

Data File : VU036597.D
Acq On : 29 Jan 2020 16:58
Operator : JC/MD
Sample : VIBLK22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK22

Quant Time: Jan 30 02:52:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	277029	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120842	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80302	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.40%
7) Chloroethane-d5	1.93	69	77551	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.12%
11) 1,1-Dichloroethene-d2	2.59	63	107997	32.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.38%
21) 2-Butanone-d5	4.68	46	147261	119.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.57%
24) Chloroform-d	5.11	84	156097	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	5.75	65	105609	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
32) Benzene-d6	5.77	84	352895	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	115121	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.58%
41) Toluene-d8	7.93	98	326122	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%
43) trans-1,3-Dichloropropene-	8.21	79	53743	50.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.70%
47) 2-Hexanone-d5	8.67	63	128906	123.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.85%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	169918	51.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.98%
64) 1,2-Dichlorobenzene-d4	12.21	152	127201	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%

Target Compounds

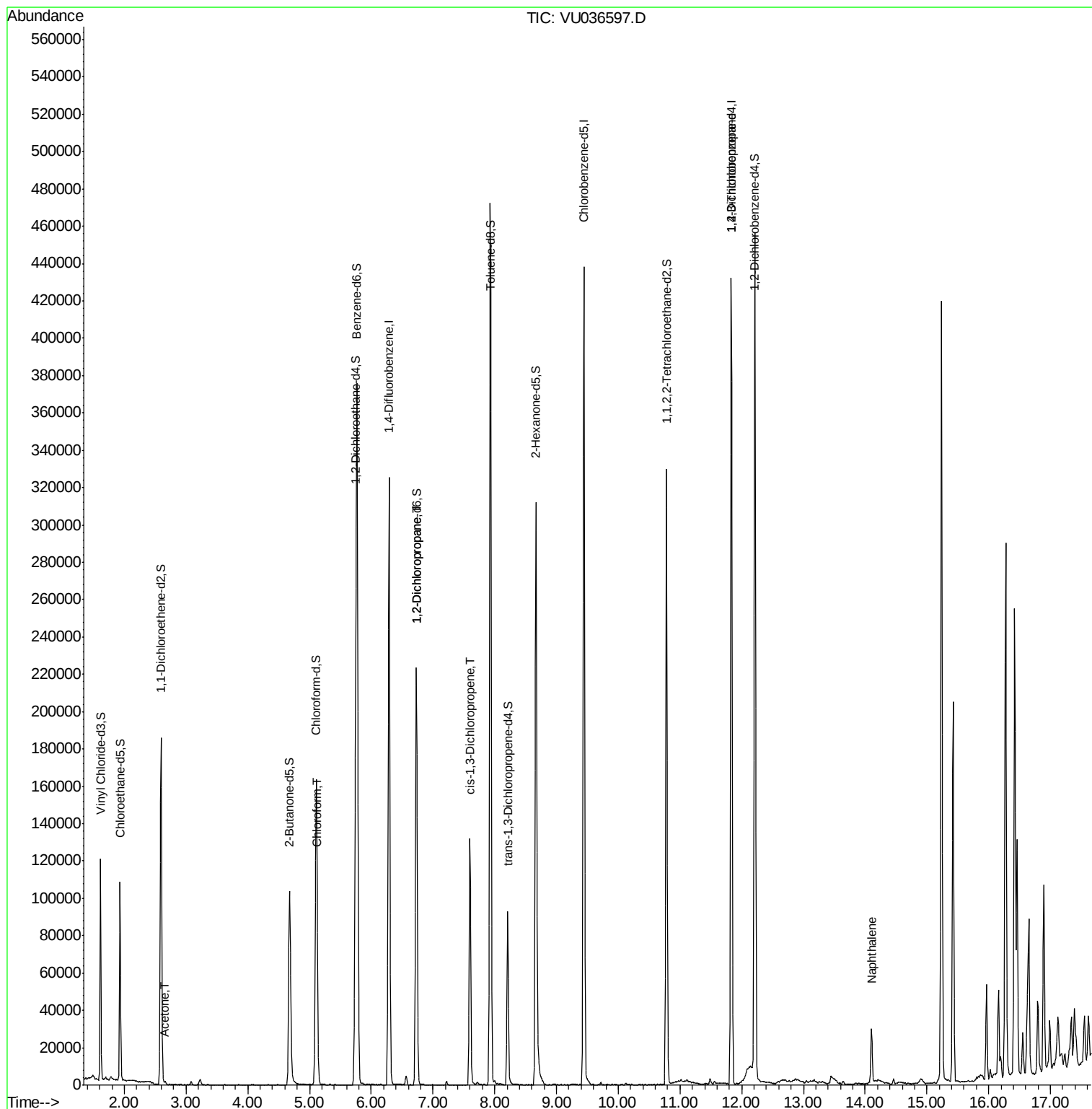
					Qvalue
13) Acetone	2.66	43	2072	1.738 ug/L	89
25) Chloroform	5.13	83	3119	0.922 ug/L	88
37) 1,2-Dichloropropane	6.73	63	11412	5.865 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2971	0.948 ug/L #	64
59) 1,2,3-Trichloropropane	11.83	75	13311	5.061 ug/L	93
69) Naphthalene	14.10	128	24951	4.296 ug/L	98

