	115551	31.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.88%
21) 2-Butanone-d5	4.16	46	154771	117.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.24%
24) Chloroform-d	4.62	84	163582	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	5.29	65	110083	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
32) Benzene-d6	5.32	84	319363	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.31	67	105485	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.12%
41) Toluene-d8	7.55	98	279492	43.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.98%
43) trans-1,3-Dichloropropene-	7.83	79	48882	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.30	63	107810	105.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.62%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	169581	51.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	120960	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%

Target Compounds

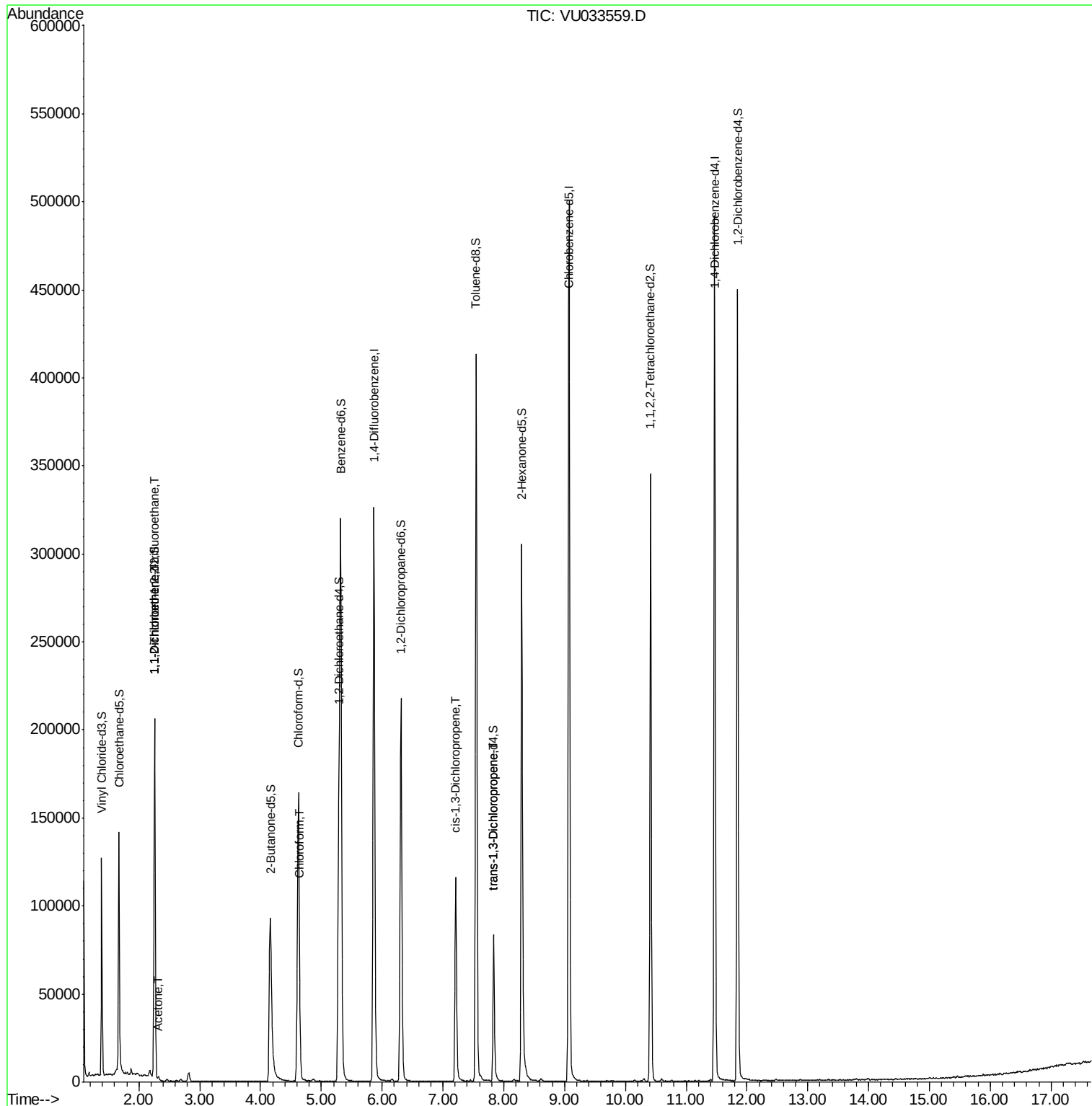
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1209	0.653 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1114	0.628 ug/L #	1
13) Acetone	2.33	43	899	0.666 ug/L	80
25) Chloroform	4.65	83	3860	1.051 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	3419	1.025 ug/L	83
44) trans-1,3-Dichloropropene	7.84	75	2298	0.763 ug/L #	82

