

Data File : VU037048.D
Acq On : 04 Mar 2020 18:56
Operator : JC/MD
Sample : L1784-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ4

Quant Time: Mar 05 01:01:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	245162	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	235576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	83264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88530	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	85240	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.08%
11) 1,1-Dichloroethene-d2	2.59	63	115901	33.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.24%
21) 2-Butanone-d5	4.67	46	137503	99.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.57%
24) Chloroform-d	5.11	84	156659	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.74	65	108198	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
32) Benzene-d6	5.76	84	336744	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
36) 1,2-Dichloropropane-d6	6.72	67	112213	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.68%
41) Toluene-d8	7.93	98	295646	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%
43) trans-1,3-Dichloropropene-	8.20	79	45429	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.58%
47) 2-Hexanone-d5	8.66	63	94853	87.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.89%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153306	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	12.21	152	86991	53.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.90%

Target Compounds

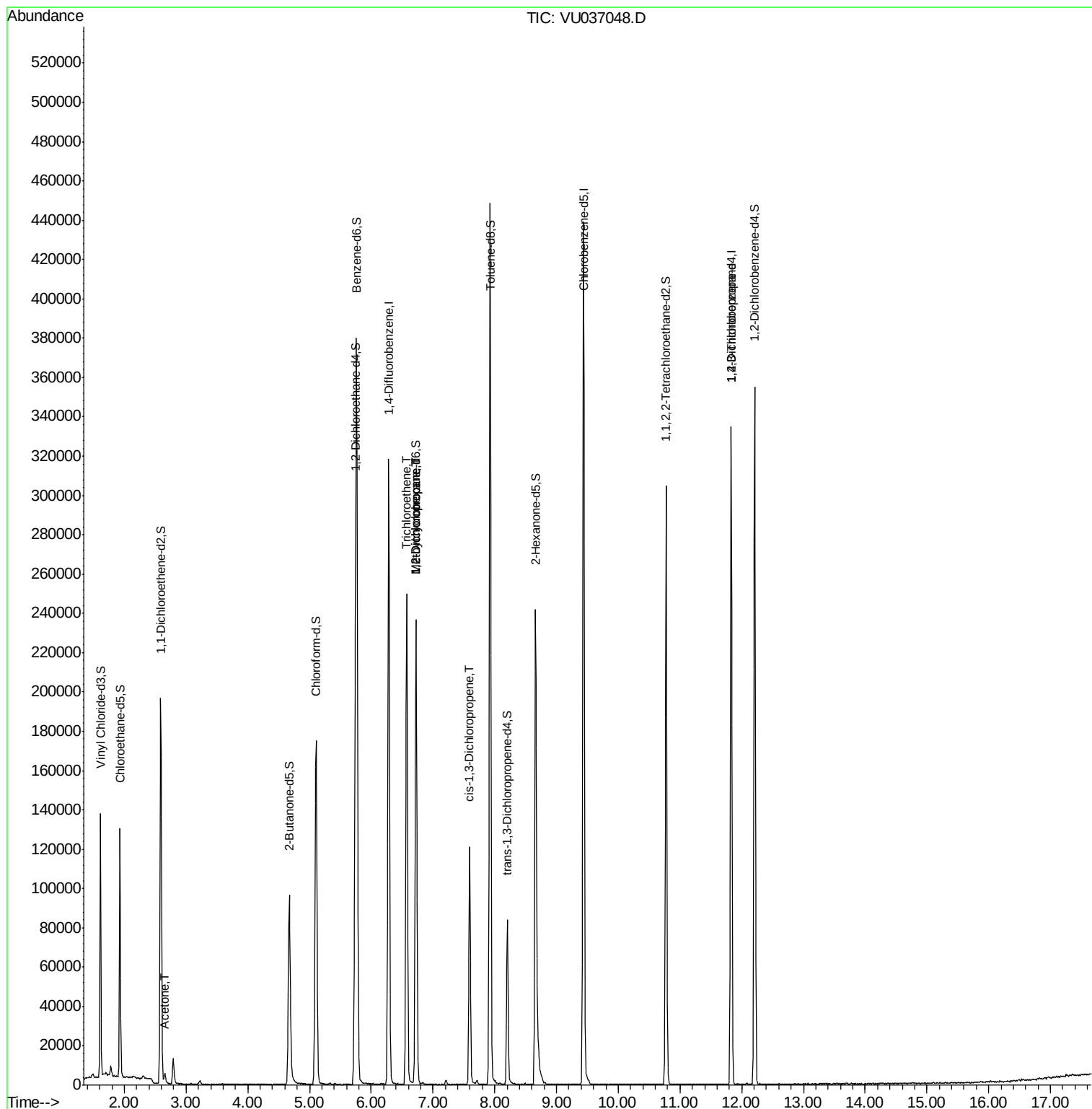
					Qvalue
13) Acetone	2.66	43	5688	4.004 ug/L	99
34) Trichloroethene	6.57	95	84097	45.975 ug/L	98
35) Methylcyclohexane	6.73	83	25005	7.884 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11885	5.931 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2811	0.911 ug/L #	62
59) 1,2,3-Trichloropropane	11.83	75	12467	4.836 ug/L	92