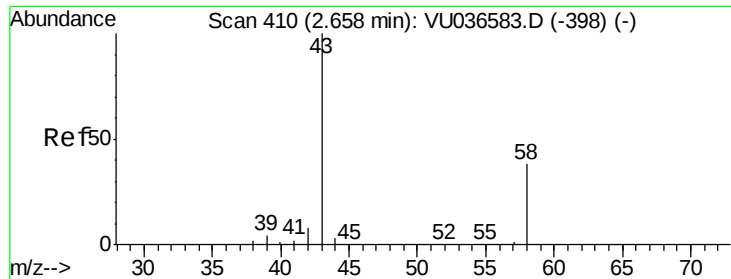
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.738 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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Acq: 29 Jan 2020 16:58

Instrument :

MSVOA_U

ClientSampleId :

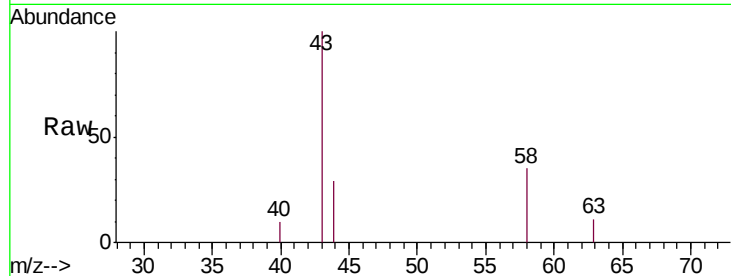
VIBLK22

Tgt Ion: 43 Resp: 2072

Ion Ratio Lower Upper

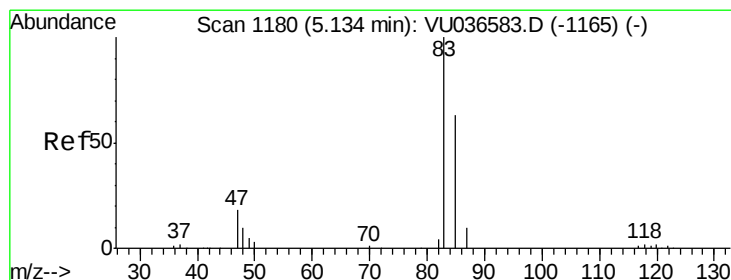
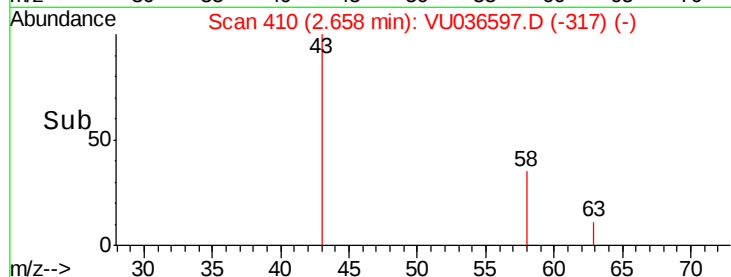
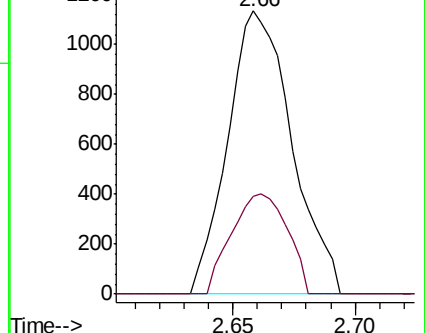
43 100

