

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036204.D
 Acq On : 13 Dec 2019 18:26
 Operator : JC/MD
 Sample : K6132-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 14 01:22:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	245544	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278748	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	103024	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98571	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	94837	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	106038	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.68	46	225977	55.78	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.56%
24) Chloroform-d	5.11	84	166524	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.75	65	91418	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.77	84	308254	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.73	67	101024	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.93	98	251551	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.21	79	39457	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.68	63	174886	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	97543	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	96532	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

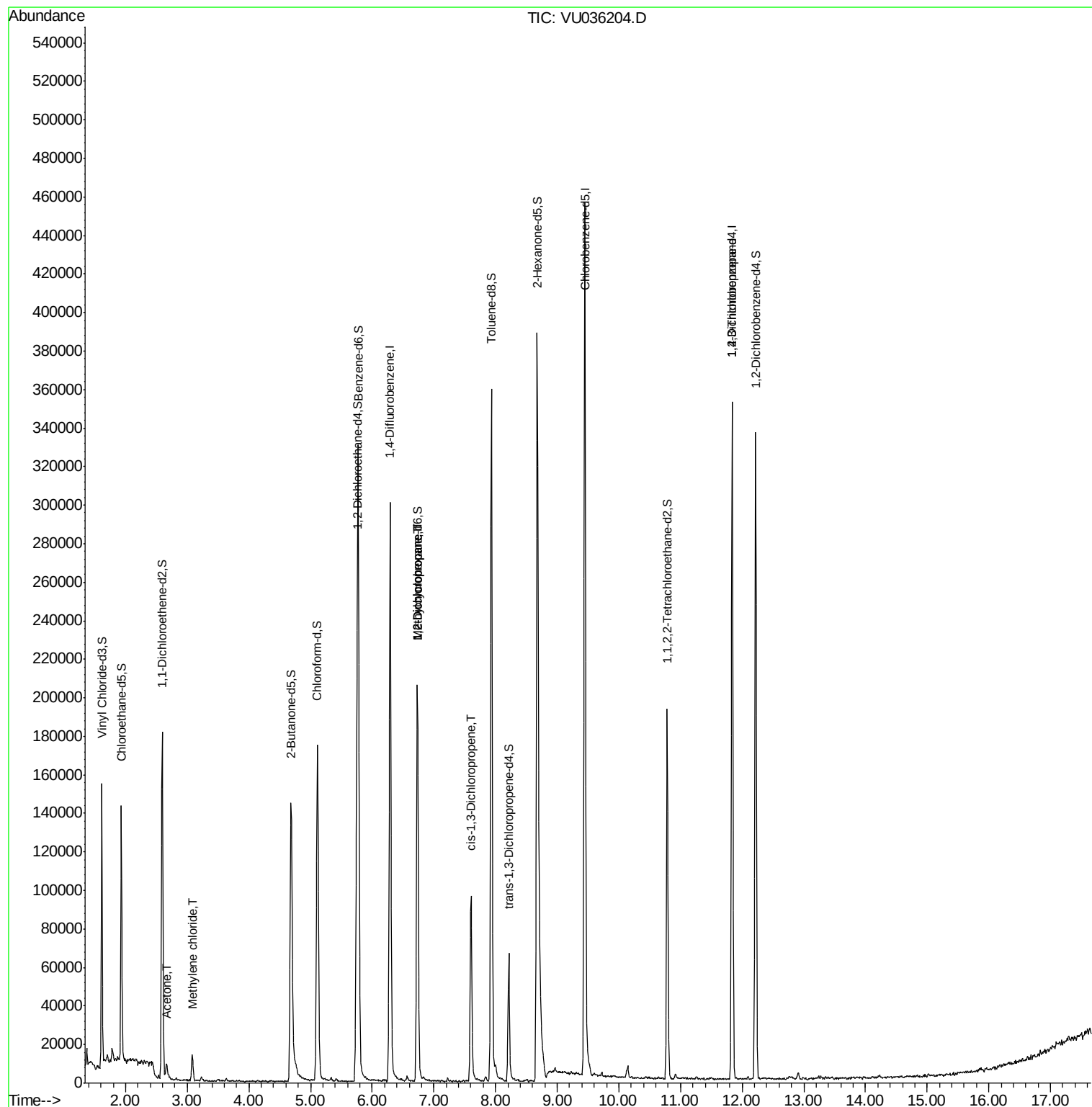
					Ovalue
13) Acetone	2.66	43	8655	2.452 ug/L	91
16) Methylene chloride	3.08	84	7071	0.264 ug/L	96
35) Methylcyclohexane	6.74	83	23287	0.742 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10663	0.488 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2711	0.091 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	10266	0.707 ug/L #	85

