

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036486.D
 Acq On : 15 Jan 2020 22:59
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 06:52:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	538272	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	500455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	236932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	156065	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.44%
7) Chloroethane-d5	1.93	69	145992	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.66%
11) 1,1-Dichloroethene-d2	2.68	63	254	0.04	ug/L	0.08
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.68	46	298143	99.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.37%
24) Chloroform-d	5.11	84	320796	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.74	65	223749	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.77	84	649061	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
36) 1,2-Dichloropropane-d6	6.73	67	217682	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.28%
41) Toluene-d8	7.93	98	600393	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.21	79	109327	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.36%
47) 2-Hexanone-d5	8.67	63	230867	105.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	318705	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	12.21	152	233587	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%

Target Compounds

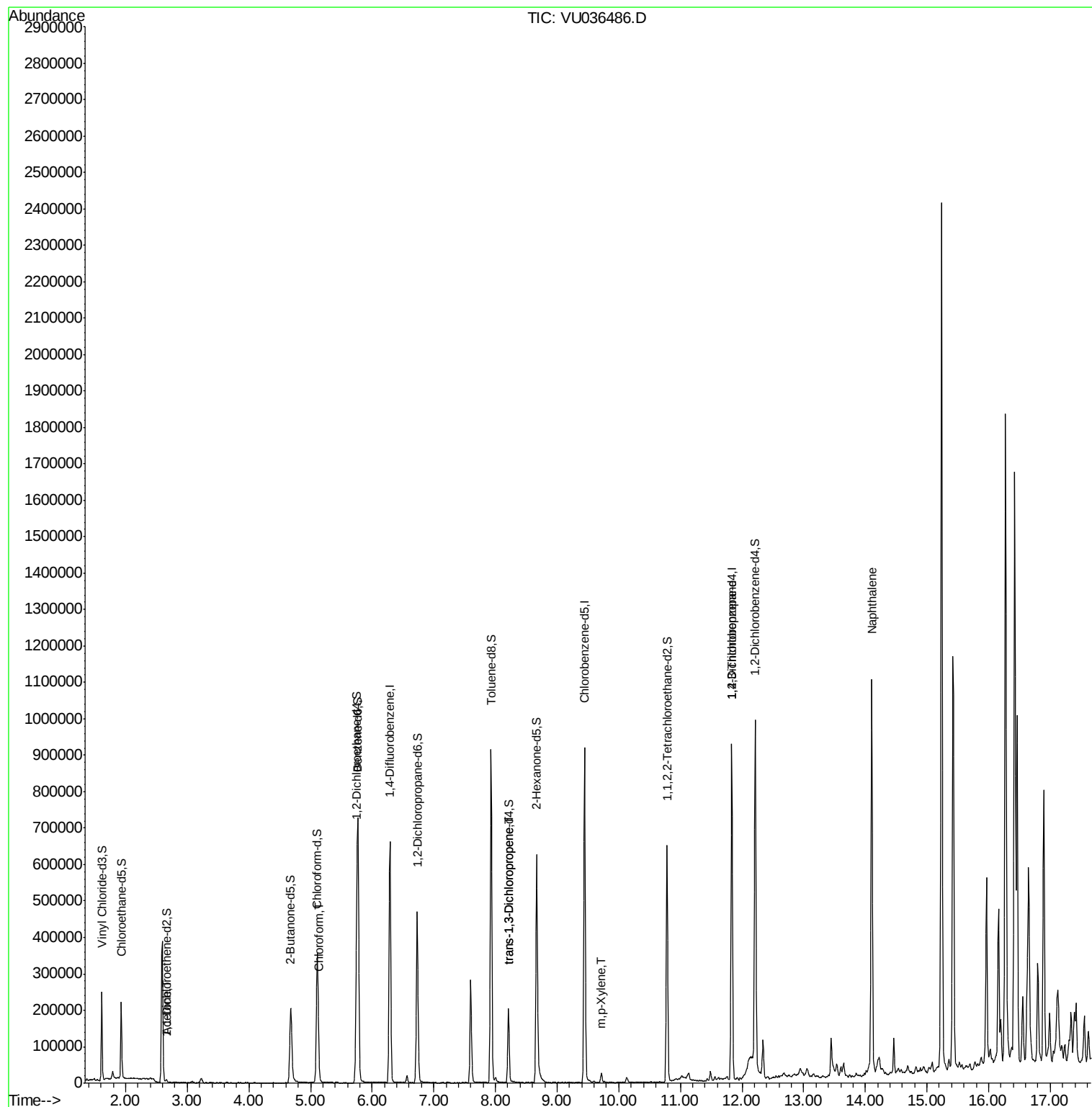
					Ovalue
13) Acetone	2.66	43	7172	2.209 ug/L	94
25) Chloroform	5.14	83	16852	2.400 ug/L	93
44) trans-1,3-Dichloropropene	8.21	75	6108	1.069 ug/L	88
53) m,p-Xylene	9.72	106	7665	1.175 ug/L	70
59) 1,2,3-Trichloropropane	11.83	75	31691	6.030 ug/L	90
69) Naphthalene	14.10	128	851176	75.764 ug/L	100