58 31.0 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036583.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU036583.D (-398) (-)



#25

Chloroform

Concen: 0.922 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036597.D

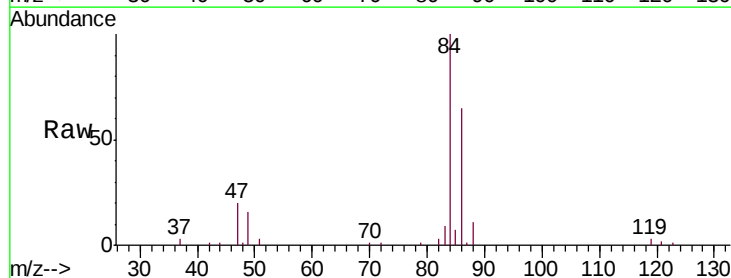
Acq: 29 Jan 2020 16:58

Tgt Ion: 83 Resp: 3119

Ion Ratio Lower Upper

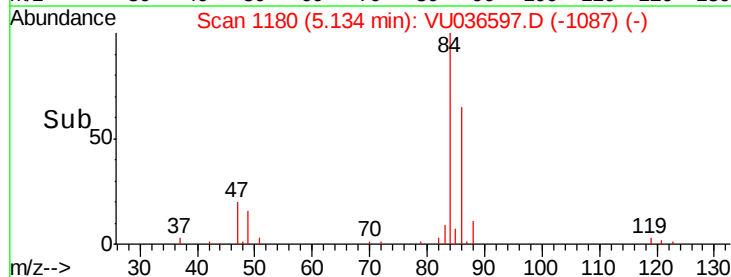
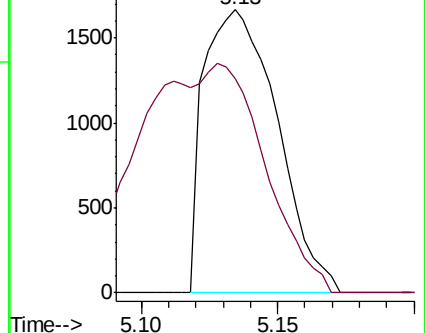
83 100

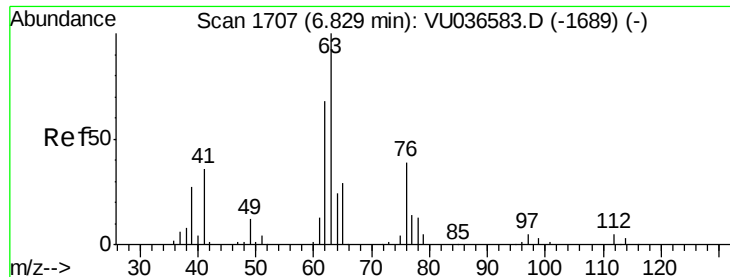
85 75.9 46.3 85.9



Abundance Ion 83.00 (82.70 to 83.70): VU036583.D (-1165) (-)

Ion 85.00 (84.70 to 85.70): VU036583.D (-1165) (-)

