

Data File : VU035315.D
Acq On : 19 Oct 2019 13:51
Operator : JC/SP
Sample : K5344-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L6

Quant Time: Oct 21 05:48:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	796458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	748752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	312388	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	313633	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.93	69	268632	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.44%
11) 1,1-Dichloroethene-d2	2.59	63	408285	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.22%
21) 2-Butanone-d5	4.70	46	422125	92.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.95%
24) Chloroform-d	5.11	84	499450	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.75	65	335090	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.77	84	1047190	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.74	67	332424	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.93	98	983956	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%
43) trans-1,3-Dichloropropene-	8.22	79	166615	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.68	63	309702	101.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	464348	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	12.22	152	331522	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%

Target Compounds

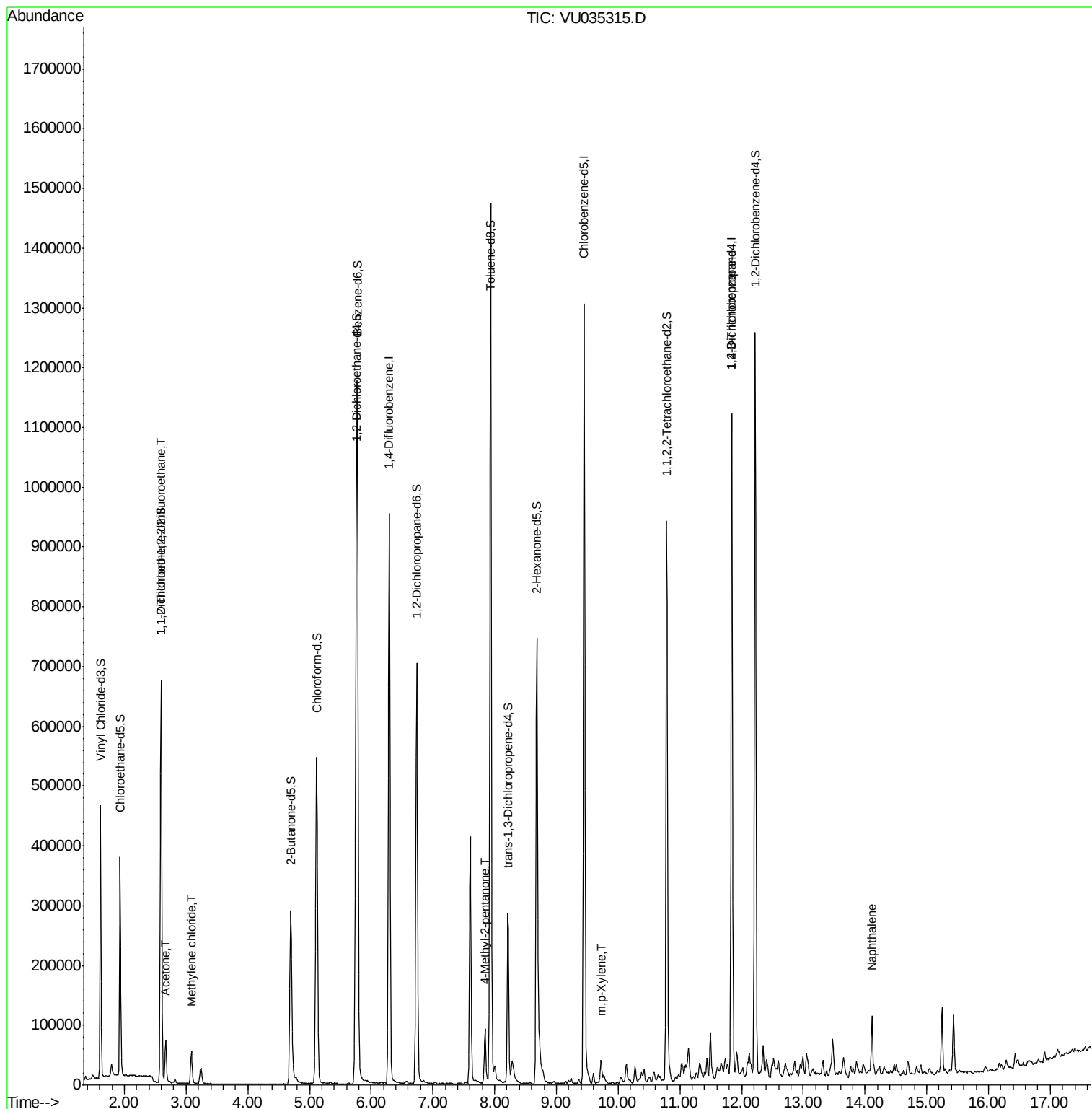
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3633	0.722 ug/L	# 21
13) Acetone	2.67	43	76071	18.787 ug/L	98
16) Methylene chloride	3.09	84	26574	4.589 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	62654	7.736 ug/L	100
53) m,p-Xylene	9.72	106	10659	1.120 ug/L	96
59) 1,2,3-Trichloropropane	11.84	75	36601	4.903 ug/L	92
69) Naphthalene	14.11	128	75877	7.363 ug/L	98

