

Data File : VU036131.D
Acq On : 11 Dec 2019 14:21
Operator : JC/MD
Sample : K6167-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQT8

Quant Time: Dec 12 06:14:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	300295	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	120828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130045	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.93	69	122926	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	135568	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.70	46	287037	62.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.86%
24) Chloroform-d	5.11	84	211323	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	110991	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	398344	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.73	67	131880	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.93	98	316605	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.21	79	47030	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.68	63	227490	58.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	119300	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	116157	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

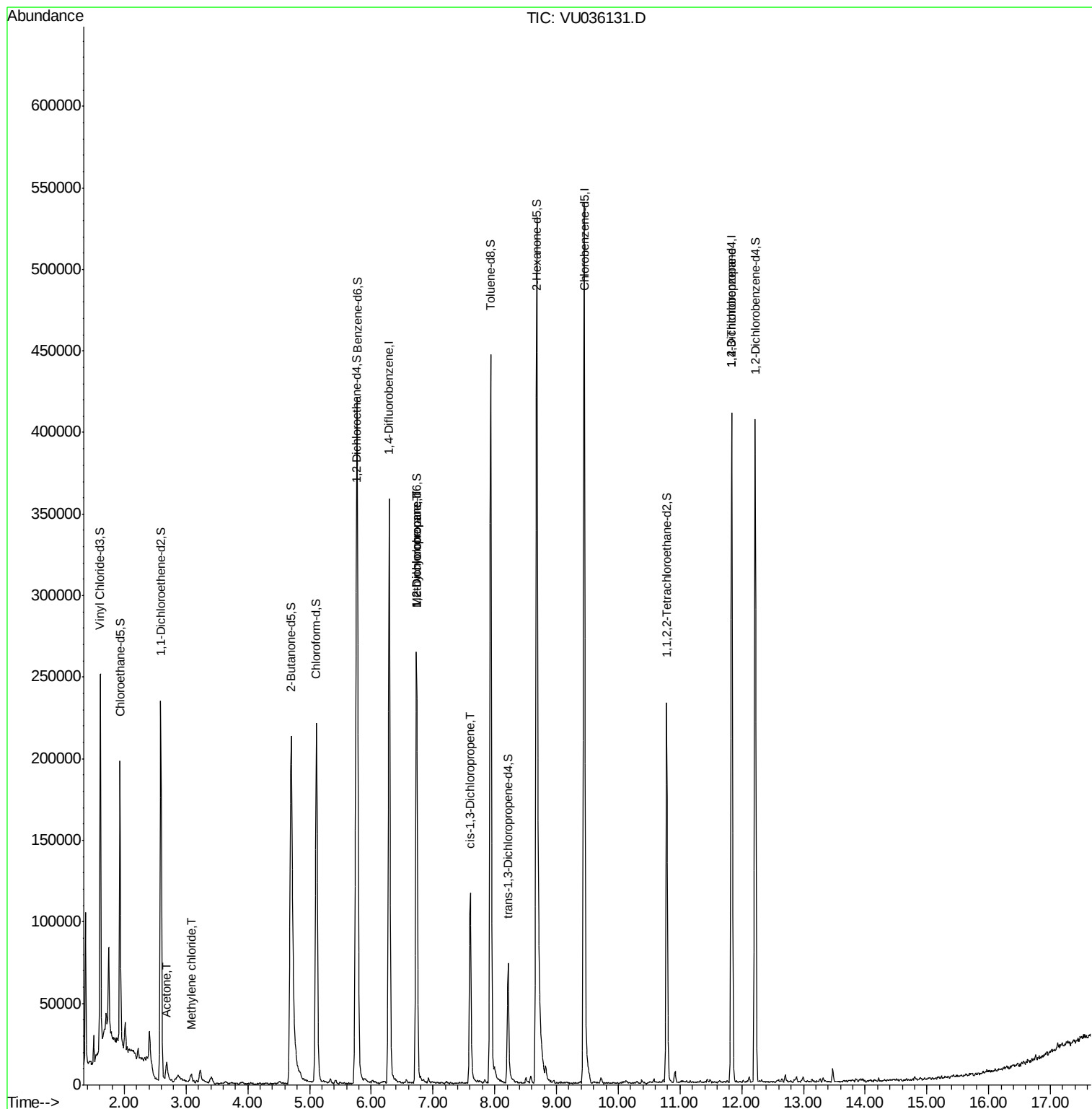
					Qvalue
13) Acetone	2.69	43	17872	3.087 ug/L	94
16) Methylene chloride	3.09	84	2188	0.072 ug/L #	86
35) Methylcyclohexane	6.73	83	30364	0.924 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12674	0.547 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2681	0.085 ug/L #	24
59) 1,2,3-Trichloropropane	11.84	75	13201	0.798 ug/L	91

