

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
 Data File : VU036611.D
 Acq On : 30 Jan 2020 12:03
 Operator : JC/MD
 Sample : L1303-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG0

Quant Time: Jan 30 13:00:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 12:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	302584	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	281462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99612	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.90%
7) Chloroethane-d5	1.93	69	88216	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.72%
11) 1,1-Dichloroethene-d2	2.59	63	129769	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.82%
21) 2-Butanone-d5	4.68	46	145908	108.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.46%
24) Chloroform-d	5.11	84	168117	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.75	65	109382	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
32) Benzene-d6	5.77	84	383692	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
36) 1,2-Dichloropropane-d6	6.73	67	122666	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.44%
41) Toluene-d8	7.93	98	368425	48.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.74%
43) trans-1,3-Dichloropropene-	8.21	79	57248	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
47) 2-Hexanone-d5	8.67	63	130565	114.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.12%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	176741	48.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	133989	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

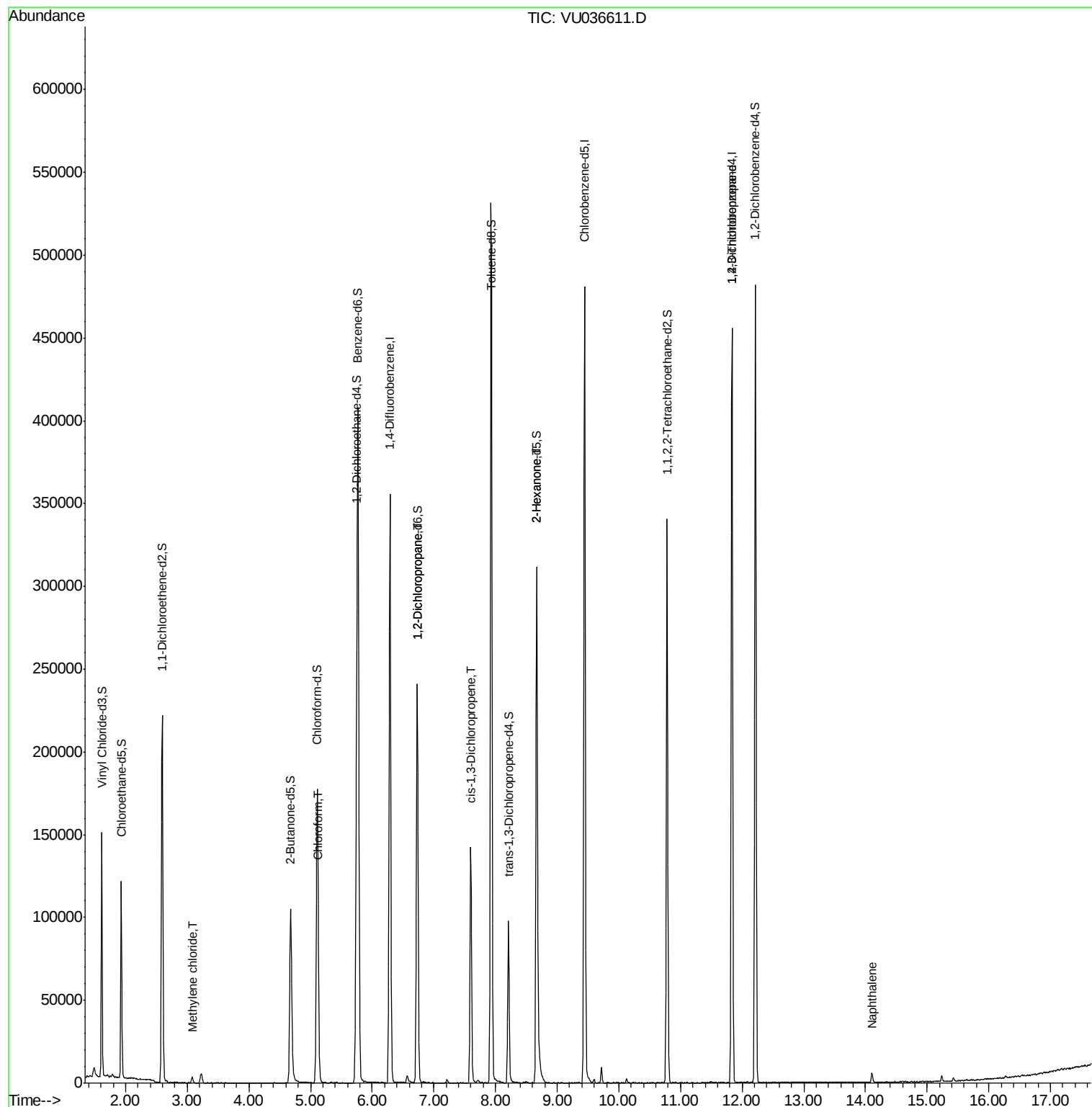
						Qvalue
16) Methylene chloride	3.08	84	1878	0.82	ug/L	98
25) Chloroform	5.13	83	6138	1.66	ug/L	93
37) 1,2-Dichloropropane	6.73	63	12084	5.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3210	0.93	ug/L #	58
48) 2-Hexanone	8.67	43	12529	6.07	ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	14454	5.00	ug/L	94
69) Naphthalene	14.10	128	5130	0.83	ug/L	96