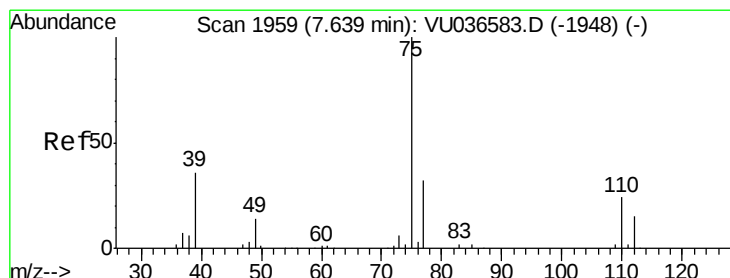
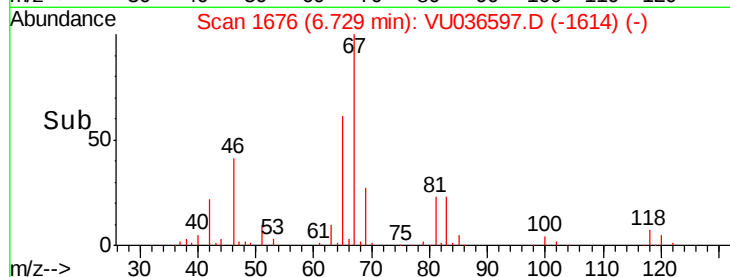
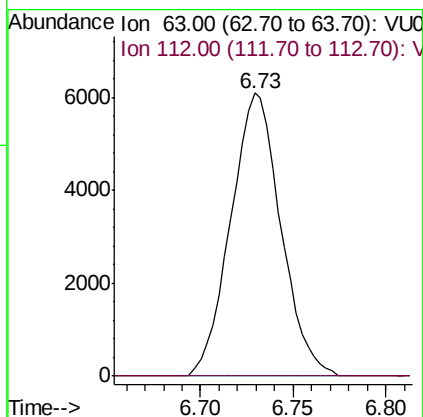
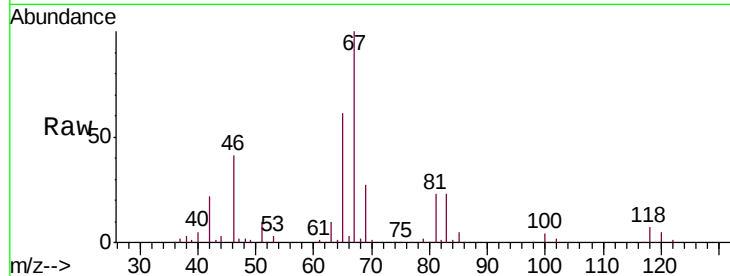




#37
 1,2-Dichloropropane
 Concen: 5.865 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036597.D
 Acq: 29 Jan 2020 16:58

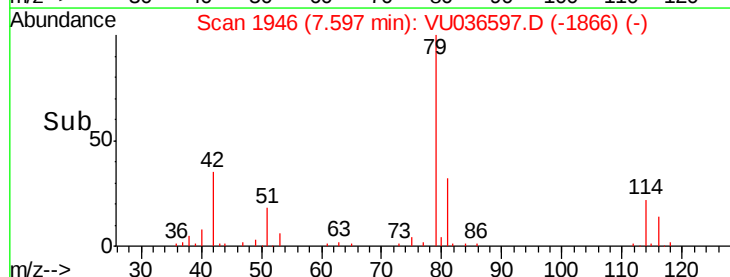
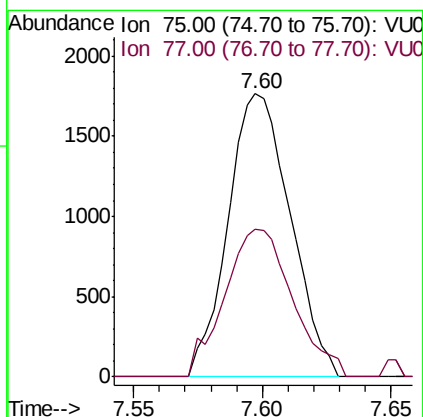
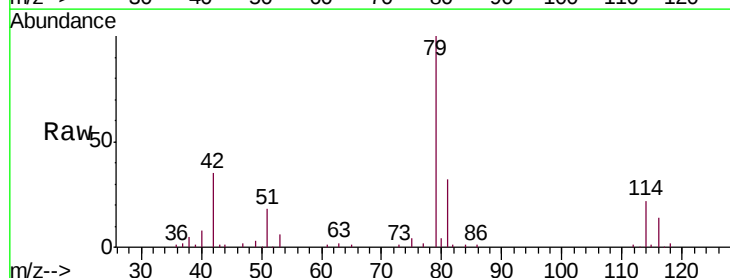
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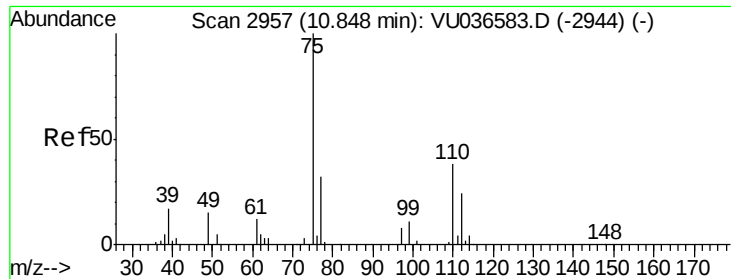
Tgt Ion: 63 Resp: 11412
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.948 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036597.D
 Acq: 29 Jan 2020 16:58