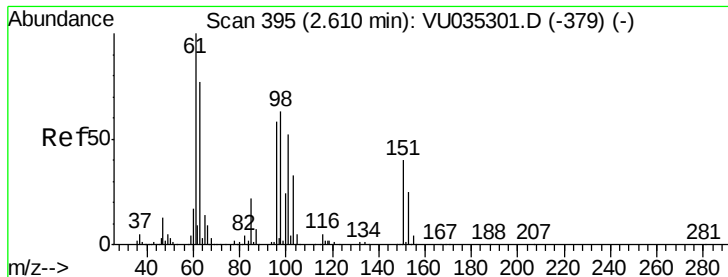
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035315.D
Acq On : 19 Oct 2019 13:51
Operator : JC/SP
Sample : K5344-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF6L6

Quant Time: Oct 21 05:48:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.722 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035315.D

Acq: 19 Oct 2019 13:51

Instrument :

MSVOA_U

ClientSampleId :

BF6L6

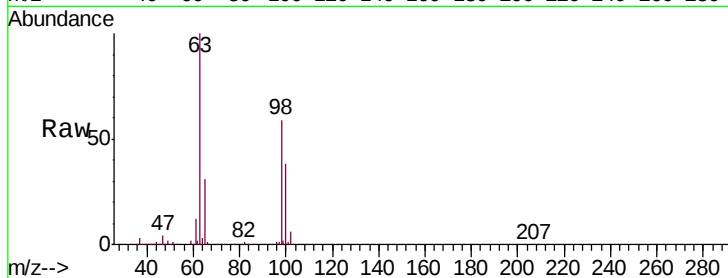
Tgt Ion: 101 Resp: 3633

Ion Ratio Lower Upper

101 100

85 1.9 33.7 50.5#

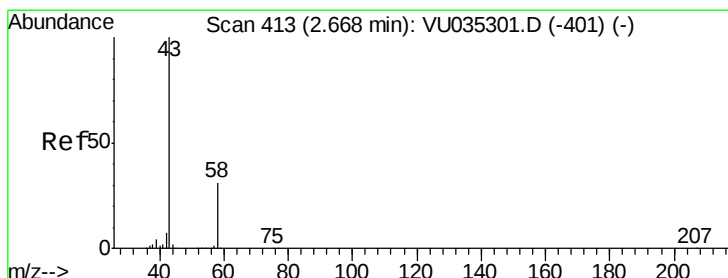
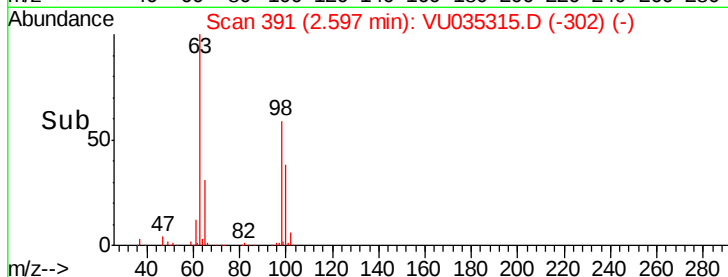
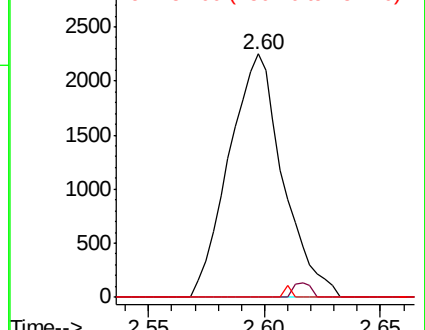
151 0.0 60.3 90.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 18.787 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035315.D