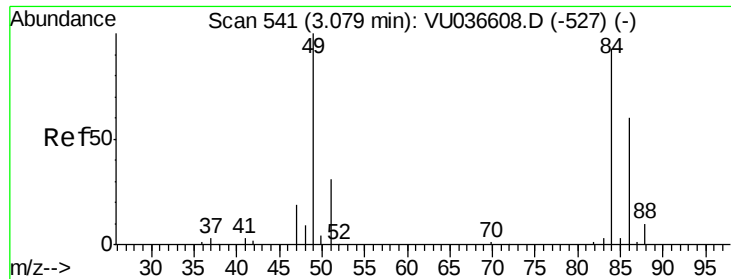
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 30 12:57:35 2020
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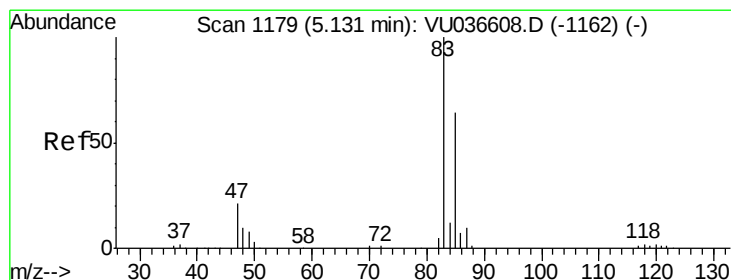
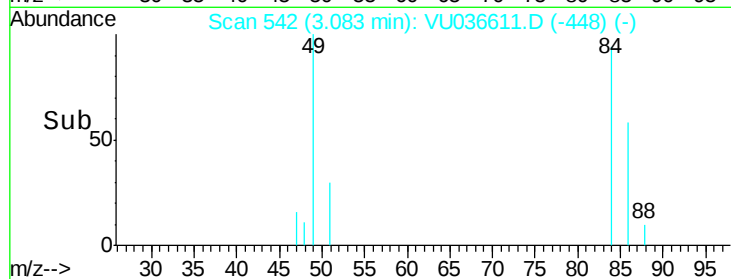
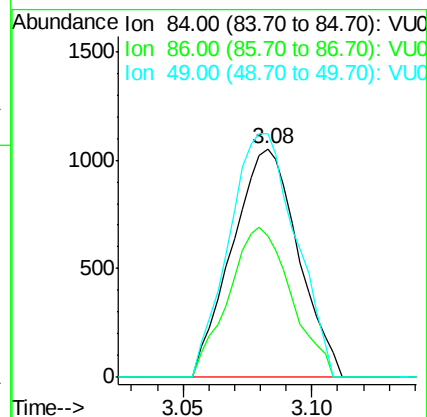
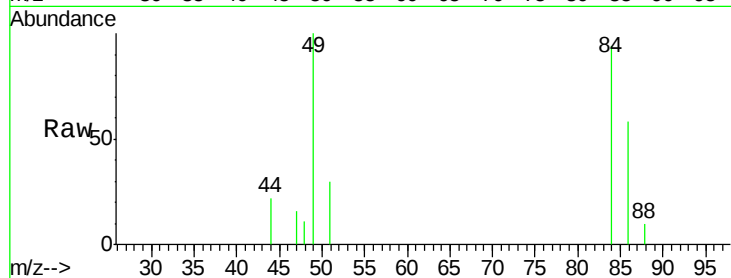