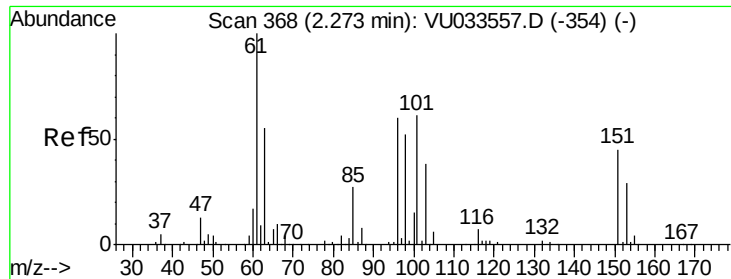
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration





#10

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

Concen: 0.653 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

VBLK40

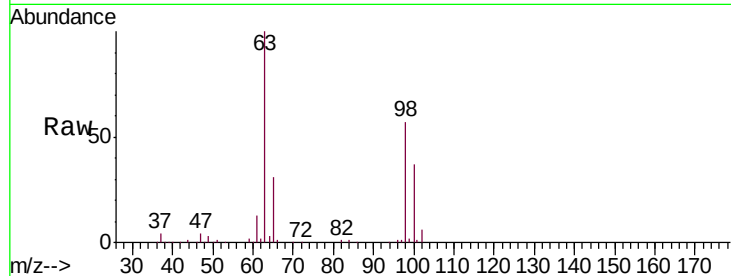
Tgt Ion: 101 Resp: 1209

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 60.1 90.1#

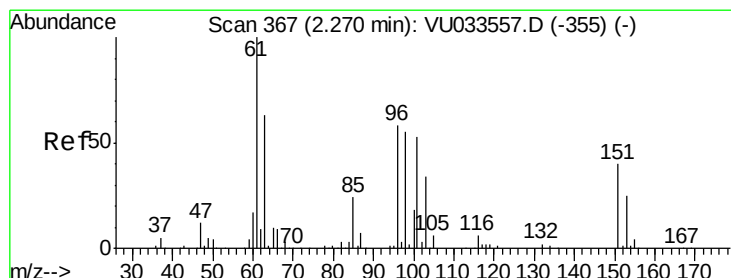
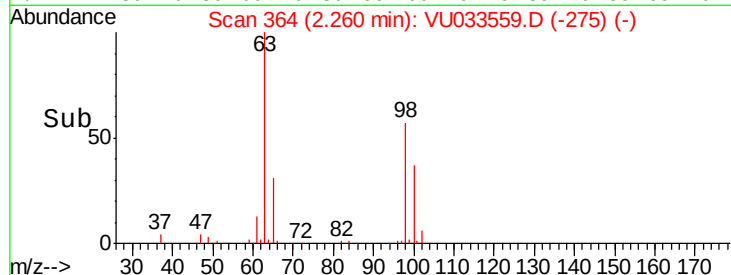
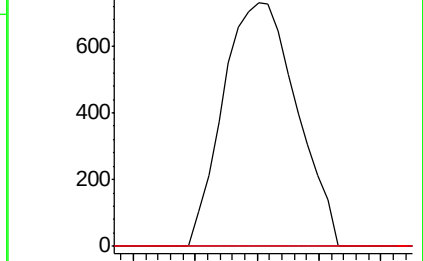


