

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121719\
 Data File : VU036249.D
 Acq On : 17 Dec 2019 11:09
 Operator : JC/MD
 Sample : VU1217WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:25:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 18 01:23:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	216317	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	239848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91539	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.93	69	85281	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.59	63	93971	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.69	46	204228	57.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.46%
24) Chloroform-d	5.11	84	159003	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.75	65	88696	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.77	84	285425	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	95387	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.93	98	225965	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.21	79	36346	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.68	63	150886	50.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90368	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	87702	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

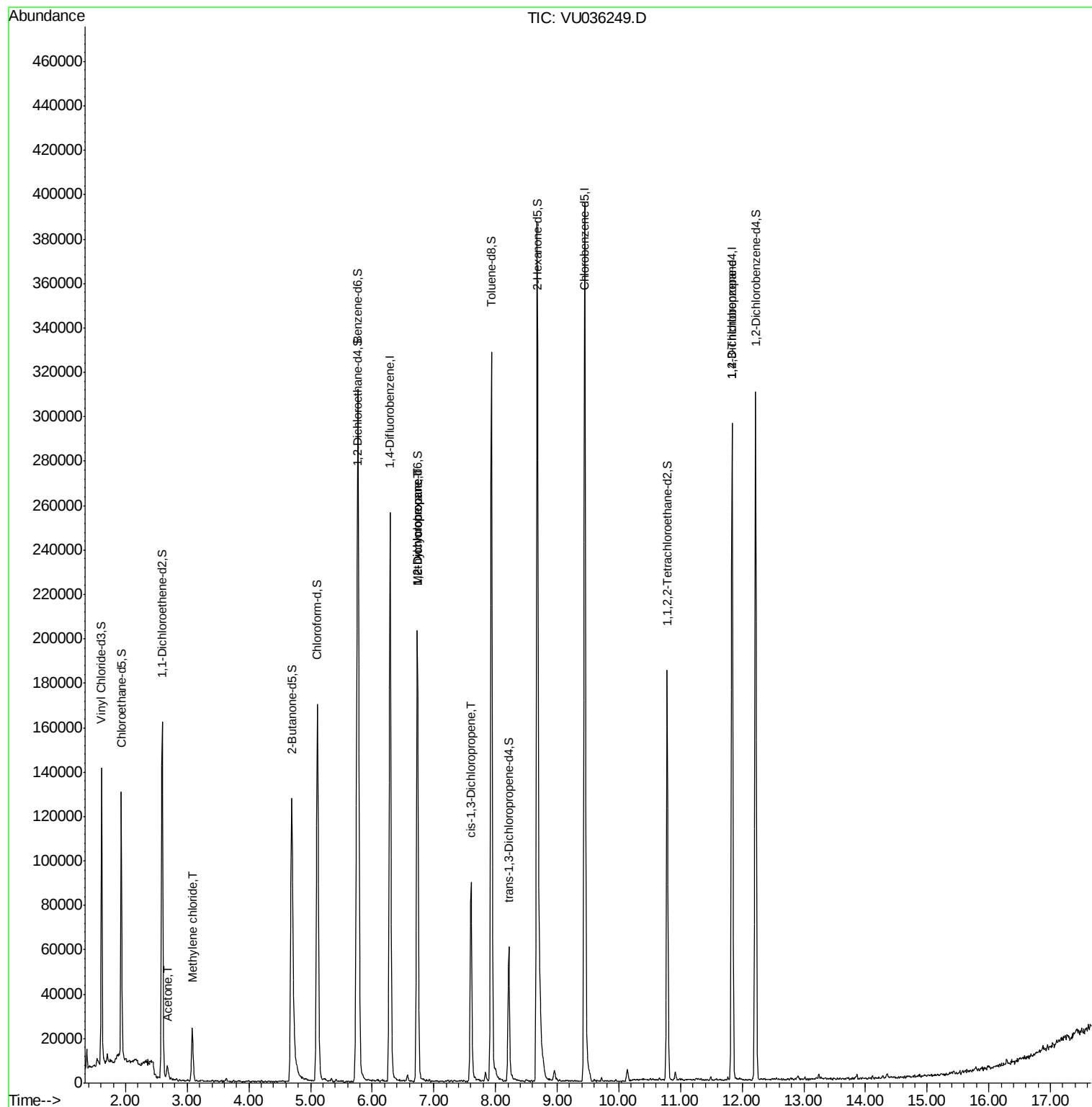
					Ovalue
13) Acetone	2.68	43	8089	2.601 ug/L	94
16) Methylene chloride	3.08	84	11341	0.481 ug/L	97
35) Methylcyclohexane	6.73	83	23728	0.878 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10343	0.550 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2408	0.094 ug/L #	52
59) 1,2,3-Trichloropropane	11.84	75	9623	0.770 ug/L	95