#16
Methylene chloride
Concen: 0.82 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036611.D
Acq: 30 Jan 2020 12:03

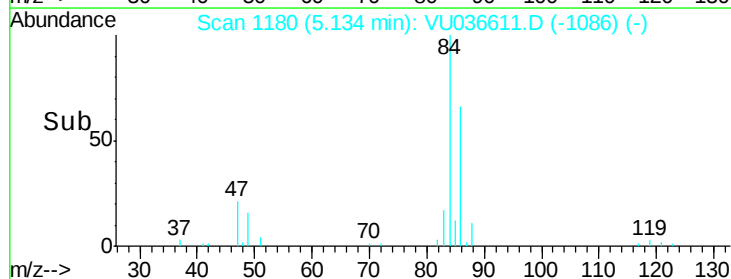
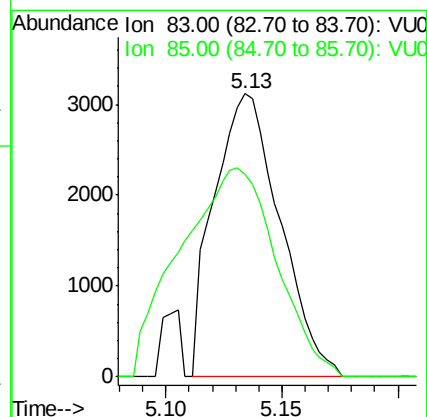
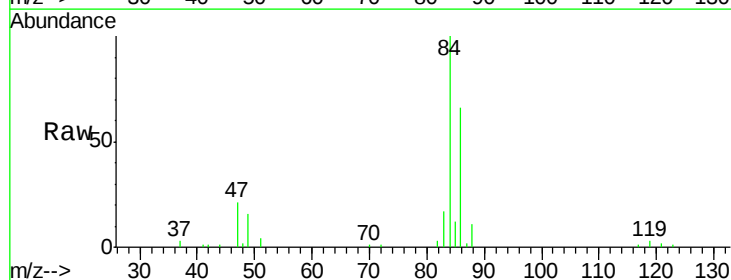
Instrument :
MSVOA_U
ClientSampleId :
C0AG0

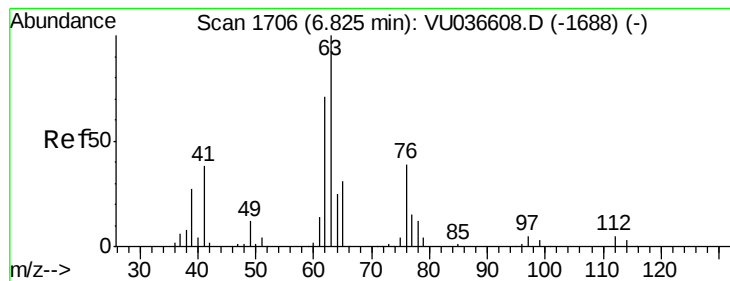
Tgt Ion: 84 Resp: 1878
Ion Ratio Lower Upper
84 100
86 62.0 44.1 81.9
49 106.6 73.3 136.1



