

Data File : VU036590.D
Acq On : 29 Jan 2020 13:53
Operator : JC/MD
Sample : VIBLK20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK20

Quant Time: Jan 30 02:51:23 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	261330	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	113437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74145	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.76%
7) Chloroethane-d5	1.93	69	69799	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.12%
11) 1,1-Dichloroethene-d2	2.59	63	96771	30.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.16%
21) 2-Butanone-d5	4.67	46	146483	126.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.08%
24) Chloroform-d	5.11	84	151276	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.74	65	105033	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
32) Benzene-d6	5.77	84	338282	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.73	67	110726	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.93	98	315033	47.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.50%
43) trans-1,3-Dichloropropene-	8.21	79	54143	53.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.56%
47) 2-Hexanone-d5	8.66	63	133078	134.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	134.30%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	170336	54.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	121264	49.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.64%

Target Compounds

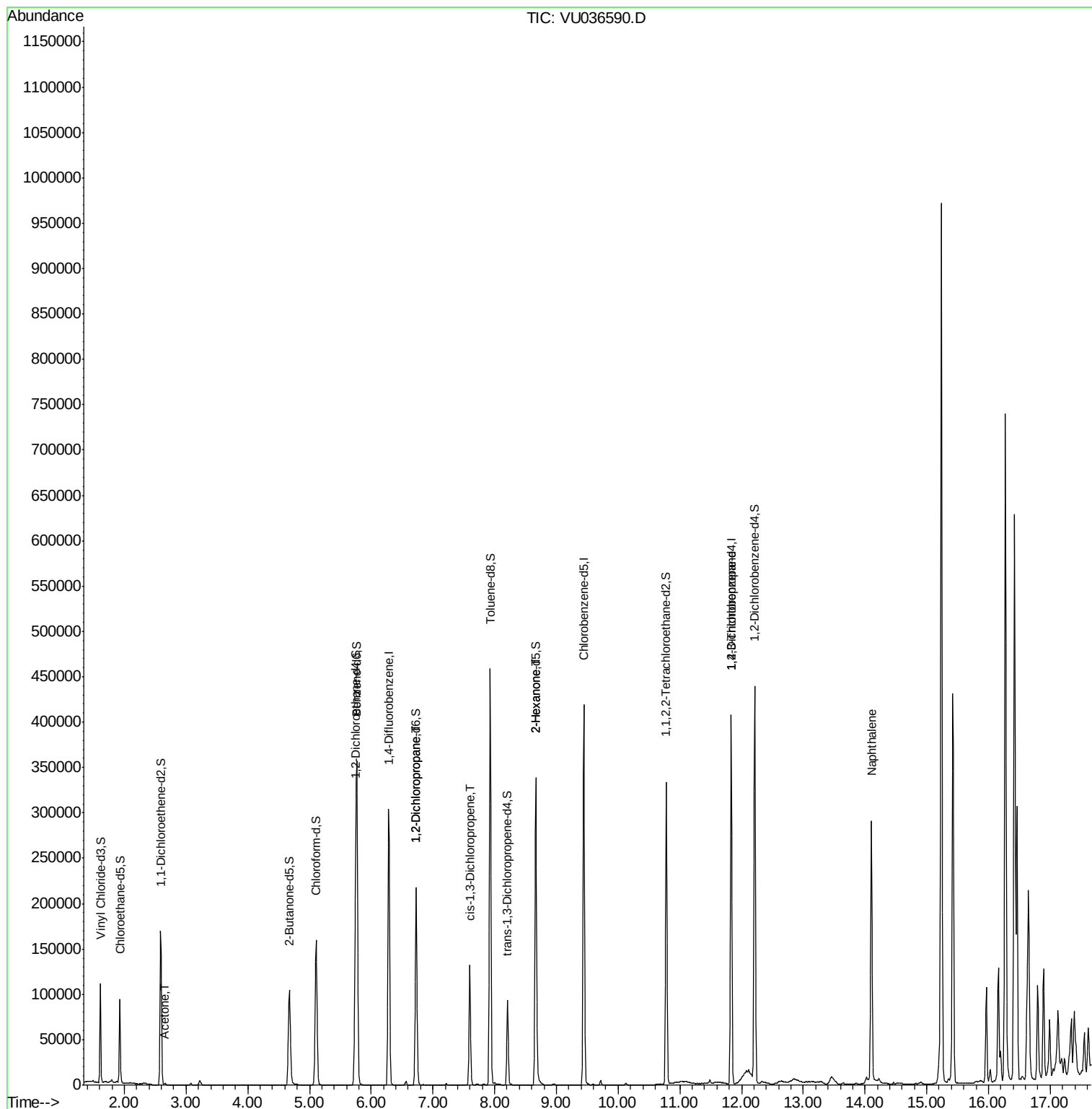
					Qvalue
13) Acetone	2.66	43	2162	1.922 ug/L	92
37) 1,2-Dichloropropane	6.73	63	11473	6.194 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2958	0.991 ug/L #	69
48) 2-Hexanone	8.66	43	12131	6.782 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	12517	4.999 ug/L	91
69) Naphthalene	14.10	128	242375	44.461 ug/L	99