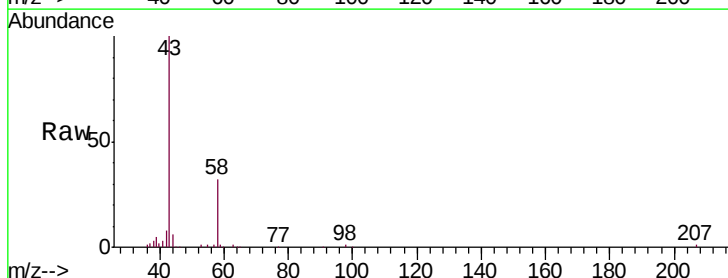
Acq: 19 Oct 2019 13:51

Tgt Ion: 43 Resp: 76071

Ion Ratio Lower Upper

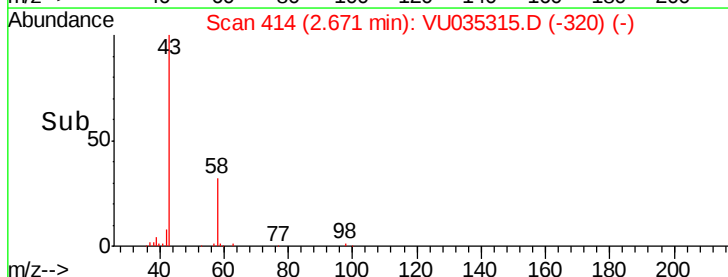
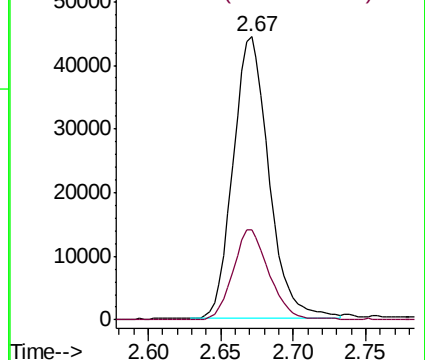
43 100

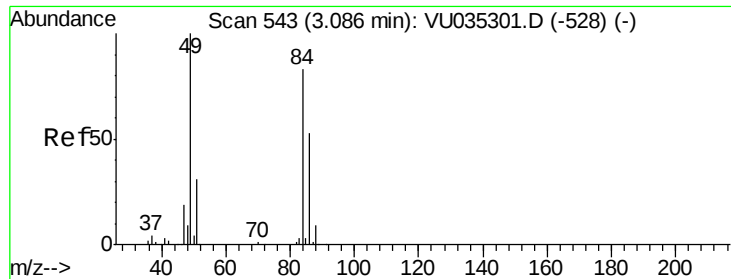
58 32.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