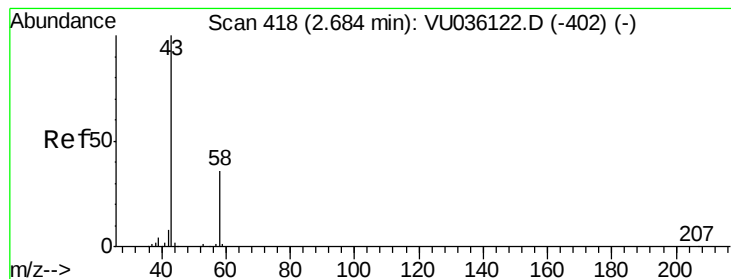
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.087 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

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ClientSampleId :

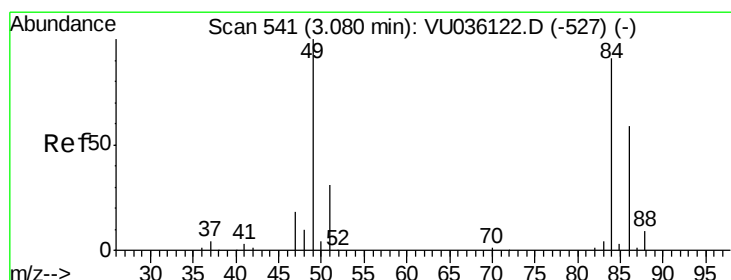
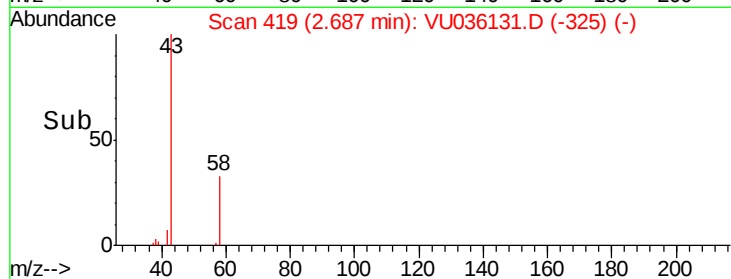
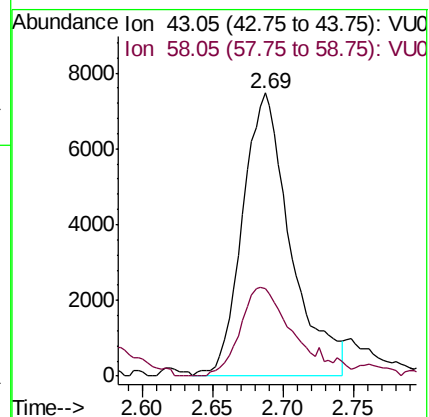
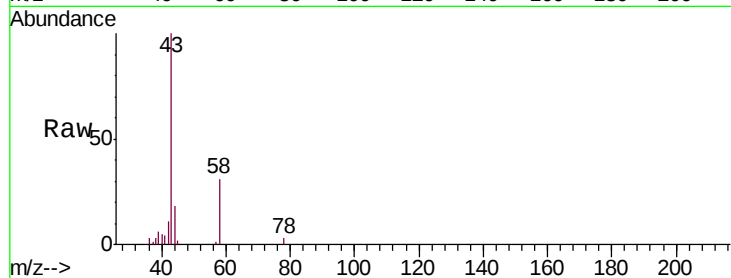
BFQT8