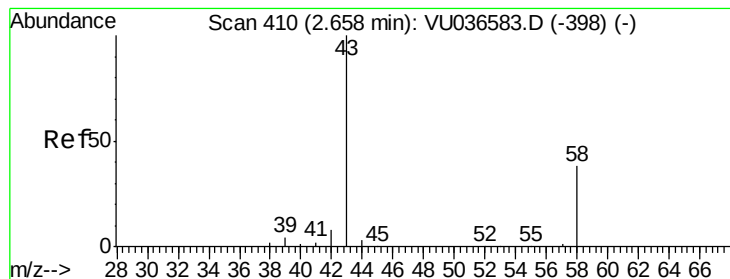
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.922 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU036590.D

Acq: 29 Jan 2020 13:53

Instrument :

MSVOA_U

ClientSampled :

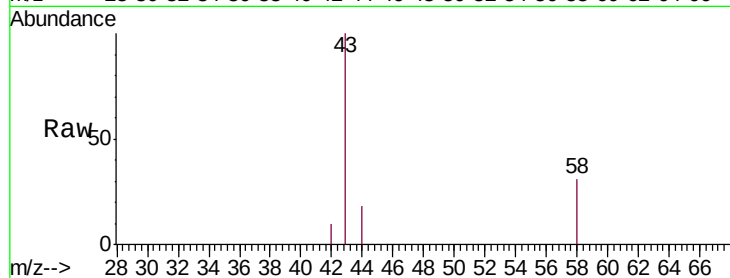
VIBLK20

Tgt Ion: 43 Resp: 2162

Ion Ratio Lower Upper

43 100

58 33.0 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) (-)

2.66

1500

1000

500

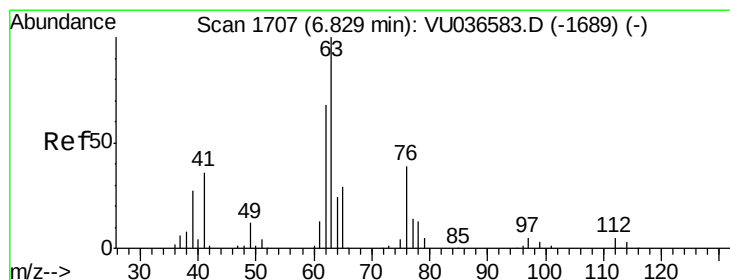
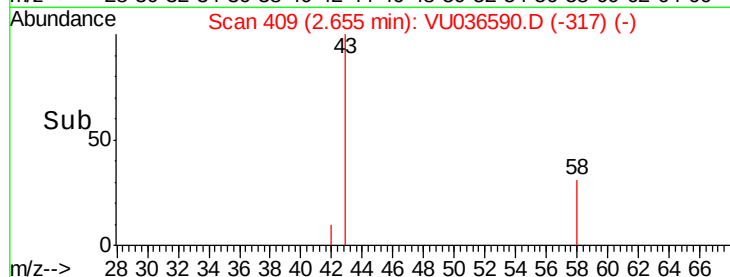
0