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.26



#12

1,1-Dichloroethene

Concen: 0.628 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU033559.D

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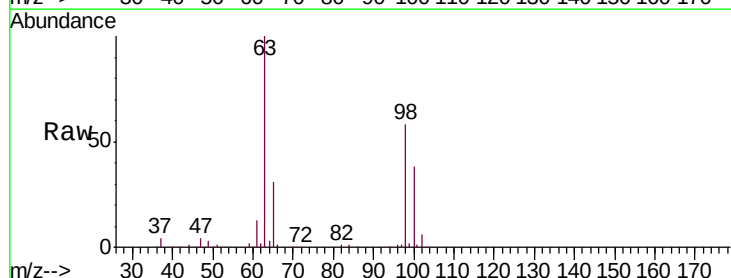
Tgt Ion: 96 Resp: 1114

Ion Ratio Lower Upper

96 100

61 1275.3 119.3 221.5#

63 9759.8 86.6 160.8#

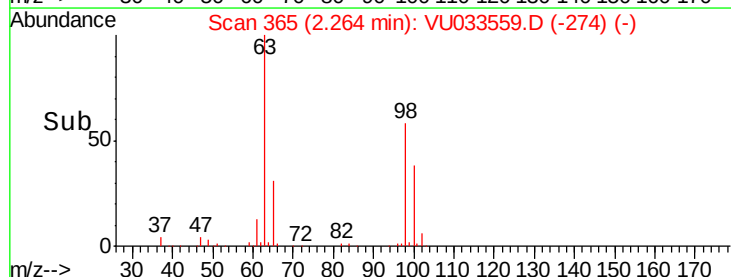
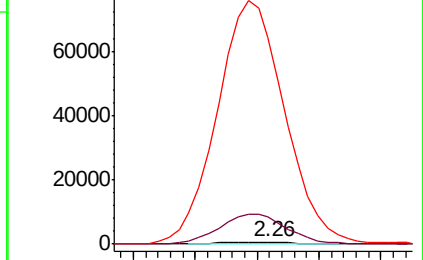


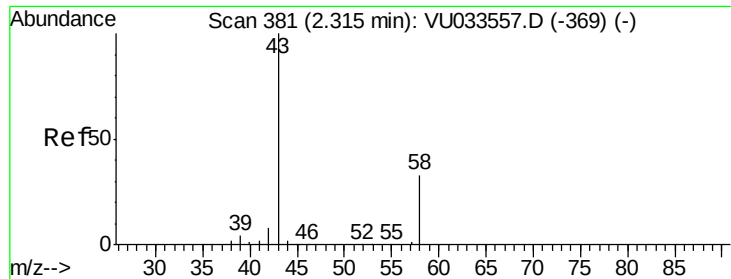
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