#25
Chloroform
Concen: 1.66 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036611.D
Acq: 30 Jan 2020 12:03

Tgt Ion: 83 Resp: 6138
Ion Ratio Lower Upper
83 100
85 71.7 46.3 85.9





#37

1,2-Dichloropropane

Concen: 5.65 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036611.D

Acq: 30 Jan 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

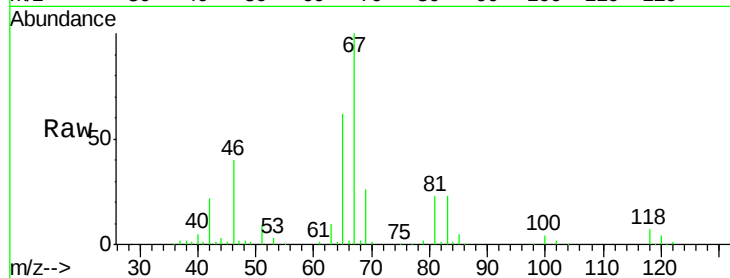
C0AG0

Tgt Ion: 63 Resp: 12084

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU036611.D (-1675) (-)

Ion 112.00 (111.70 to 112.70): VU036611.D (-1675) (-)

6.73

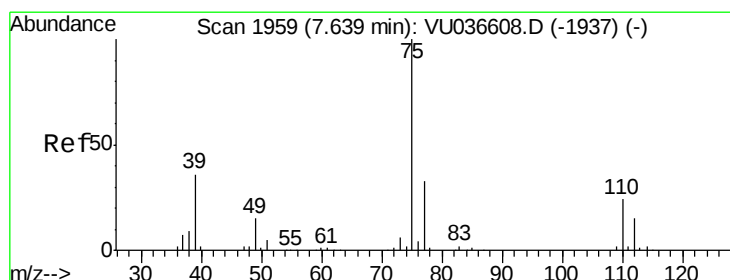
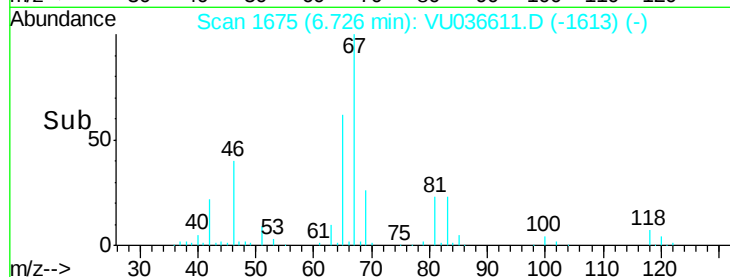
6000

4000

2000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.93 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036611.D

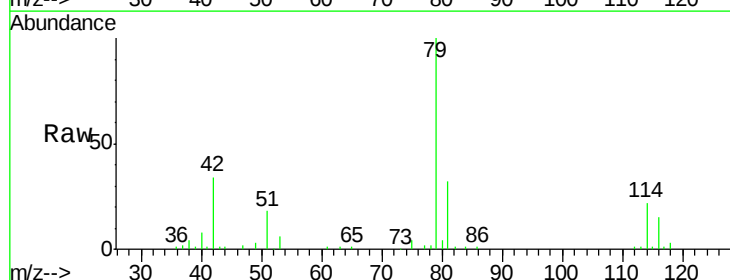
Acq: 30 Jan 2020 12:03

Tgt Ion: 75 Resp: 3210

Ion Ratio Lower Upper

75 100

77 55.7 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU036611.D (-1866) (-)

Ion 77.00 (76.70 to 77.70): VU036611.D (-1866) (-)