Tgt Ion: 43 Resp: 17872

Ion Ratio Lower Upper

43 100

58 33.7 0.0 74.2



#16

Methylene chloride

Concen: 0.072 ug/L

RT: 3.09 min Scan# 544

Delta R.T. 0.01 min

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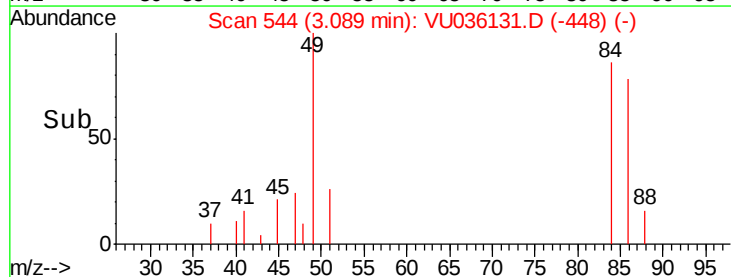
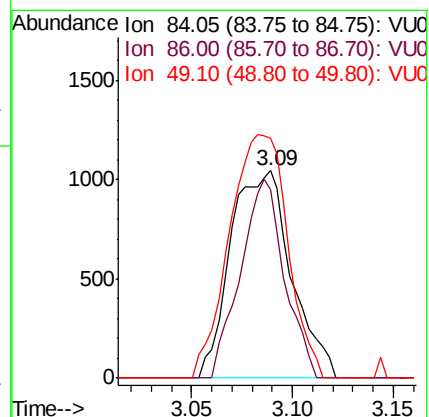
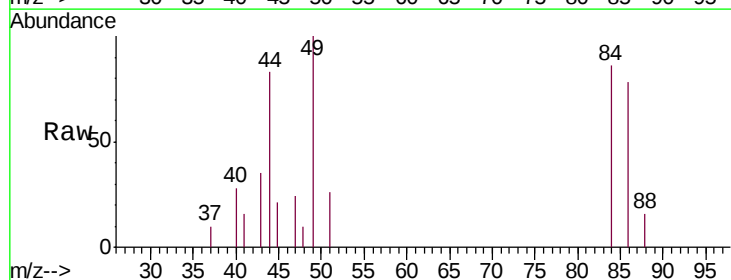
Tgt Ion: 84 Resp: 2188

