

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122619\
 Data File : VU036345.D
 Acq On : 26 Dec 2019 13:40
 Operator : JC/MD
 Sample : VU1226WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 15:43:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 26 15:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	271169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	300991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	124104	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109813	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.93	69	105993	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.59	63	122995	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.69	46	254885	56.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.94%
24) Chloroform-d	5.11	84	191876	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.75	65	105003	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.77	84	346326	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.73	67	114508	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.93	98	272712	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.21	79	44509	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.67	63	198590	52.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.90%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	107728	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	115265	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

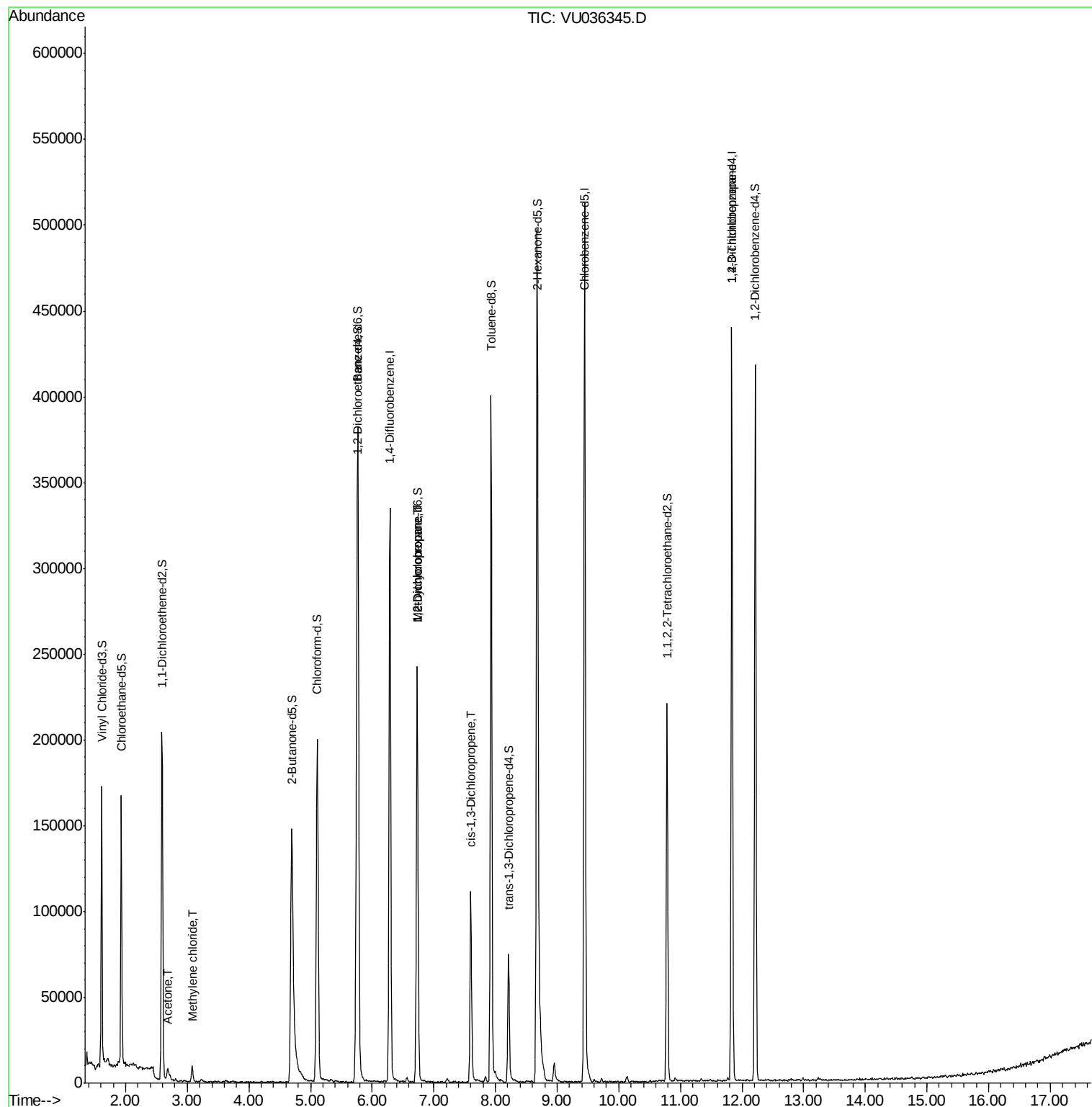
					Ovalue
13) Acetone	2.68	43	11123	2.853 ug/L	95
16) Methylene chloride	3.09	84	4233	0.143 ug/L	94
35) Methylcyclohexane	6.73	83	27673	0.816 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12796	0.542 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3095	0.096 ug/L #	27
59) 1,2,3-Trichloropropane	11.83	75	14041	0.895 ug/L	92