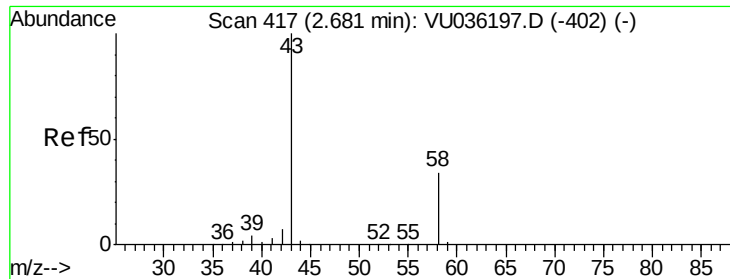
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 14 01:19:01 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.452 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036204.D

Acq: 13 Dec 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

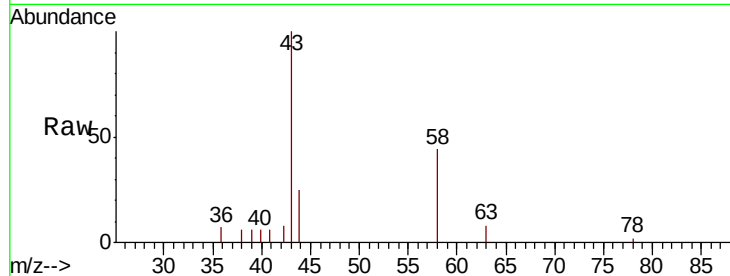
VHBLK01

Tot Ion: 43 Resp: 8655

Ion Ratio Lower Upper

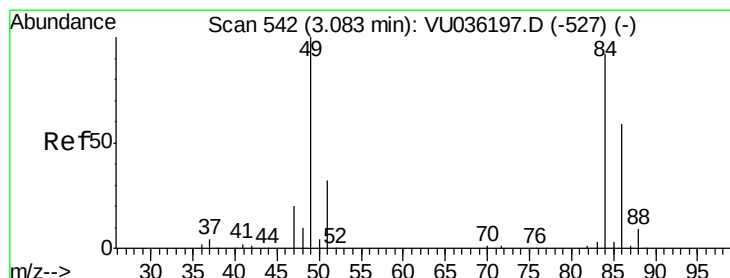
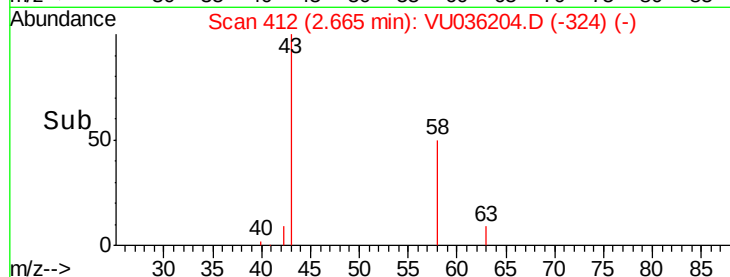
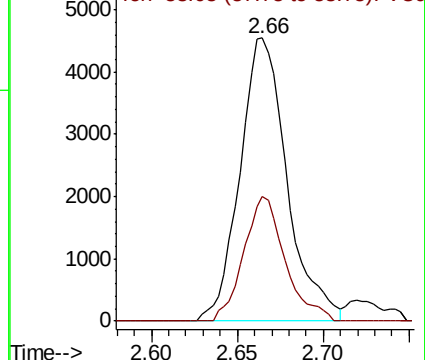
43 100