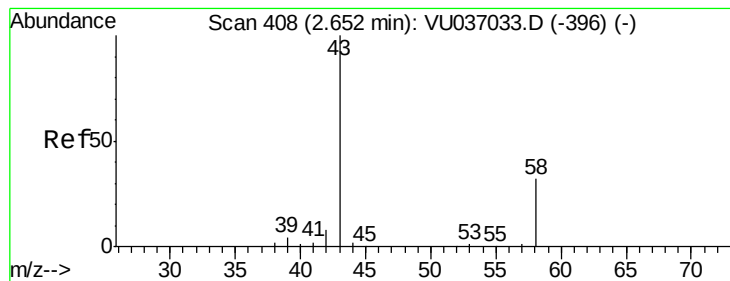
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.004 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037048.D

Acq: 04 Mar 2020 18:56

Instrument :

MSVOA_U

ClientSampleId :

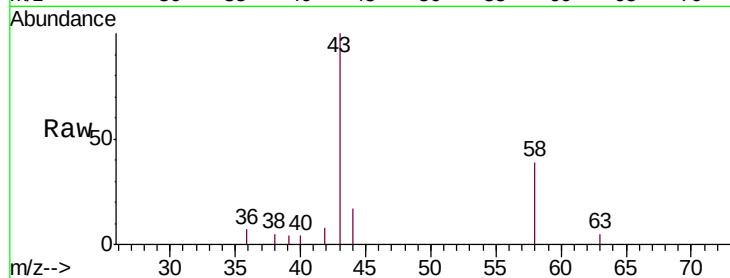
C0AZ4

Tgt Ion: 43 Resp: 5688

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037033.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037033.D (-396) (-)

2.66

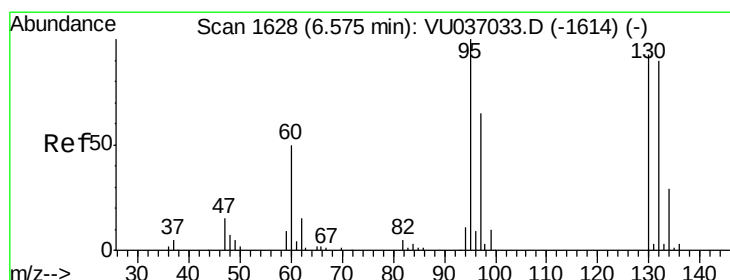
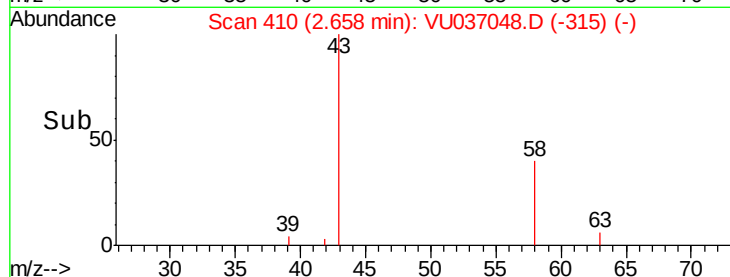
3000

