

Data File : VU028820.D
Acq On : 20 Dec 2018 13:29
Operator : MD/SY
Sample : J6487-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Dec 21 03:55:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190443	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73761	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80398	52.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.32%
7) Chloroethane-d5	1.67	69	62463	52.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.94%
11) 1,1-Dichloroethene-d2	2.27	63	103315	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.48%
21) 2-Butanone-d5	4.17	46	116913	109.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.30%
24) Chloroform-d	4.65	84	123620	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
26) 1,2-Dichloroethane-d4	5.31	65	78238	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.74%
32) Benzene-d6	5.34	84	275226	54.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.32%
36) 1,2-Dichloropropane-d6	6.33	67	95339	55.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.46%
41) Toluene-d8	7.57	98	245044	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%
43) trans-1,3-Dichloropropene-	7.85	79	40926	52.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.82%
47) 2-Hexanone-d5	8.31	63	90999	110.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124910	52.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	82563	55.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.68%

Target Compounds

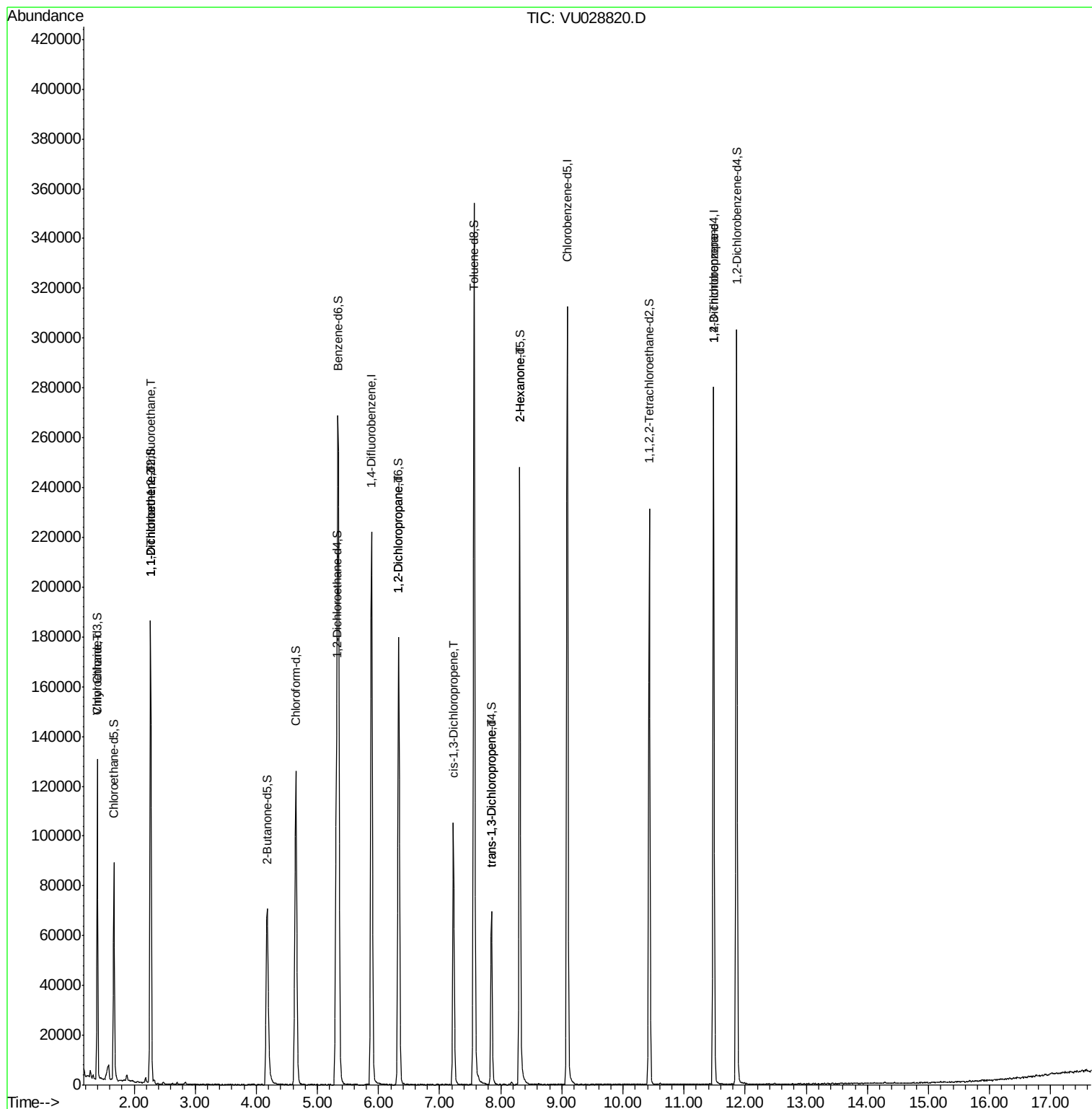
					Qvalue	
8) Chloroethane	1.40	64	1164	1.093	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	939	0.761	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	838	0.686	ug/L #	1
37) 1,2-Dichloropropane	6.33	63	8488	5.303	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2104	0.922	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	1551	0.762	ug/L	94
48) 2-Hexanone	8.31	43	9613	5.444	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	8951	4.686	ug/L	98