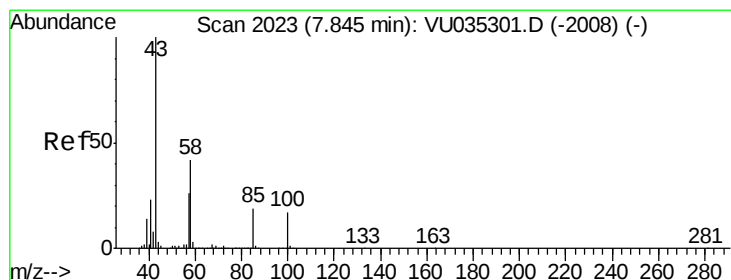
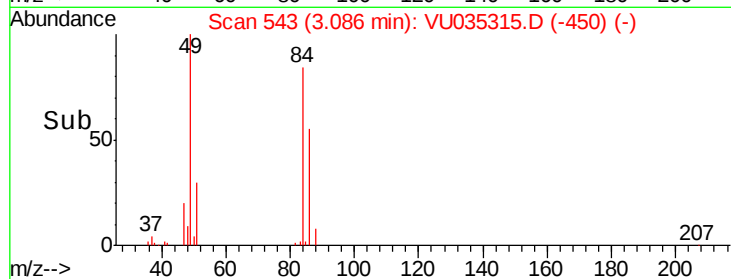
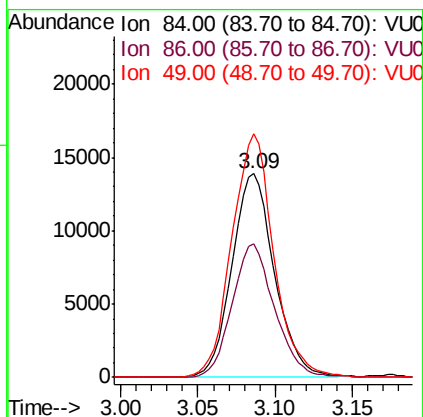
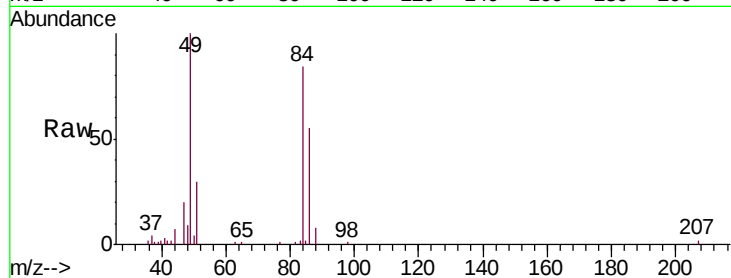




#16
Methylene chloride
Concen: 4.589 ug/L
RT: 3.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU035315.D
Acq: 19 Oct 2019 13:51

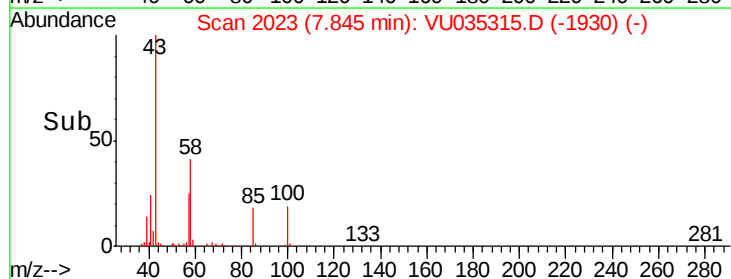
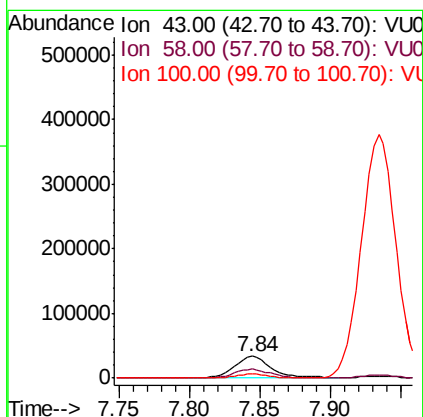
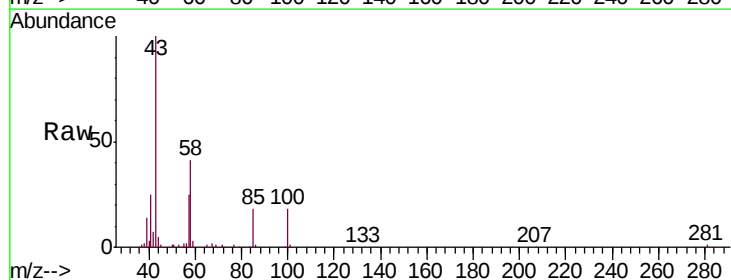
Instrument :
MSVOA_U
ClientSampleId :
BF6L6

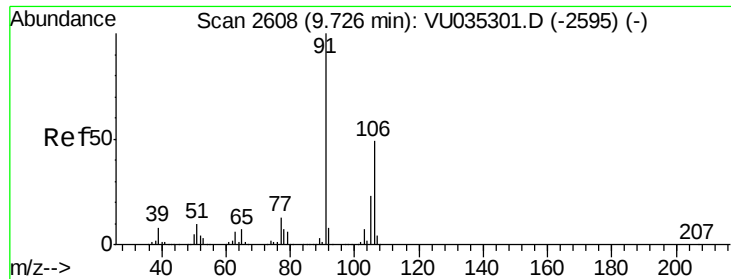
Tgt Ion: 84 Resp: 26574
Ion Ratio Lower Upper
84 100
86 65.3 44.4 82.5
49 119.7 84.0 156.0