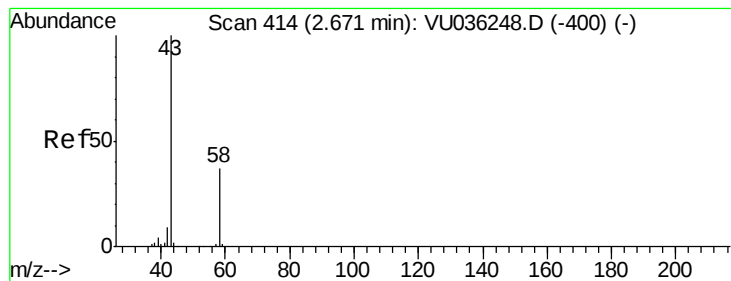
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.601 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036249.D

Acq: 17 Dec 2019 11:09

Instrument :

MSVOA_U

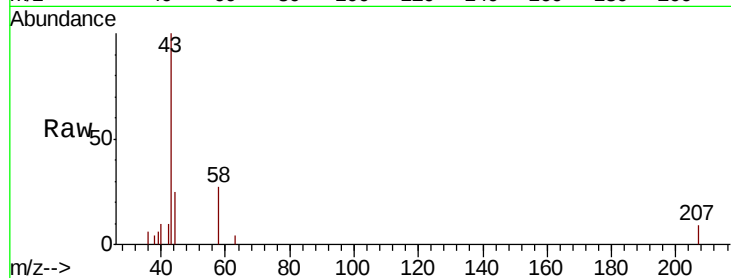
ClientSampleId :

Tot Ion: 43 Resp: 8089

Ion Ratio Lower Upper

43 100

58 30.3 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036249.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU036249.D (-321) (-)

2.68

4000

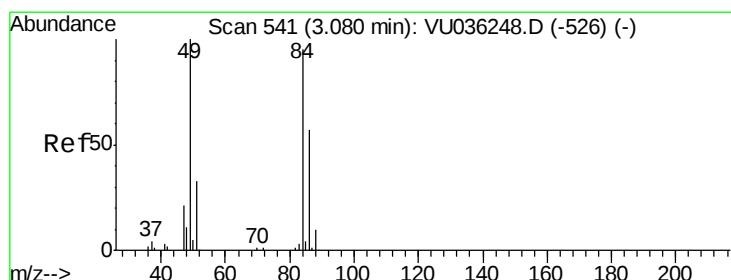
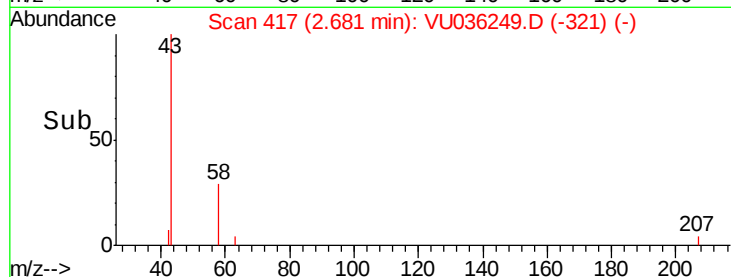
3000

2000

1000

0

Time--> 2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.481 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036249.D

Acq: 17 Dec 2019 11:09

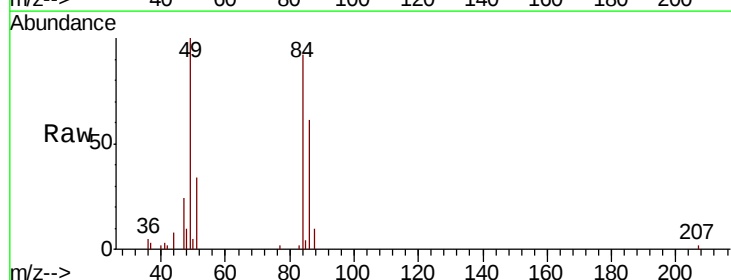
Tgt Ion: 84 Resp: 11341

Ion Ratio Lower Upper

84 100

86 66.1 43.0 79.8

49 108.4 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036249.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036249.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036249.D (-448) (-)