58 38.7 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036197.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036197.D (-402) (-)



#16

Methylene chloride

Concen: 0.264 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036204.D

Acq: 13 Dec 2019 18:26

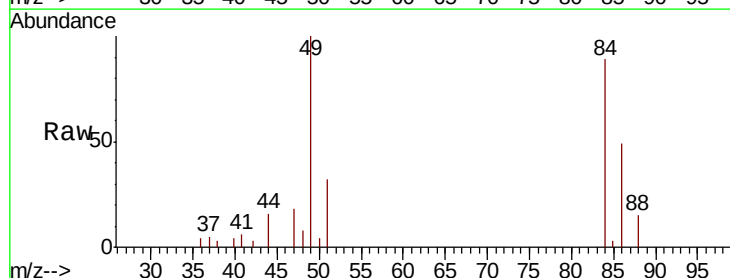
Tgt Ion: 84 Resp: 7071

Ion Ratio Lower Upper

84 100

86 55.5 43.0 79.8

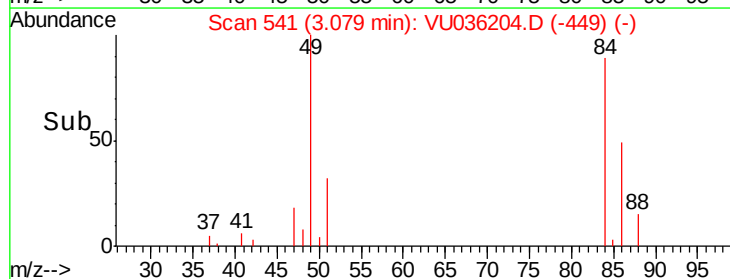
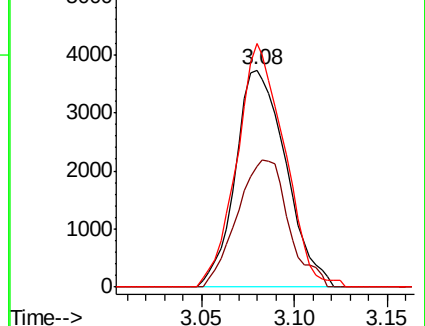
49 112.3 77.3 143.5

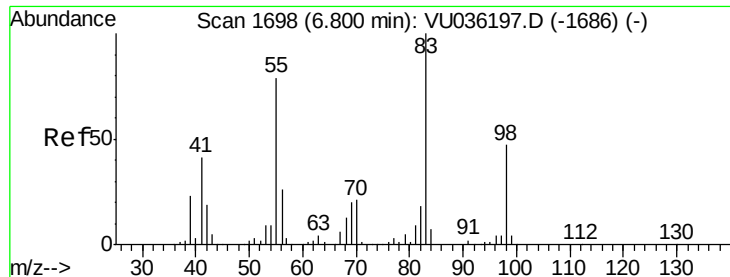


Abundance Ion 84.05 (83.75 to 84.75): VU036197.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036197.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036197.D (-527) (-)