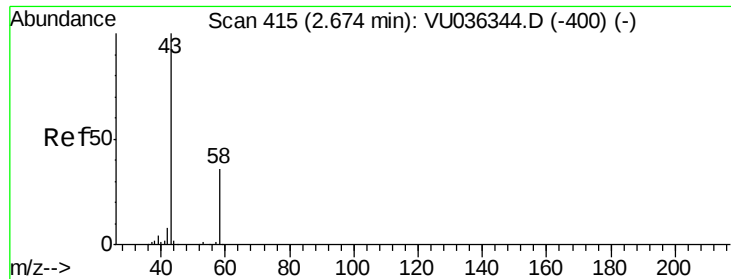
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 26 15:41:25 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.853 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036345.D

Acq: 26 Dec 2019 13:40

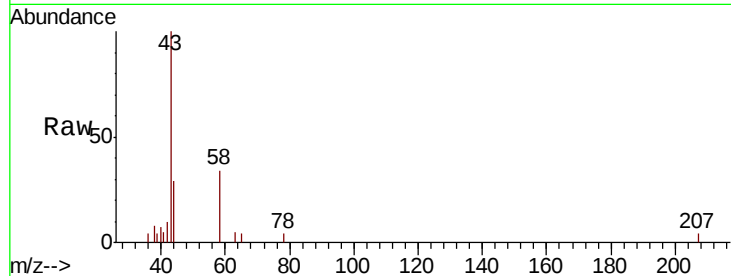
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 11123

Ion Ratio Lower Upper

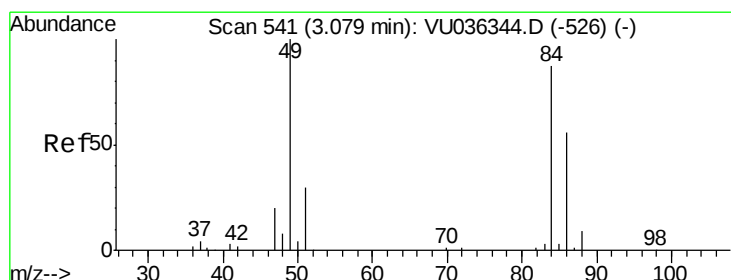
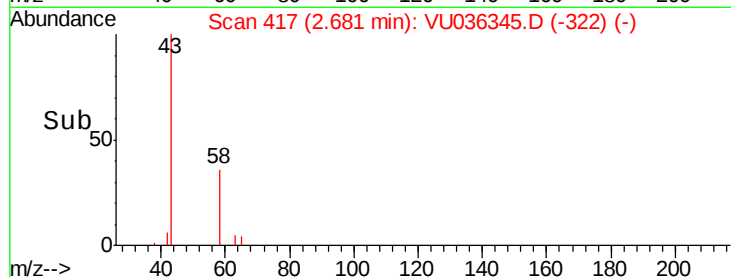
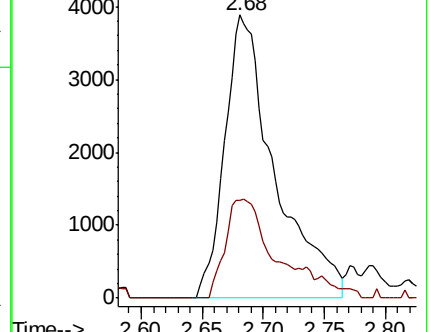
43 100