Time-->

2.60

2.65

2.70



#37

1,2-Dichloropropane

Concen: 6.194 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036590.D

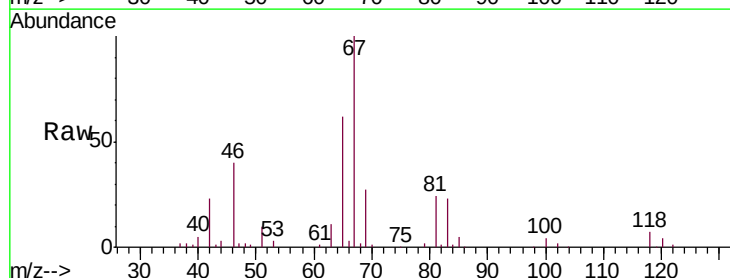
Acq: 29 Jan 2020 13:53

Tgt Ion: 63 Resp: 11473

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU036583.D (-1689) (-)

Ion 112.00 (111.70 to 112.70): VU036583.D (-1689) (-)

6.73

6000

4000

2000

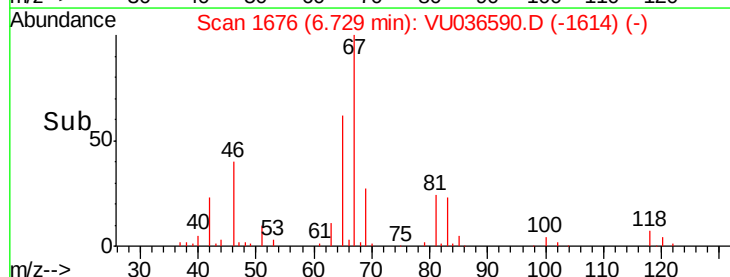
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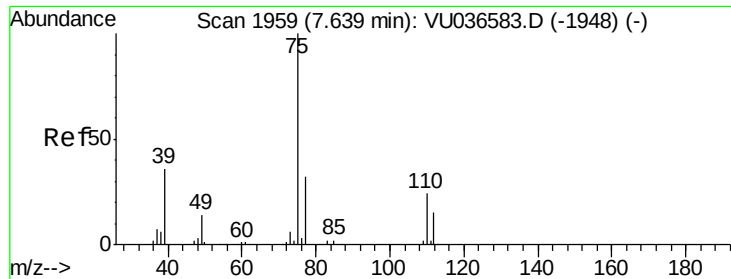
Time-->