2.26

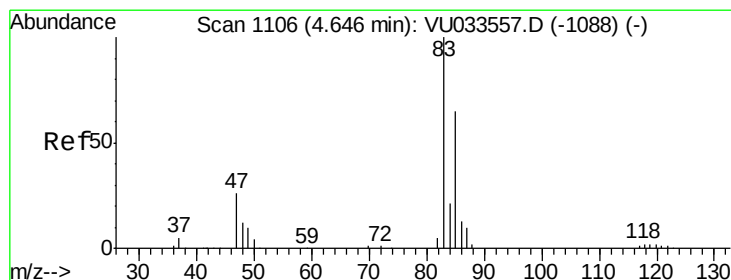
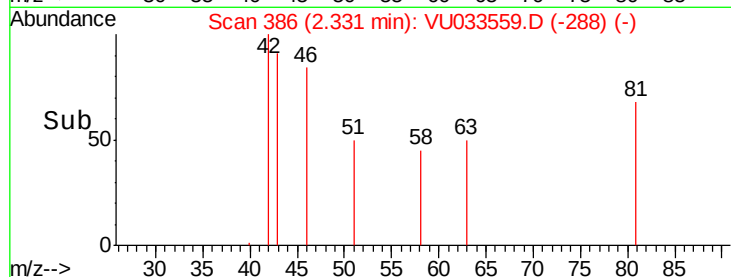
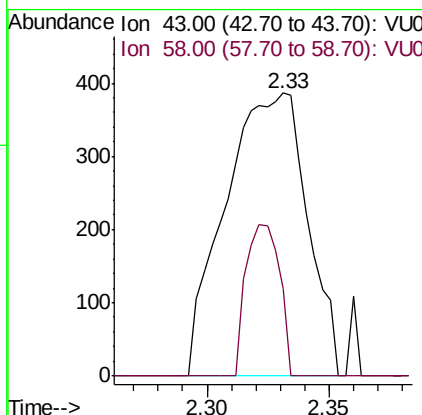
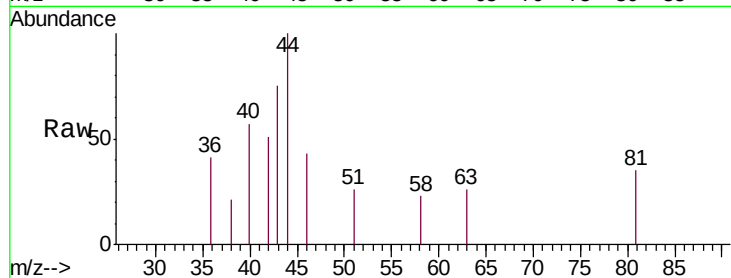




#13
Acetone
Concen: 0.666 ug/L
RT: 2.33 min Scan# 386
Delta R.T. 0.02 min
Lab File: VU033559.D
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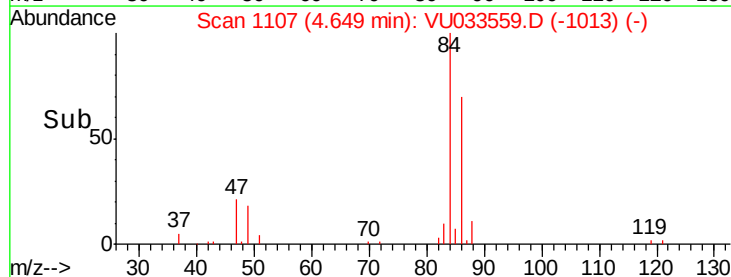
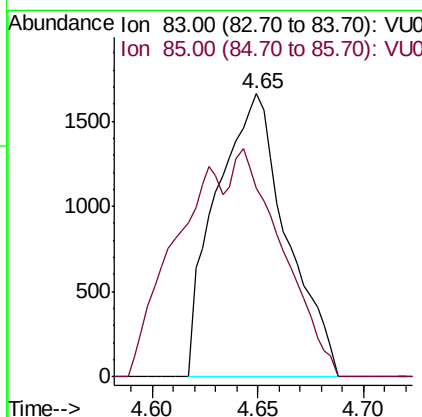
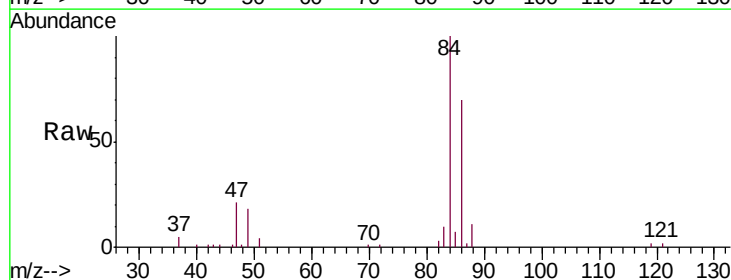
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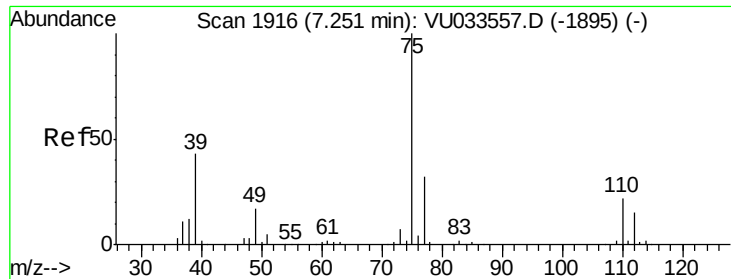
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 21.8 0.0 66.2