2000

1000

0

Time-->



#34

Trichloroethene

Concen: 45.975 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037048.D

Acq: 04 Mar 2020 18:56

Tgt Ion: 95 Resp: 84097

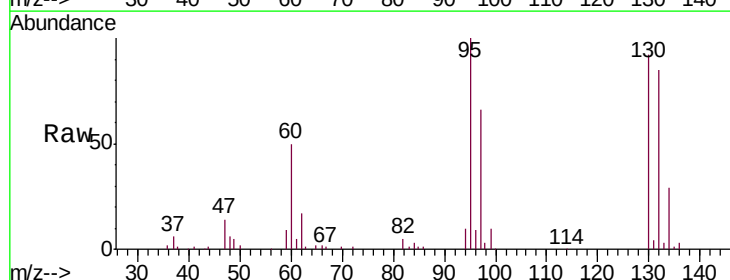
Ion Ratio Lower Upper

95 100

97 65.8 44.1 81.9

132 85.4 60.6 112.6

130 92.1 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU037033.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU037033.D (-1614) (-)

Ion 132.00 (131.70 to 132.70): VU037033.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU037033.D (-1614) (-)

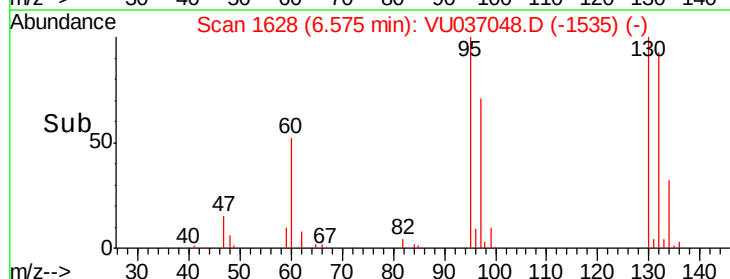
60000

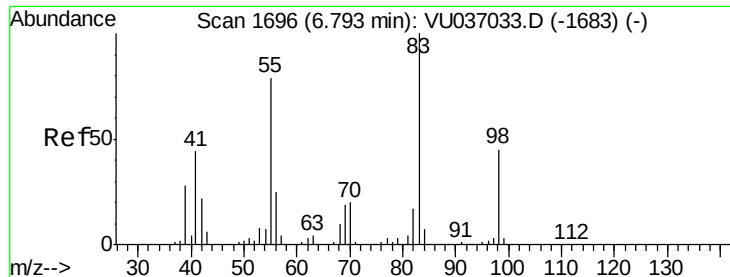
40000

20000