6.65

6.70

6.75

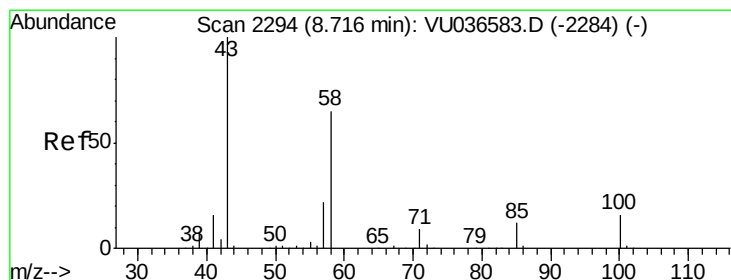
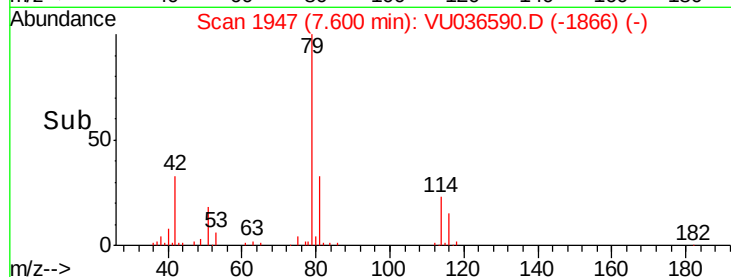
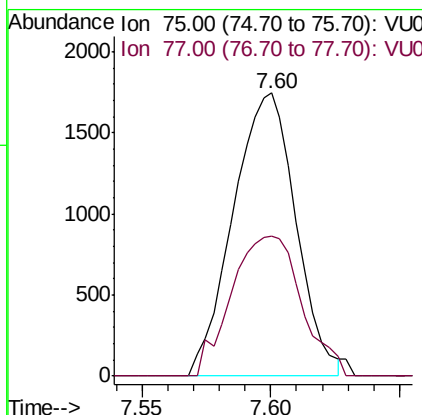
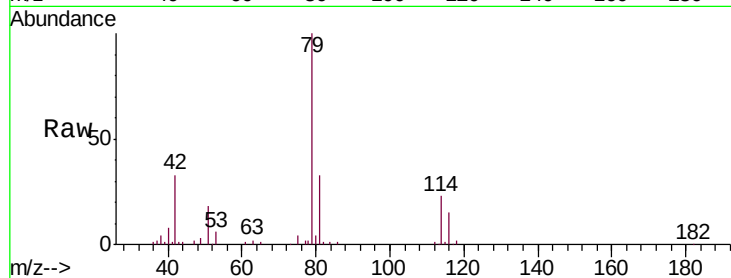




#39
 cis-1,3-Dichloropropene
 Concen: 0.991 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036590.D
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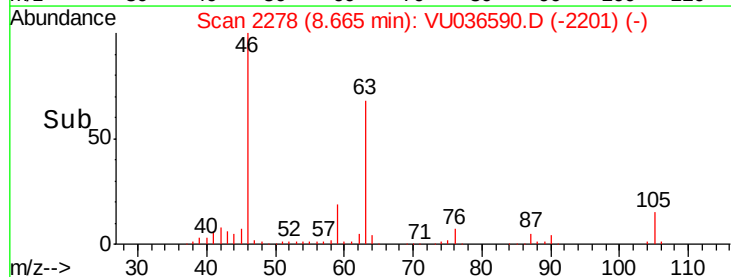
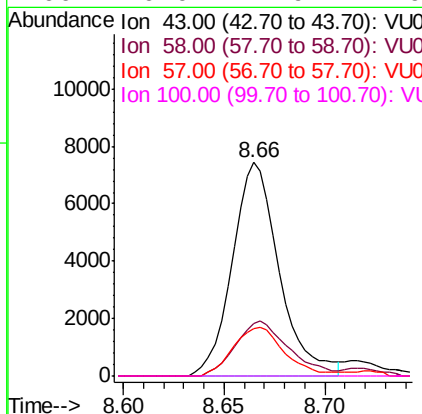
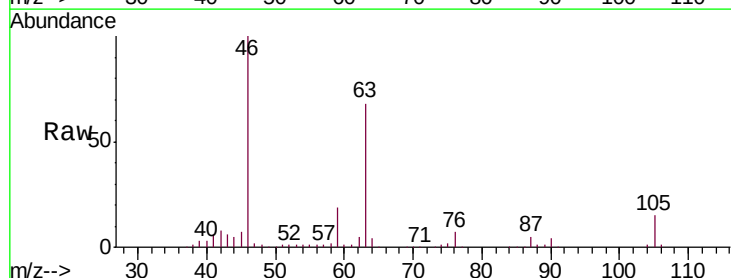
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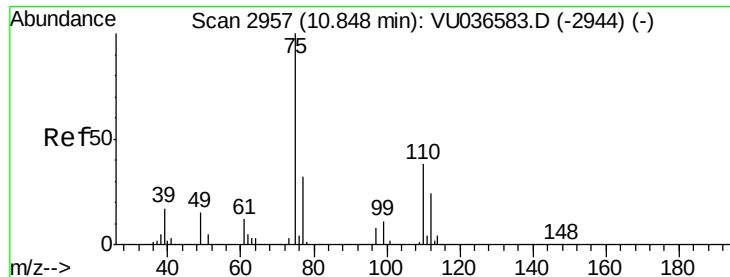
Tgt Ion: 75 Resp: 2958
 Ion Ratio Lower Upper
 75 100
 77 49.6 22.5 41.9#