3.08

8000

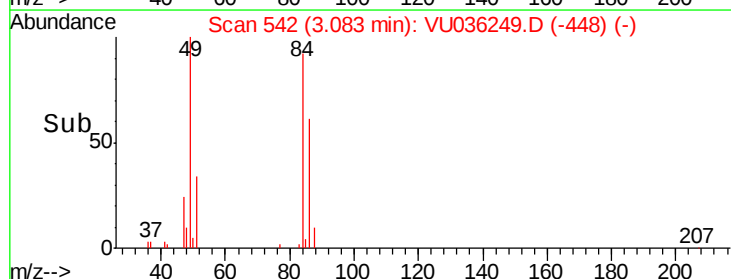
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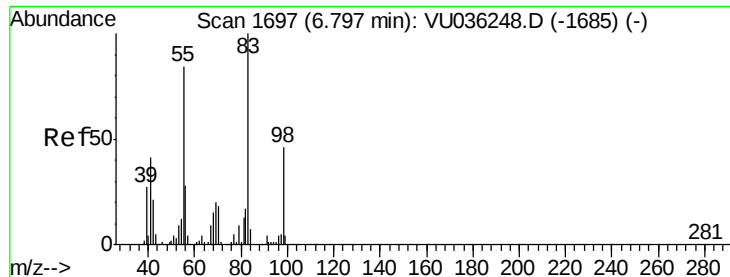
4000

2000

0

Time--> 3.00 3.05 3.10 3.15

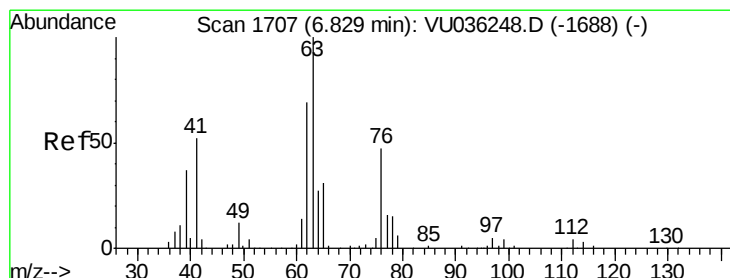
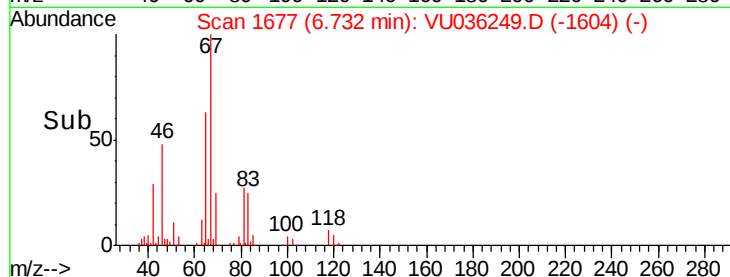
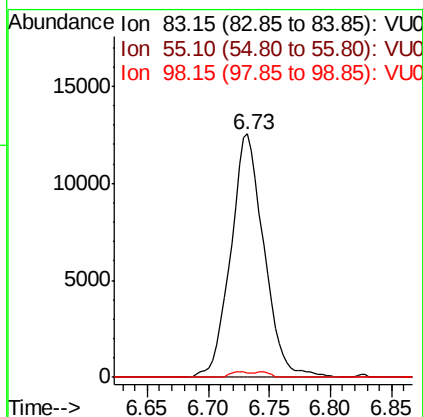
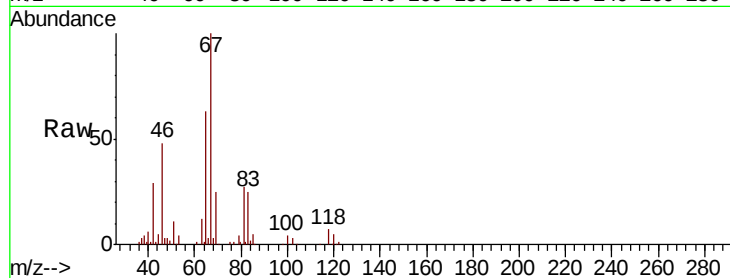




#35
Methvlcvclohexane
Concen: 0.878 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.06 min
Lab File: VU036249.D
Acq: 17 Dec 2019 11:09

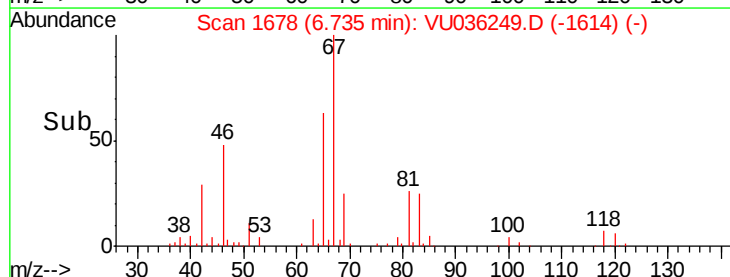
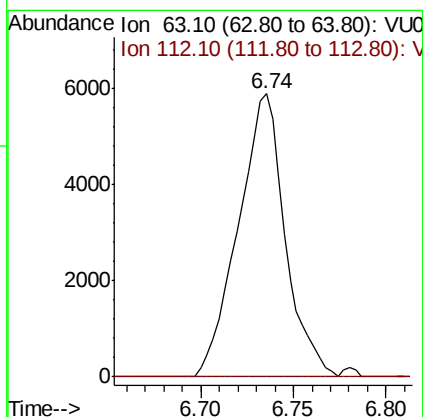
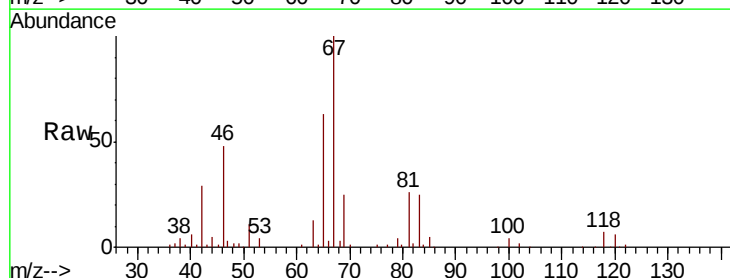
Instrument :
MSVOA_U
ClientSampleId :