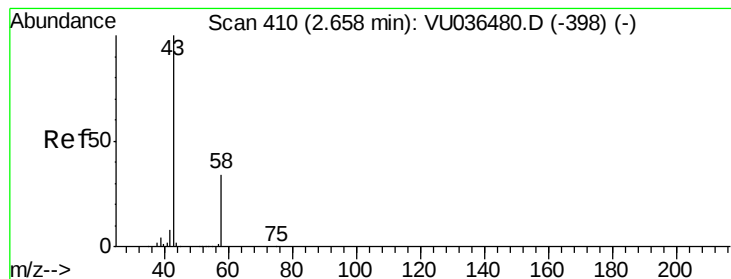
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 06:52:15 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.209 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036486.D

Acq: 15 Jan 2020 22:59

Instrument :

MSVOA_U

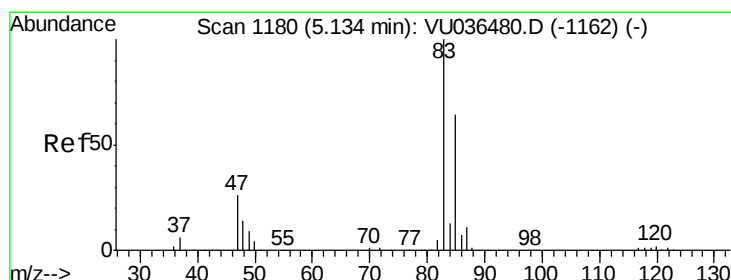
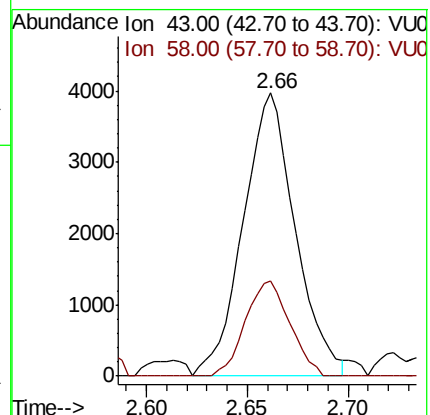
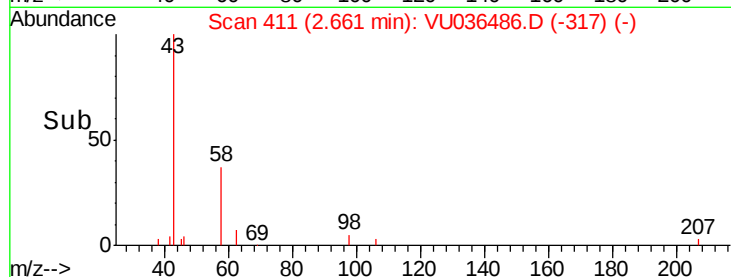
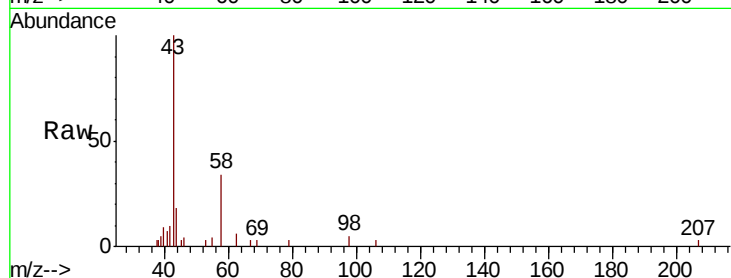
ClientSampleId :