#48
 2-Hexanone
 Concen: 6.782 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036590.D
 Acq: 29 Jan 2020 13:53

Tgt Ion: 43 Resp: 12131
 Ion Ratio Lower Upper
 43 100
 58 29.1 49.4 74.0#
 57 24.9 17.1 25.7
 100 0.0 11.9 17.9#

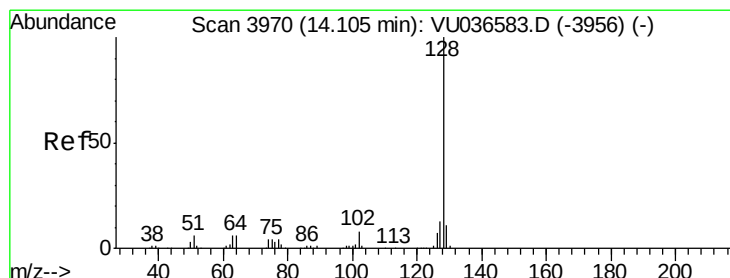
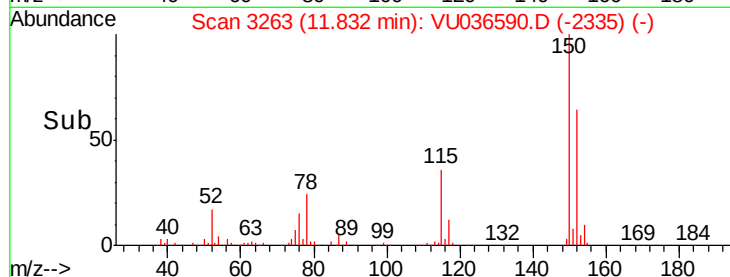
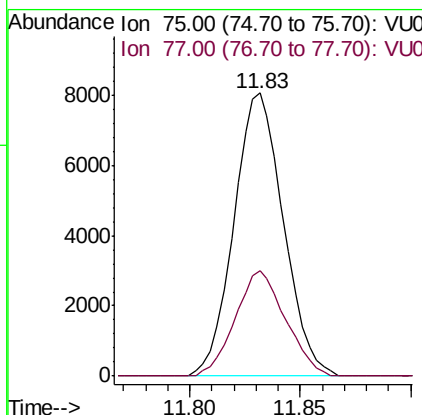
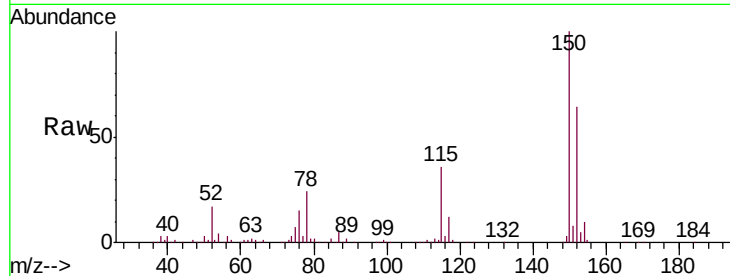




#59
 1,2,3-Trichloropropane
 Concen: 4.999 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036590.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK20

Tgt Ion: 75 Resp: 12517
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.2 39.2



#69
 Naphthalene
 Concen: 44.461 ug/L
 RT: 14.10 min Scan# 3970
 Delta R.T. 0.00 min
 Lab File: VU036590.D
 Acq: 29 Jan 2020 13:53

Tgt Ion: 128 Resp: 242375
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.6 15.8
 129 10.9 8.6 12.8