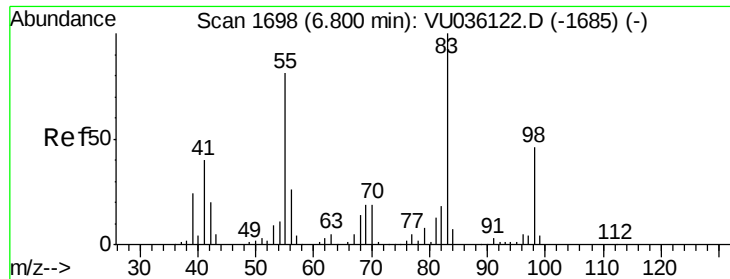
Ion Ratio Lower Upper

84 100

86 90.8 47.5 88.3#

49 115.9 76.9 142.9

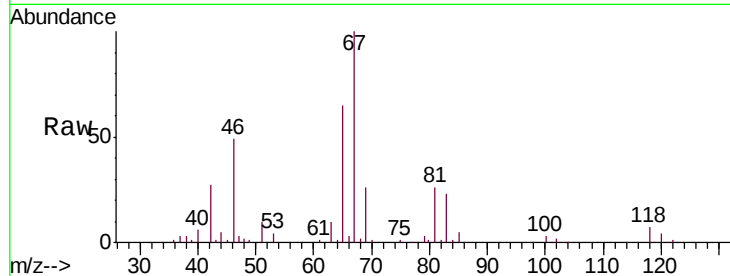




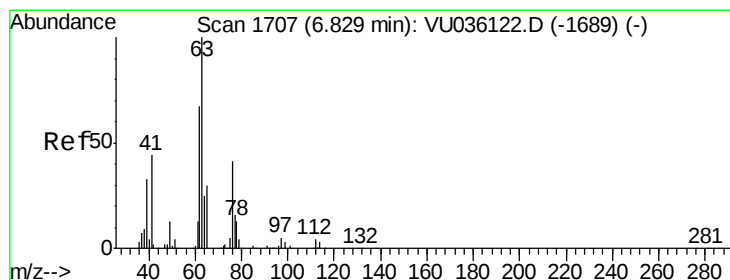
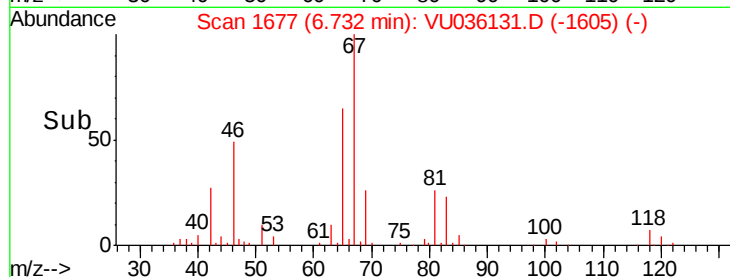
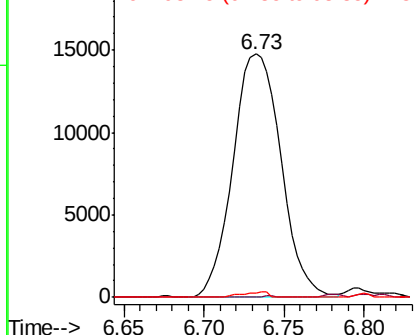
#35
Methylcyclohexane
Concen: 0.924 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
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Instrument :
MSVOA_U
ClientSampleId :
BFQT8

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.1	93.1#
98	1.2	37.0	55.4#

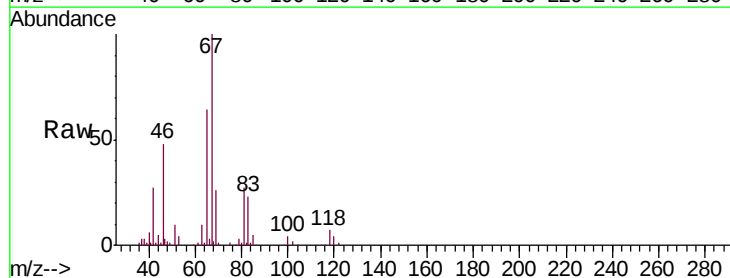


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

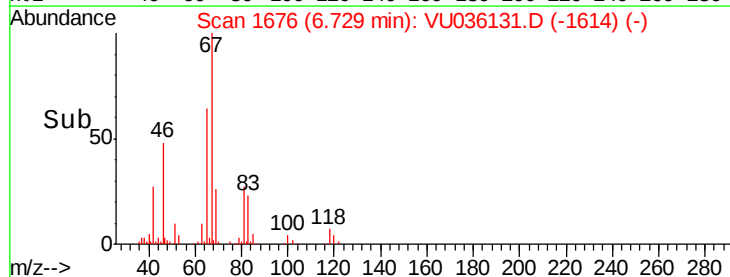
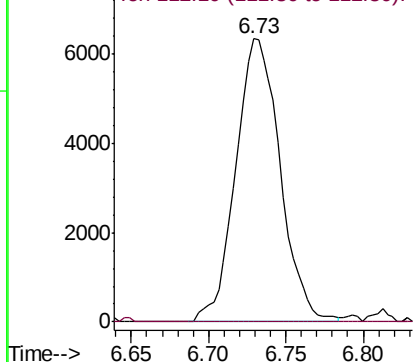