Tot Ion: 43 Resp: 7172

Ion Ratio Lower Upper

43 100

58 28.9 0.0 65.0



#25

Chloroform

Concen: 2.400 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036486.D

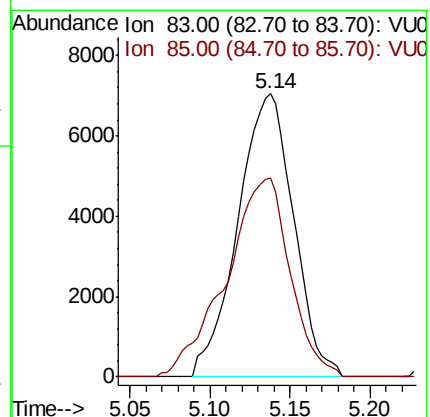
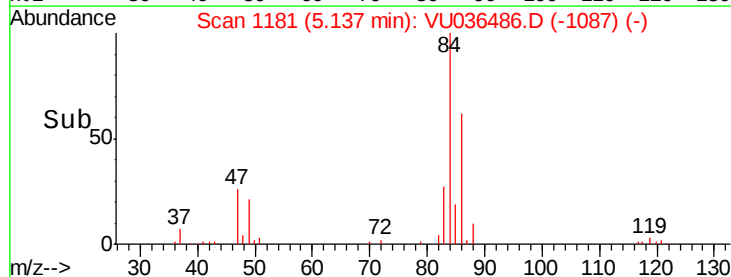
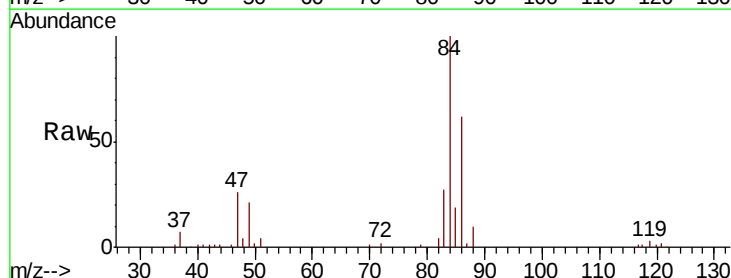
Acq: 15 Jan 2020 22:59

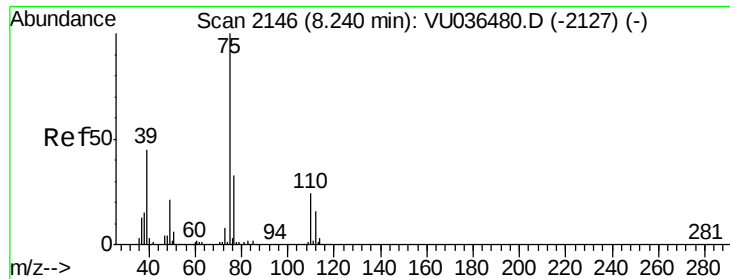
Tgt Ion: 83 Resp: 16852

Ion Ratio Lower Upper

83 100

85 70.3 45.1 83.9





#44

trans-1,3-Dichloropropene

Concen: 1.069 ug/L

RT: 8.21 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VU036486.D

Acq: 15 Jan 2020 22:59

Instrument :

MSVOA_U

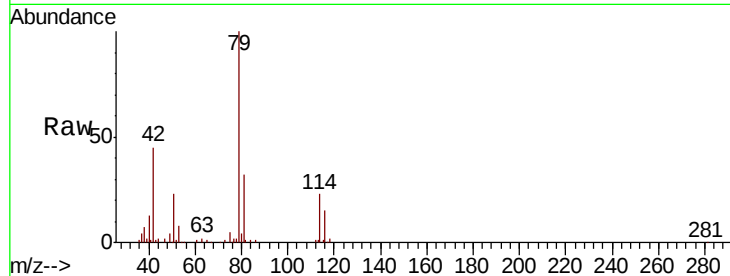
ClientSampled :