0

Time-->

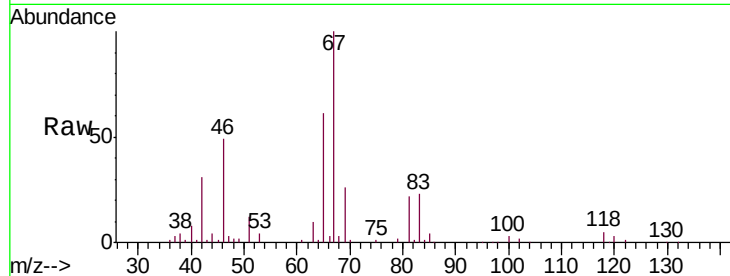




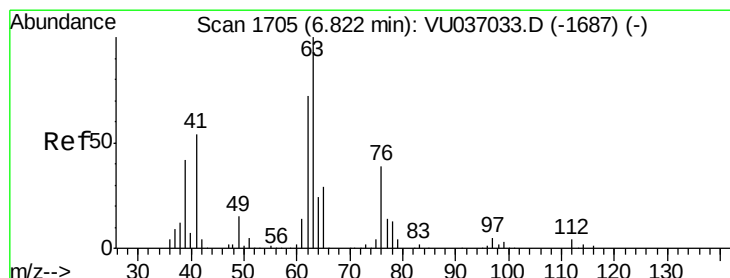
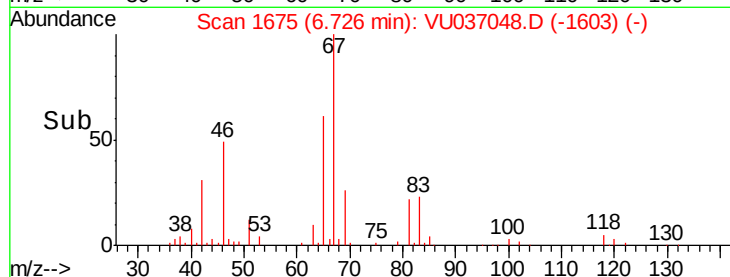
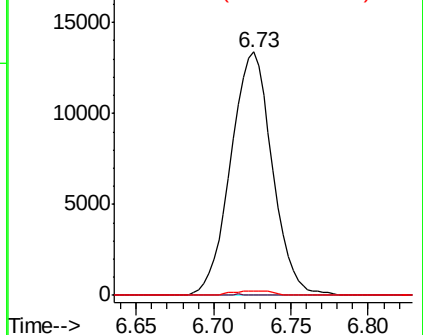
#35
Methylcyclohexane
Concen: 7.884 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037048.D
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Instrument :
MSVOA_U
ClientSampleId :
C0AZ4

Tgt Ion: 83 Resp: 25005
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.9 35.1 52.7#

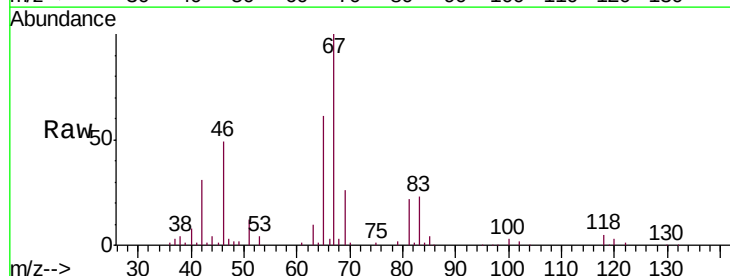


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

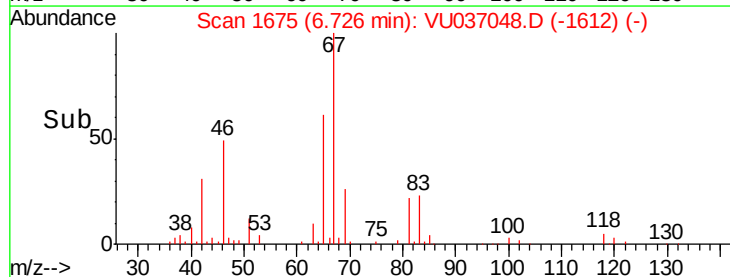
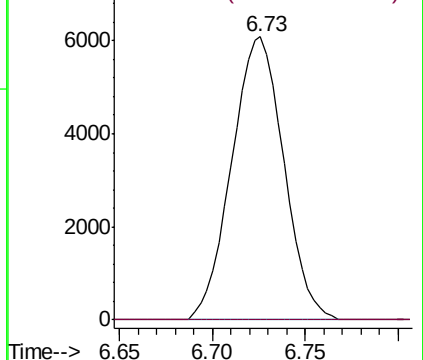