58 36.8 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036344.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036344.D (-400) (-)



#16

Methylene chloride

Concen: 0.143 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU036345.D

Acq: 26 Dec 2019 13:40

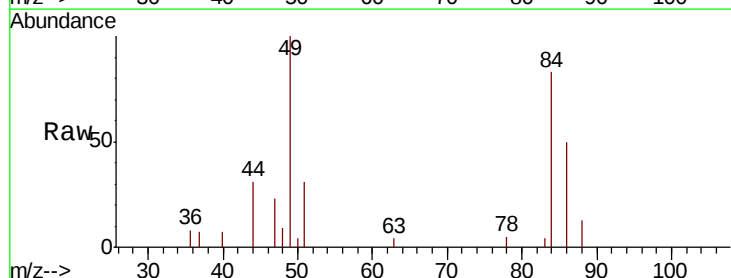
Tgt Ion: 84 Resp: 4233

Ion Ratio Lower Upper

84 100

86 60.4 43.0 79.8

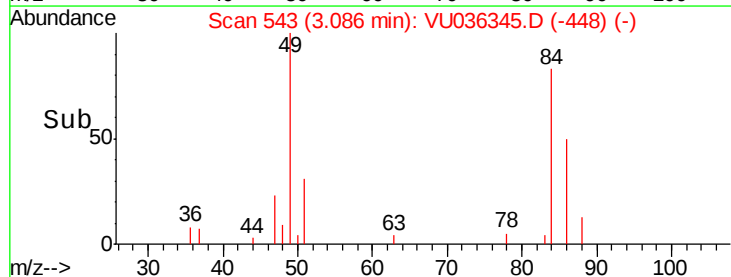
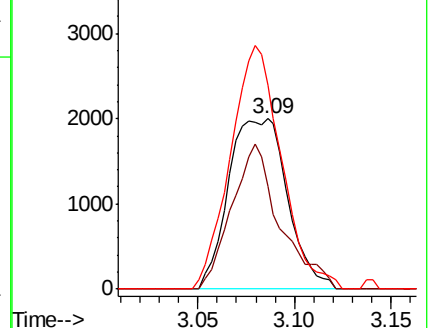
49 120.0 77.3 143.5

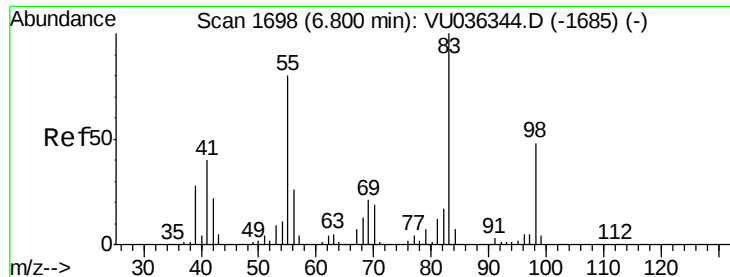


Abundance Ion 84.05 (83.75 to 84.75): VU036344.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036344.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU036344.D (-526) (-)