#25
Chloroform
Concen: 1.051 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033559.D
Acq: 02 Aug 2019 10:49

Tgt Ion: 83 Resp: 3860
Ion Ratio Lower Upper
83 100
85 66.5 45.6 84.8

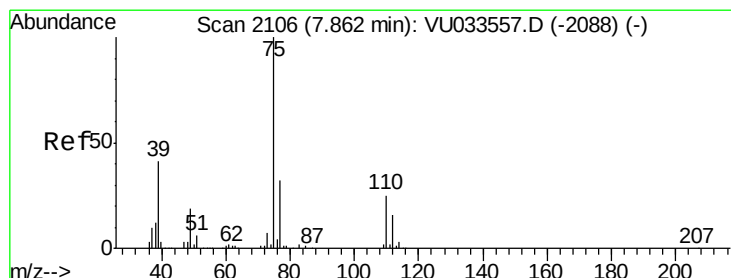
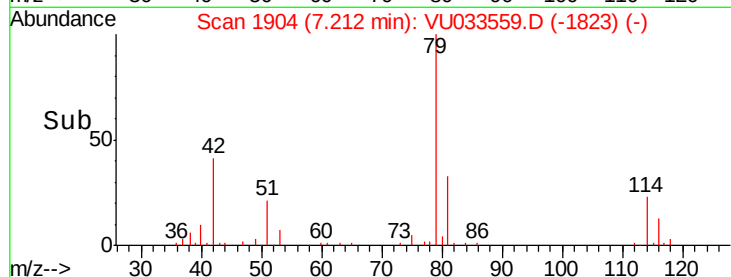
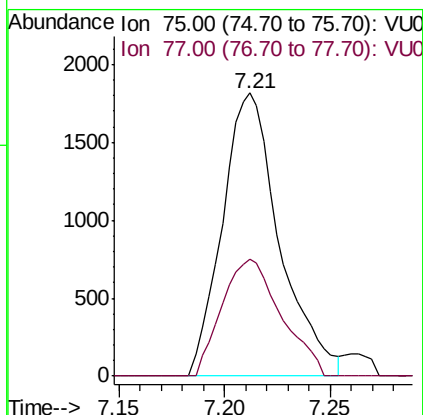
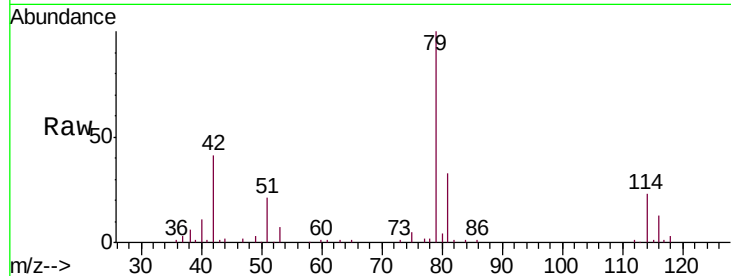




#39
 cis-1,3-Dichloropropene
 Concen: 1.025 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033559.D
 Acq: 02 Aug 2019 10:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK40

Tgt Ion: 75 Resp: 3419
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.3 41.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.763 ug/L
 RT: 7.84 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: VU033559.D
 Acq: 02 Aug 2019 10:49

Tgt Ion: 75 Resp: 2298
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.7 42.1#