7.60

2000

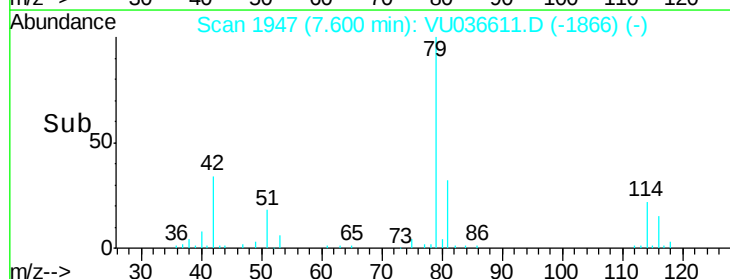
1500

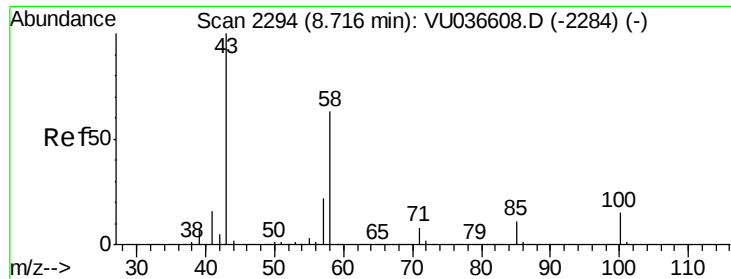
1000

500

0

Time-->





#48

2-Hexanone

Concen: 6.07 ug/L

RT: 8.67 min Scan# 2279

Delta R.T. -0.05 min

Lab File: VU036611.D

Acq: 30 Jan 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

C0AG0

Tgt Ion: 43 Resp: 12529

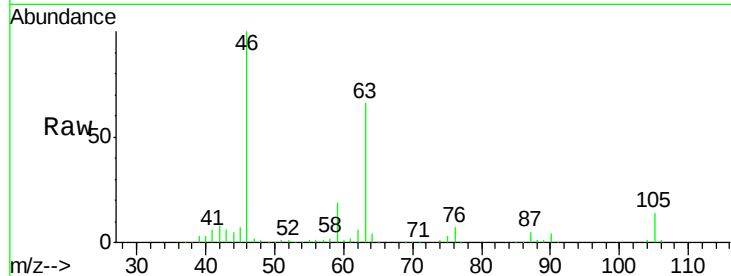
Ion Ratio Lower Upper

43 100

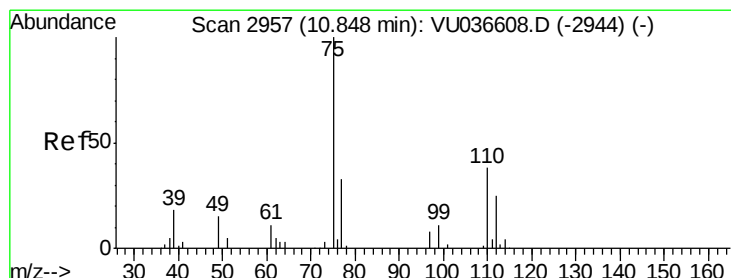
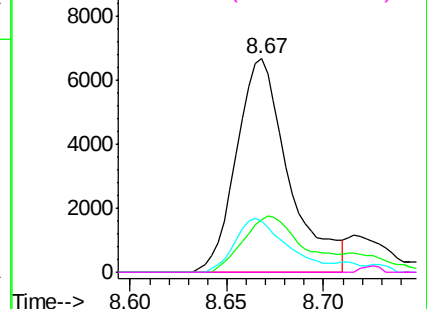
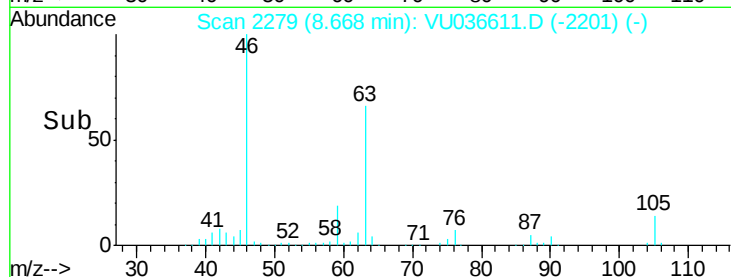
58 30.5 49.4 74.0#