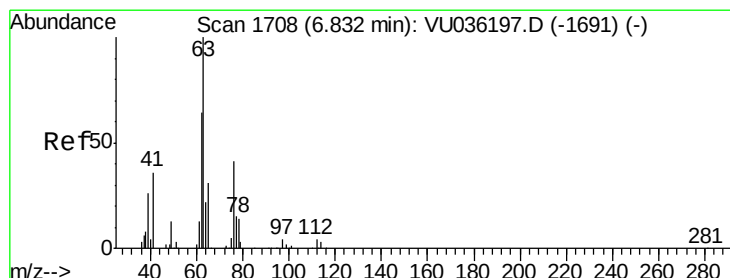
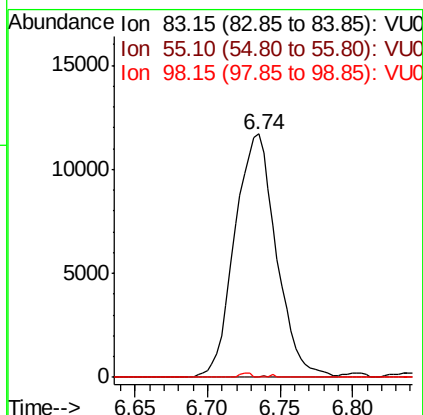
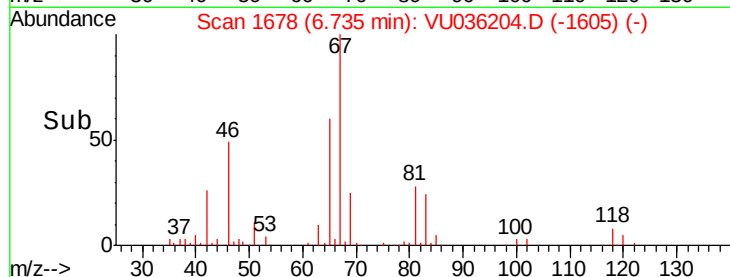
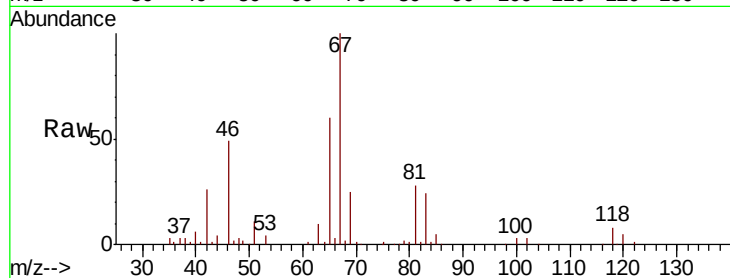




#35
Methylvlcyclohexane
Concen: 0.742 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU036204.D
Acq: 13 Dec 2019 18:26

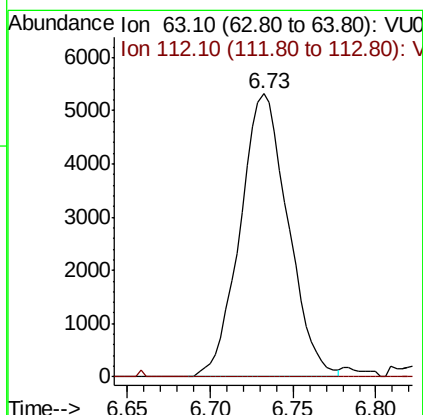
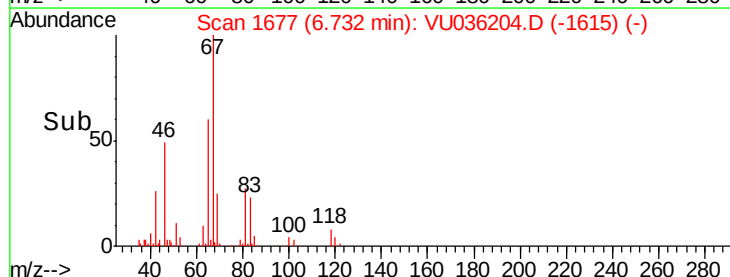
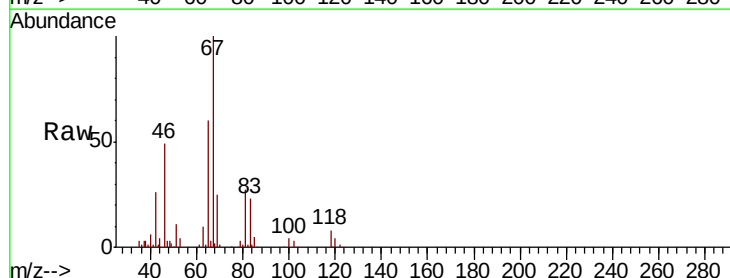
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