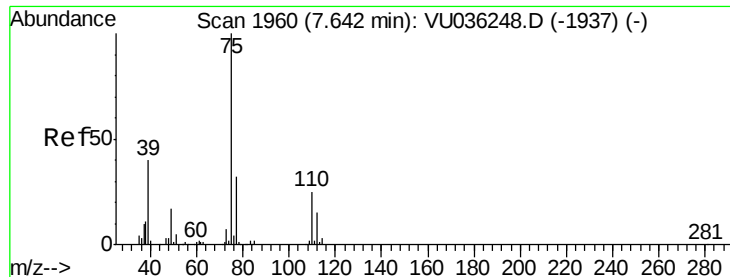
Tot Ion: 83 Resp: 23728
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.4 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU036249.D
Acq: 17 Dec 2019 11:09

Tgt Ion: 63 Resp: 10343
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.8#



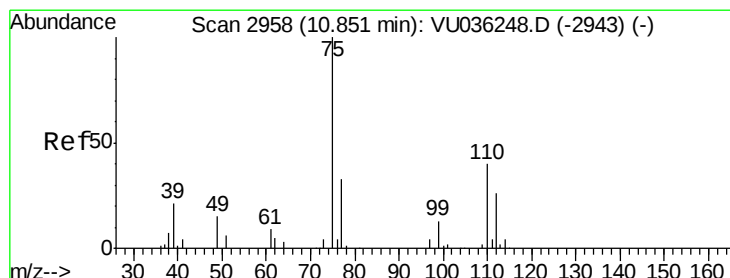
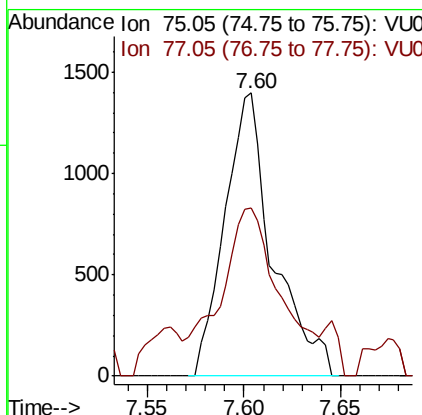
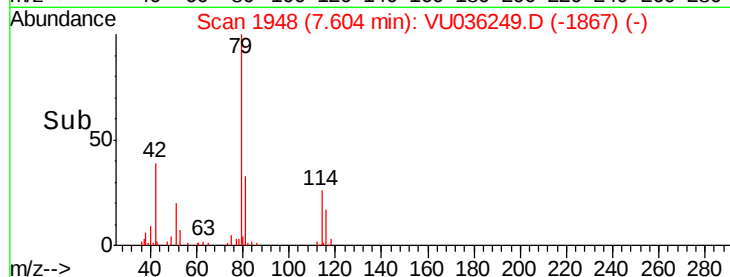
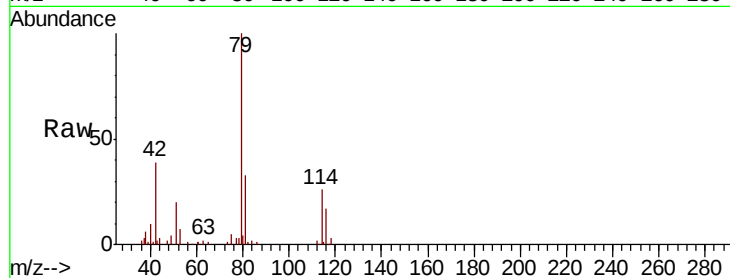


#39

cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU036249.D
Acq: 17 Dec 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 2408
Ion Ratio Lower Upper
75 100
77 59.3 22.7 42.1#



#59

1,2,3-Trichloropropane
Concen: 0.770 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036249.D
Acq: 17 Dec 2019 11:09

Tgt Ion: 75 Resp: 9623
Ion Ratio Lower Upper
75 100
77 36.9 27.2 40.8