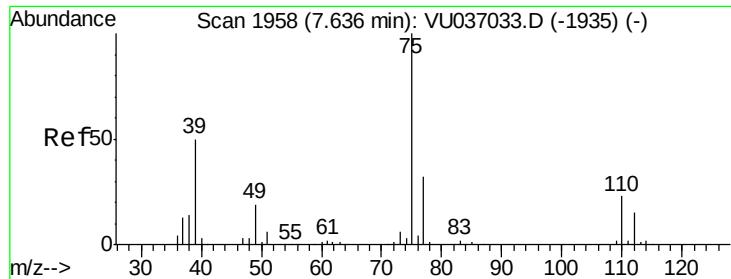
#37
1,2-Dichloropropane
Concen: 5.931 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037048.D
Acq: 04 Mar 2020 18:56

Tgt Ion: 63 Resp: 11885
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

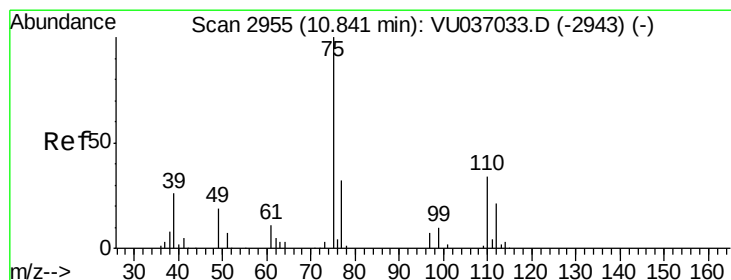
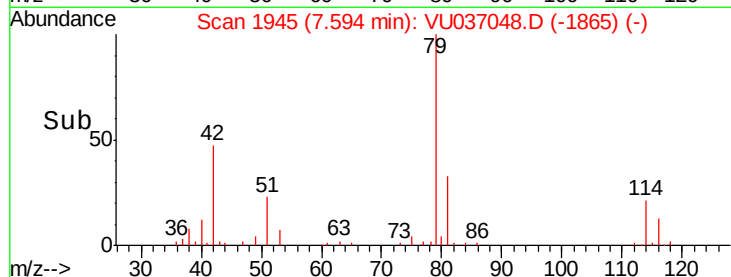
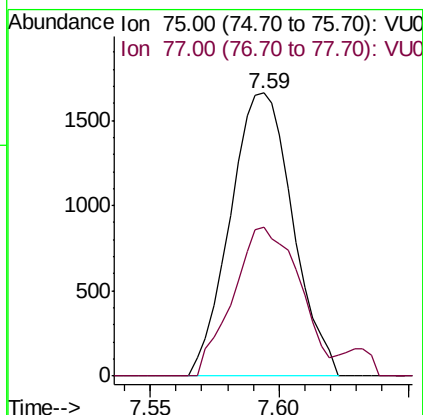
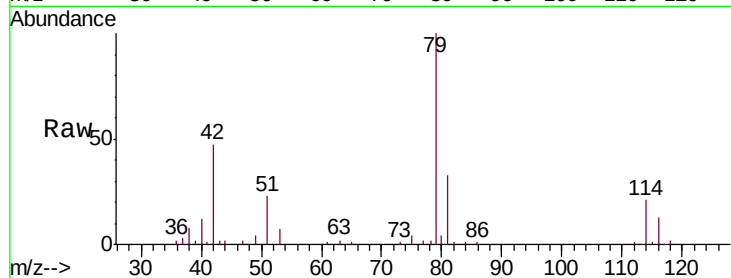




#39
 cis-1,3-Dichloropropene
 Concen: 0.911 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037048.D
 Acq: 04 Mar 2020 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ4

Tgt Ion: 75 Resp: 2811
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.836 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037048.D
 Acq: 04 Mar 2020 18:56

Tgt Ion: 75 Resp: 12467
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.2 39.2