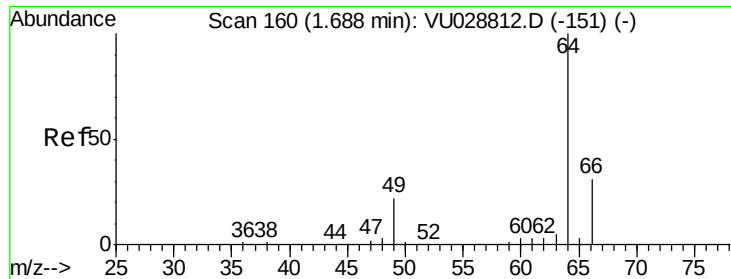
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.093 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028820.D

Acq: 20 Dec 2018 13:29

Instrument :

MSVOA_U

ClientSampleId :

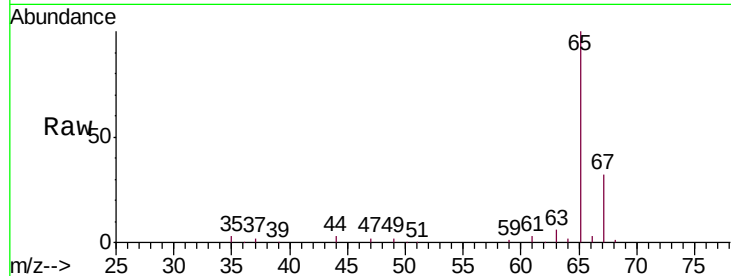
VHBLK02

Tgt Ion: 64 Resp: 1164

Ion Ratio Lower Upper

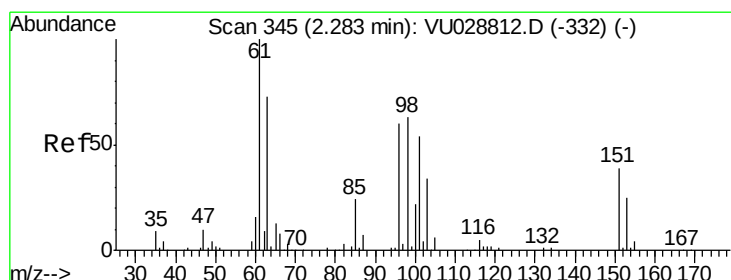
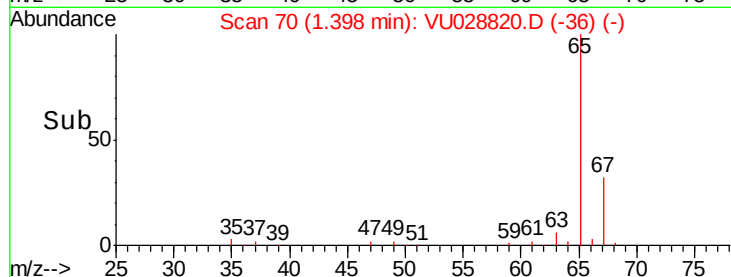
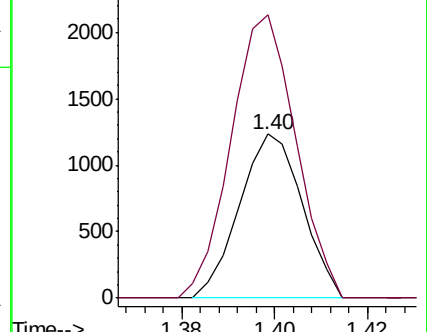
64 100