57 25.0 17.1 25.7

100 0.0 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VU036611.D (-2201) (-)



#59

1,2,3-Trichloropropane

Concen: 5.00 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036611.D

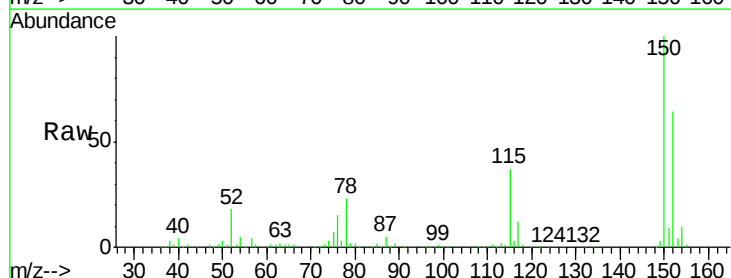
Acq: 30 Jan 2020 12:03

Tgt Ion: 75 Resp: 14454

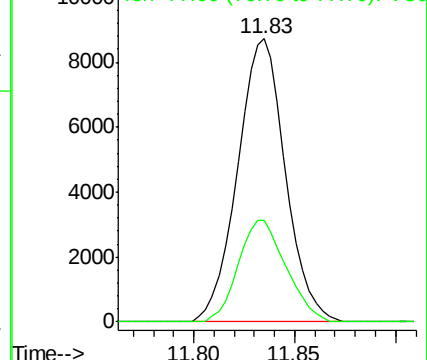
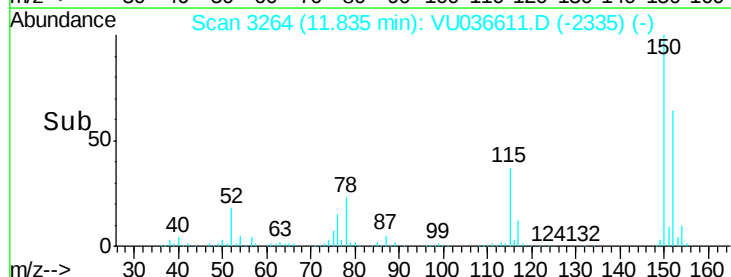
Ion Ratio Lower Upper

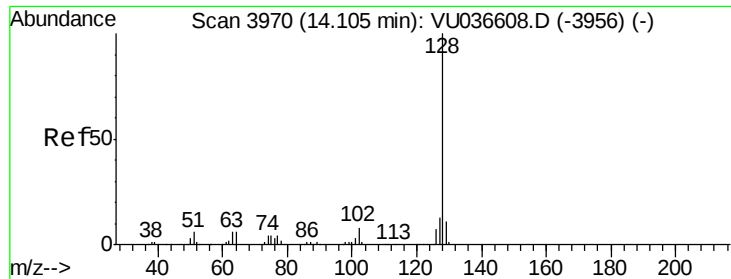
75 100

77 35.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036611.D (-2335) (-)





#69

Naphthalene

Concen: 0.83 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036611.D

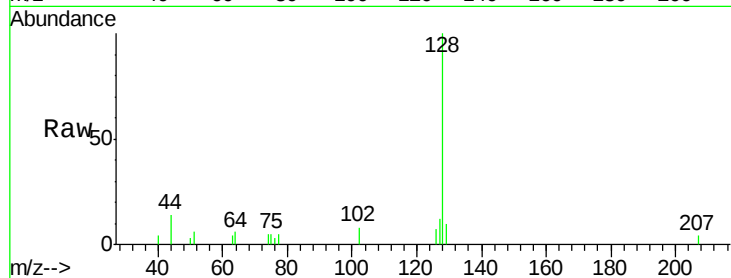
Acq: 30 Jan 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

C0AG0



Tgt Ion:128 Resp: 5130

Ion Ratio Lower Upper

128 100

127 11.4 10.6 15.8

129 9.5 8.6 12.8