Tot Ion: 75 Resp: 6108

Ion Ratio Lower Upper

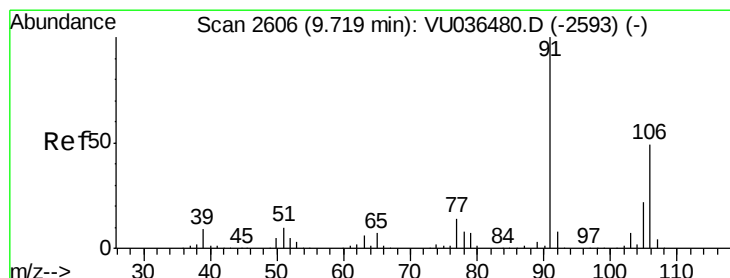
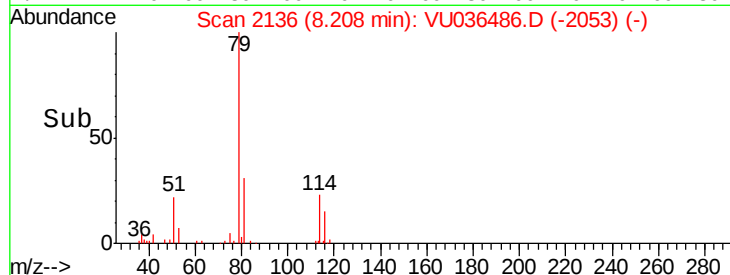
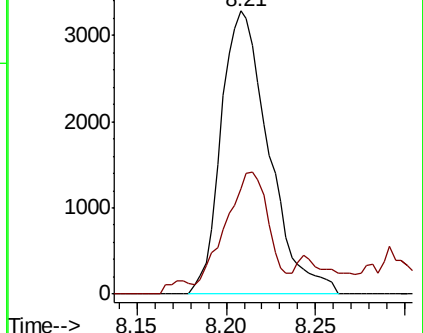
75 100

77 37.4 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU036486.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU036486.D (-2127) (-)



#53

m,p-Xylene

Concen: 1.175 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU036486.D

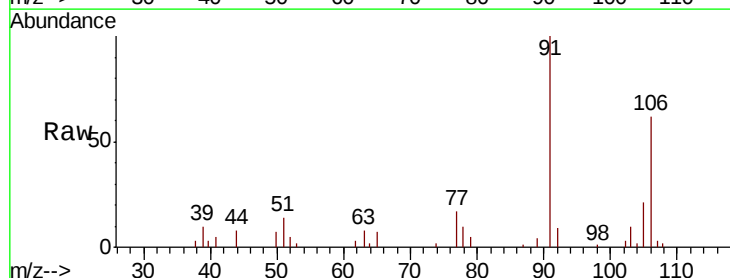
Acq: 15 Jan 2020 22:59

Tgt Ion: 106 Resp: 7665

Ion Ratio Lower Upper

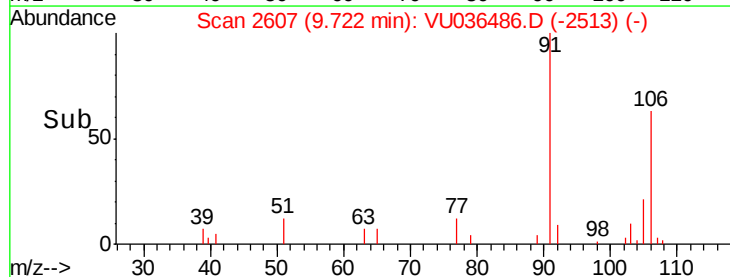
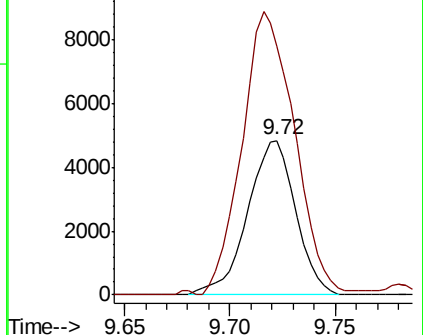
106 100

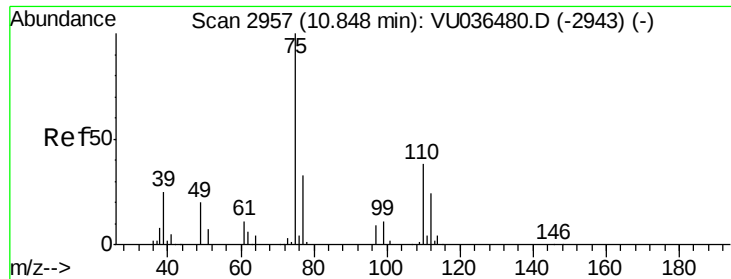
91 161.4 145.9 270.9



Abundance Ion 106.00 (105.70 to 106.70): VU036486.D (-2593) (-)