#40
4-Methyl-2-pentanone
Concen: 7.736 ug/L
RT: 7.84 min Scan# 2023
Delta R.T. -0.00 min
Lab File: VU035315.D
Acq: 19 Oct 2019 13:51

Tgt Ion: 43 Resp: 62654
Ion Ratio Lower Upper
43 100
58 41.6 33.1 49.7
100 16.9 13.2 19.8





#53

m,p-Xylene

Concen: 1.120 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035315.D

Acq: 19 Oct 2019 13:51

Instrument :

MSVOA_U

ClientSampleId :

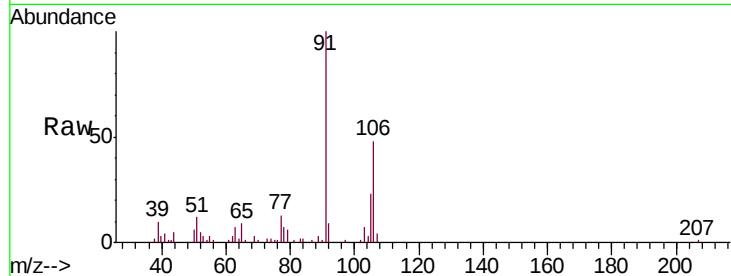
BF6L6

Tgt Ion: 106 Resp: 10659

Ion Ratio Lower Upper

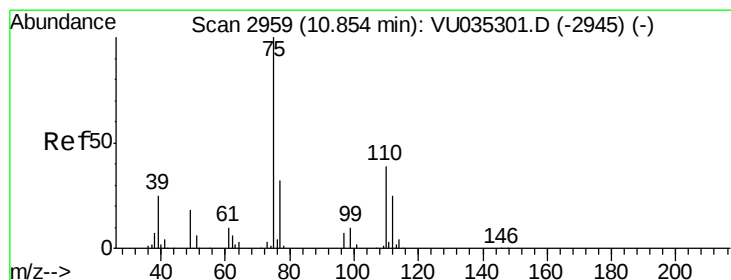
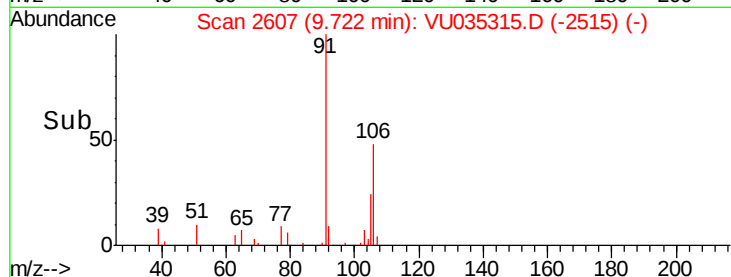
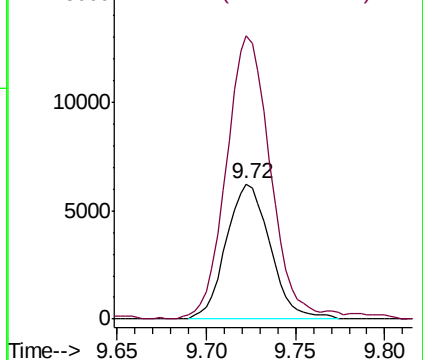
106 100

91 208.9 141.5 262.9



Abundance Ion 106.00 (105.70 to 106.70): VU035315.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VU035315.D (-2515) (-)