Tgt Ion: 75 Resp: 2971
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.5 41.9#

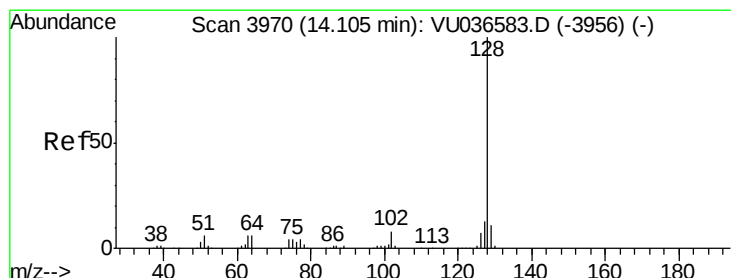
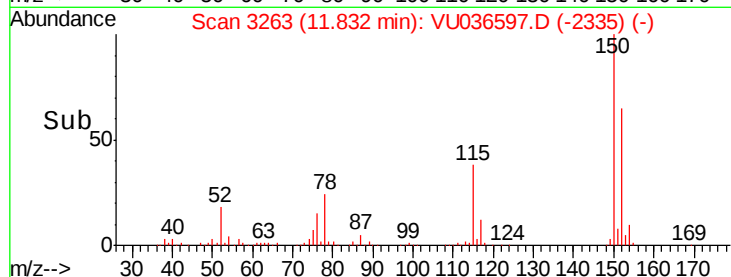
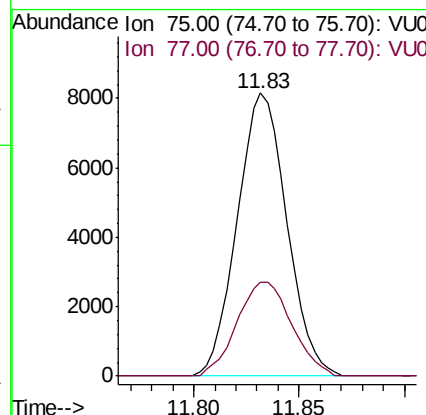
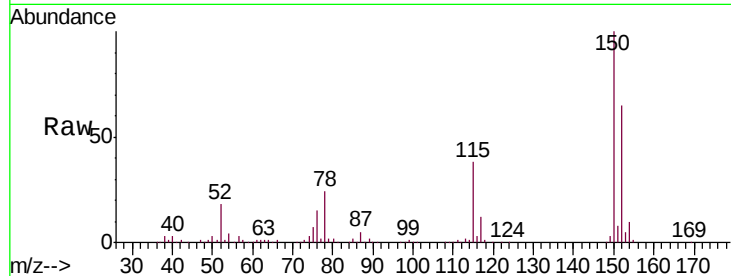




#59
 1,2,3-Trichloropropane
 Concen: 5.061 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036597.D
 Acq: 29 Jan 2020 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK22

Tgt Ion: 75 Resp: 13311
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.2 39.2



#69
 Naphthalene
 Concen: 4.296 ug/L
 RT: 14.10 min Scan# 3969
 Delta R.T. -0.00 min
 Lab File: VU036597.D
 Acq: 29 Jan 2020 16:58

Tgt Ion: 128 Resp: 24951
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.6 15.8
 129 11.4 8.6 12.8