Ion 91.00 (90.70 to 91.70): VU036486.D (-2593) (-)





#59

1,2,3-Trichloropropane

Concen: 6.030 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.98 min

Lab File: VU036486.D

Acq: 15 Jan 2020 22:59

Instrument :

MSVOA_U

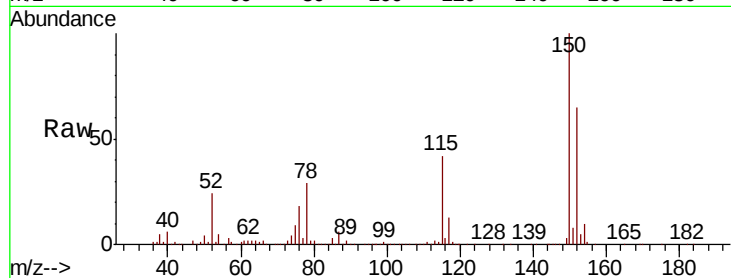
ClientSampleId :

Tot Ion: 75 Resp: 31691

Ion Ratio Lower Upper

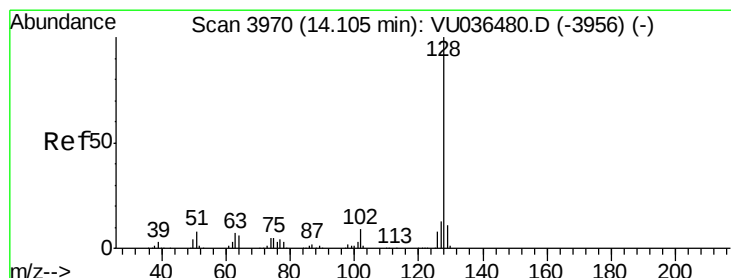
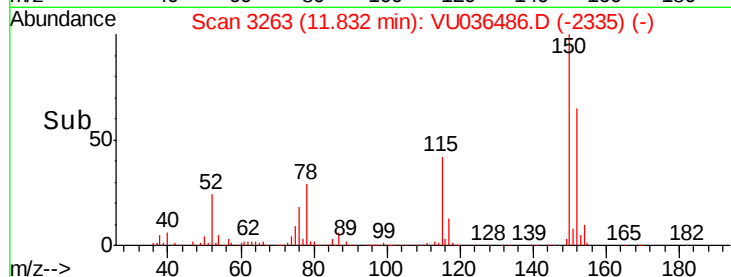
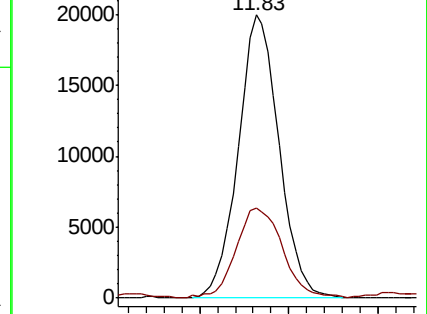
75 100

77 36.6 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU036480.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU036480.D (-2943) (-)



#69

Naphthalene

Concen: 75.764 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036486.D

Acq: 15 Jan 2020 22:59

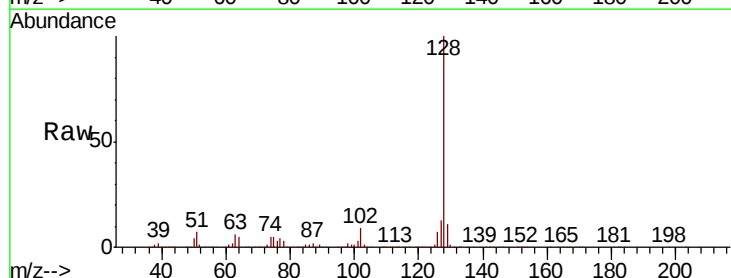
Tgt Ion: 128 Resp: 851176

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU036480.D (-3956) (-)

Ion 127.00 (126.70 to 127.70): VU036480.D (-3956) (-)

Ion 129.00 (128.70 to 129.70): VU036480.D (-3956) (-)