#59

1,2,3-Trichloropropane

Concen: 4.903 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035315.D

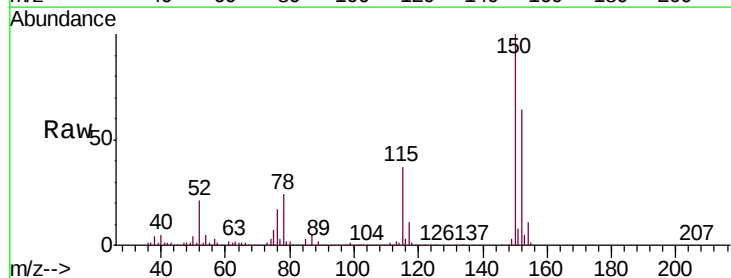
Acq: 19 Oct 2019 13:51

Tgt Ion: 75 Resp: 36601

Ion Ratio Lower Upper

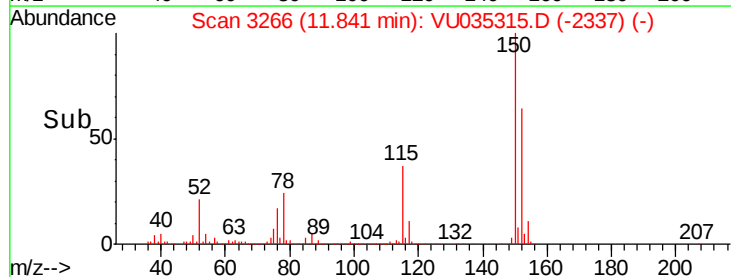
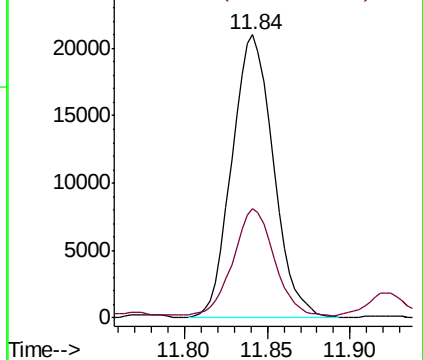
75 100

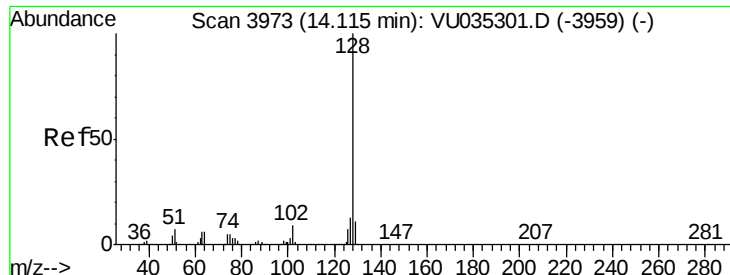
77 37.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU035315.D (-2337) (-)

Ion 77.00 (76.70 to 77.70): VU035315.D (-2337) (-)





#69

Naphthalene

Concen: 7.363 ug/L

RT: 14.11 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VU035315.D

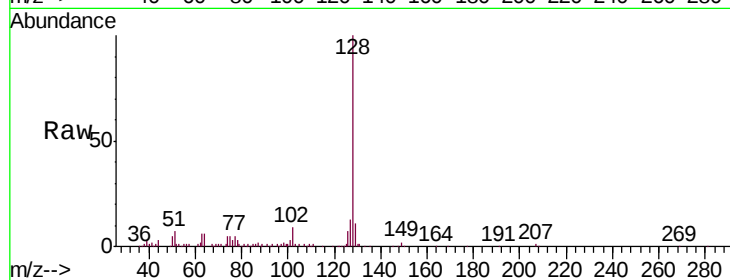
Acq: 19 Oct 2019 13:51

Instrument :

MSVOA_U

ClientSampleId :

BF6L6



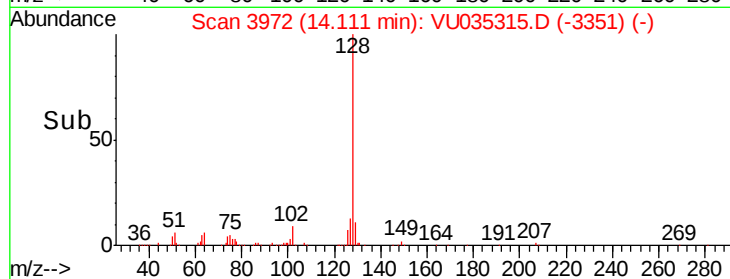
Tgt Ion:128 Resp: 75877

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