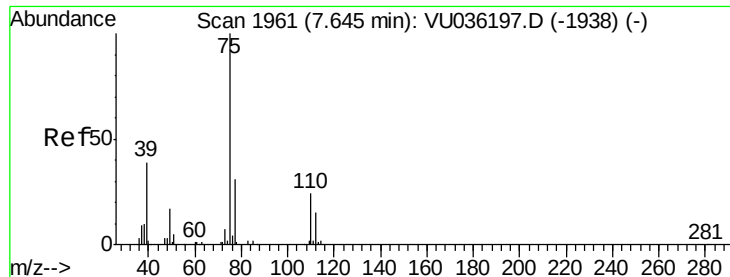
Tot Ion: 83 Resp: 23287
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 0.1 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036204.D
Acq: 13 Dec 2019 18:26

Tgt Ion: 63 Resp: 10663
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.05 min

Lab File: VU036204.D

Acq: 13 Dec 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

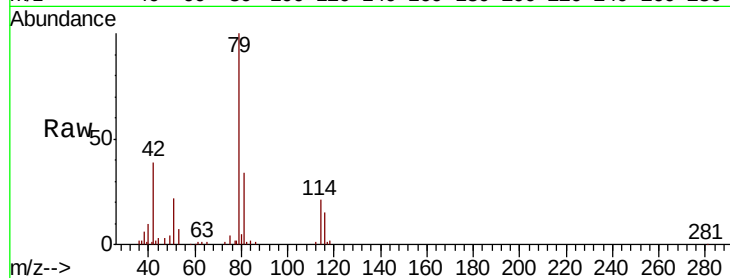
VHBLK01

Tot Ion: 75 Resp: 2711

Ion Ratio Lower Upper

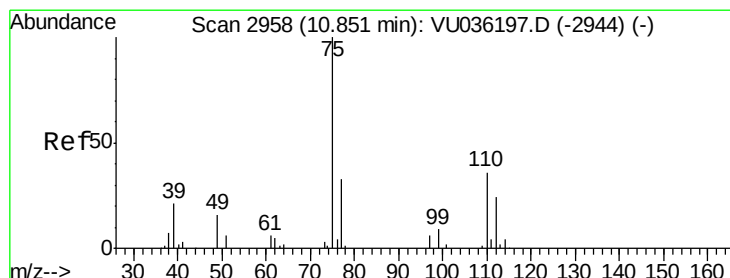
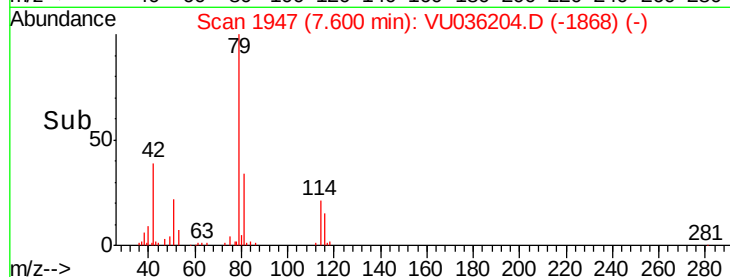
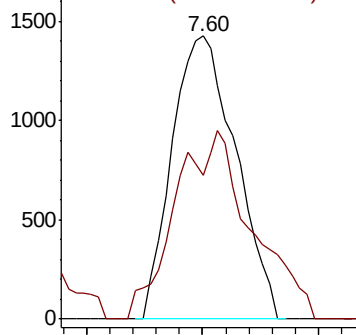
75 100

77 50.6 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.707 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036204.D

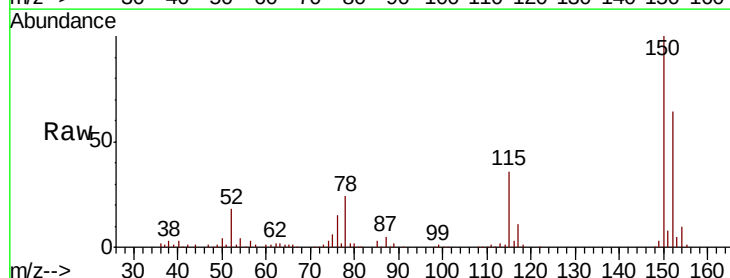
Acq: 13 Dec 2019 18:26

Tgt Ion: 75 Resp: 10266

Ion Ratio Lower Upper

75 100

77 42.6 27.2 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