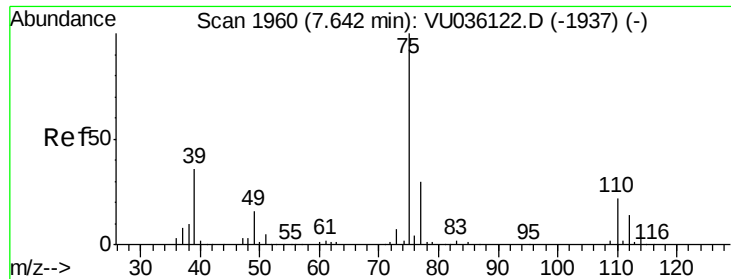
#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036131.D
Acq: 11 Dec 2019 14:21

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

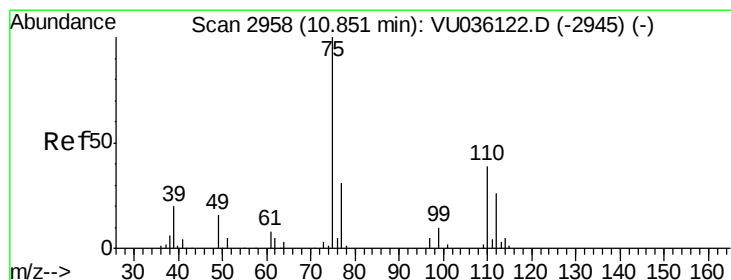
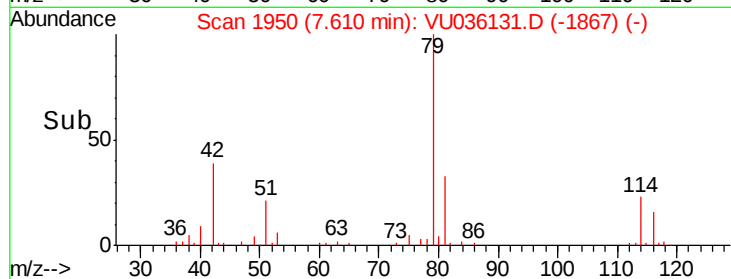
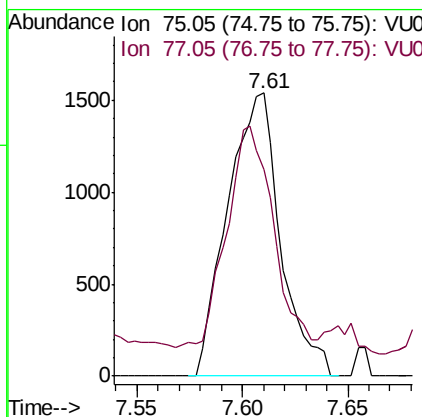
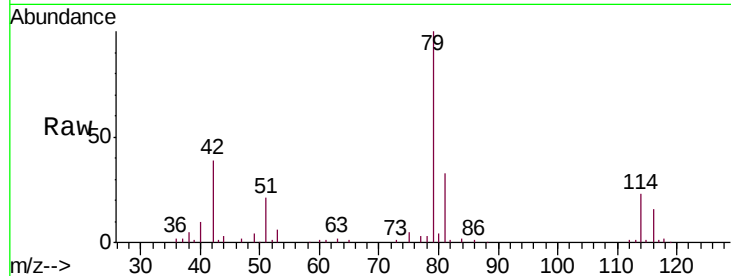




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.61 min Scan# 1950
 Delta R.T. -0.03 min
 Lab File: VU036131.D
 Acq: 11 Dec 2019 14:21

Instrument :
 MSVOA_U
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 BFQT8

Tgt Ion: 75 Resp: 2681
 Ion Ratio Lower Upper
 75 100
 77 72.9 21.7 40.3#



#59
 1,2,3-Trichloropropane
 Concen: 0.798 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036131.D
 Acq: 11 Dec 2019 14:21

Tgt Ion: 75 Resp: 13201
 Ion Ratio Lower Upper
 75 100
 77 38.8 26.7 40.1