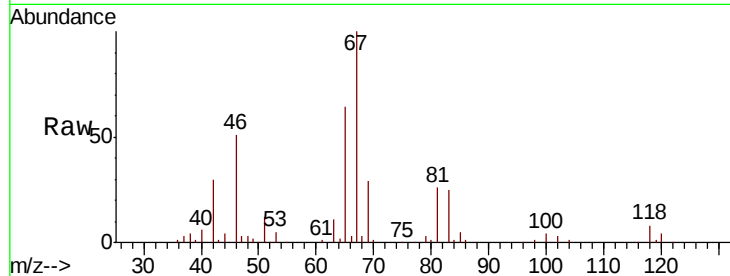




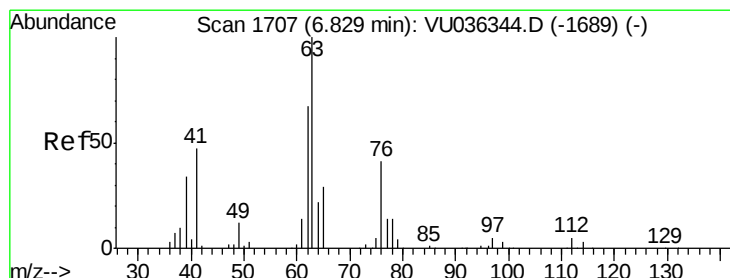
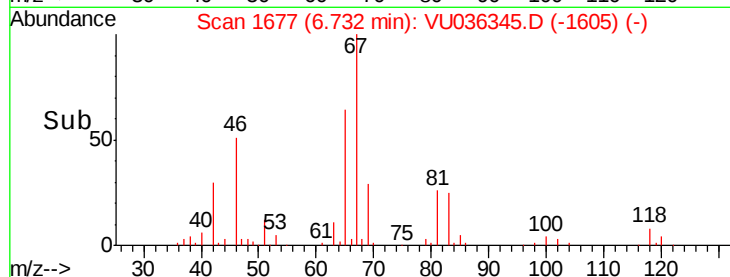
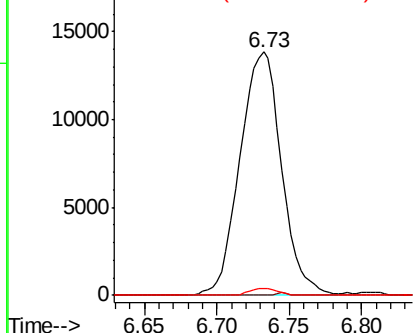
#35
Methvlcvclohexane
Concen: 0.816 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036345.D
Acq: 26 Dec 2019 13:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	94.0#
98	1.8	36.2	54.2#

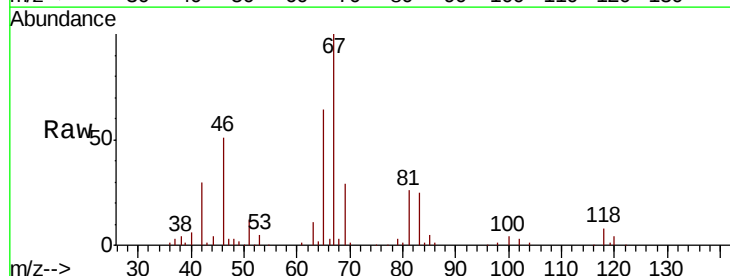


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

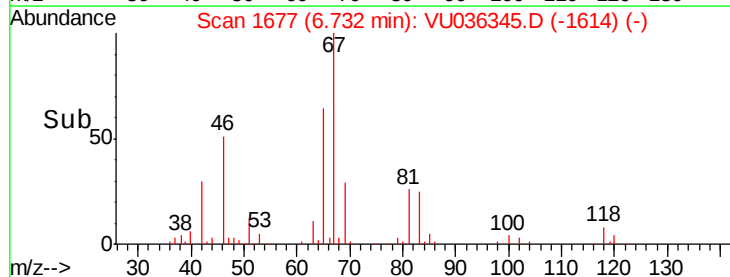
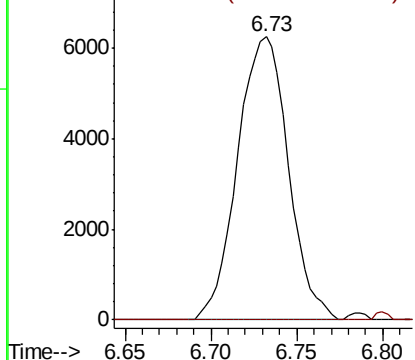


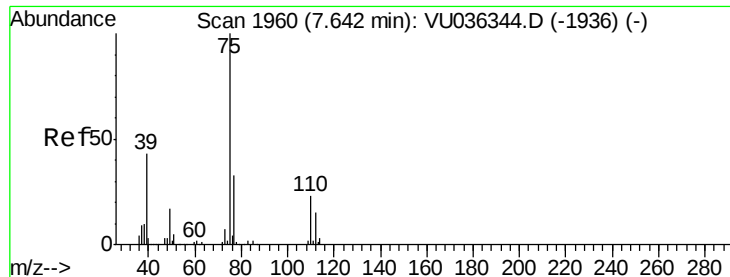
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036345.D
Acq: 26 Dec 2019 13:40

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.8	5.8#



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



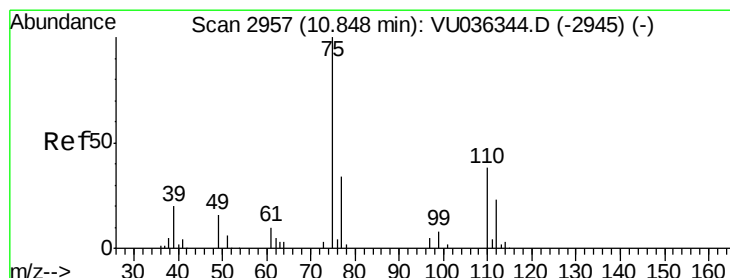
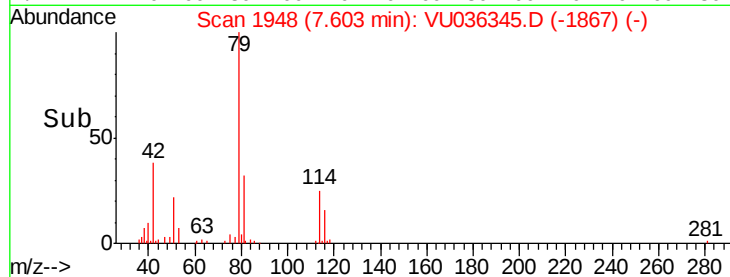
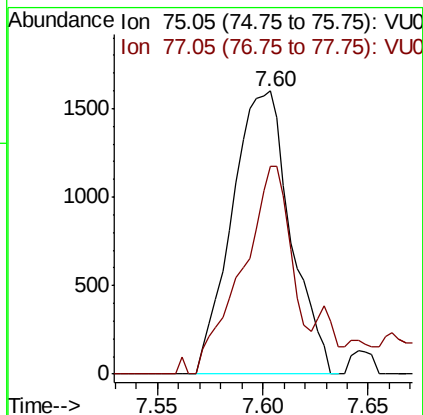
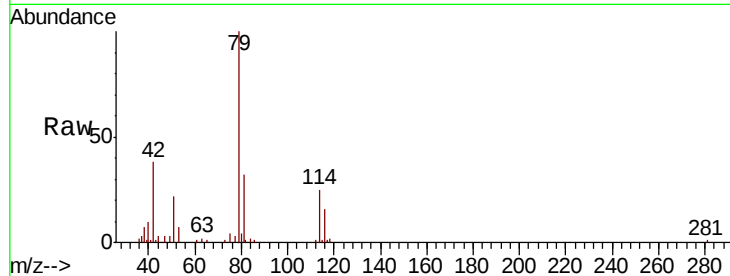


#39

cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036345.D
 Acq: 26 Dec 2019 13:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3095
 Ion Ratio Lower Upper
 75 100
 77 73.5 22.7 42.1#



#59

1,2,3-Trichloropropane
 Concen: 0.895 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036345.D
 Acq: 26 Dec 2019 13:40

Tgt Ion: 75 Resp: 14041
 Ion Ratio Lower Upper
 75 100
 77 38.4 27.2 40.8