66 172.4 21.5 39.9#



Abundance Ion 64.00 (63.70 to 64.70): VU028820.D (-151) (-)

Ion 66.00 (65.70 to 66.70): VU028820.D (-151) (-)



#10

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

Concen: 0.761 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028820.D

Acq: 20 Dec 2018 13:29

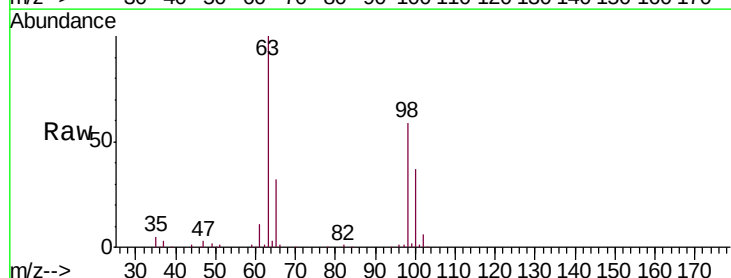
Tgt Ion: 101 Resp: 939

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

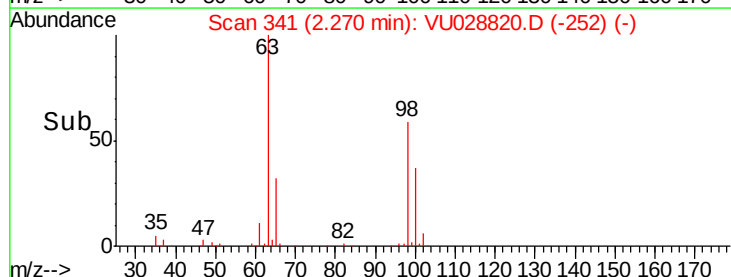
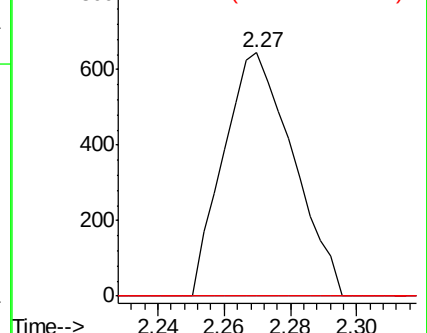
151 0.0 59.4 89.0#

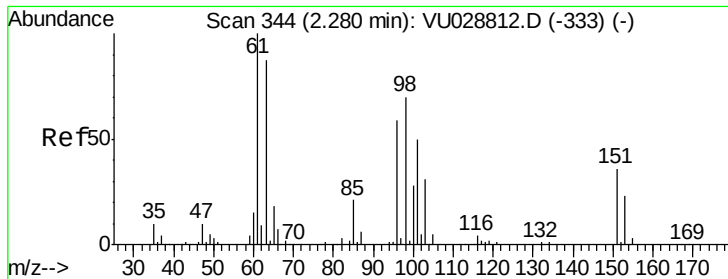


Abundance Ion 101.00 (100.70 to 101.70): VU028820.D (-252) (-)

Ion 85.00 (84.70 to 85.70): VU028820.D (-252) (-)

Ion 151.00 (150.70 to 151.70): VU028820.D (-252) (-)

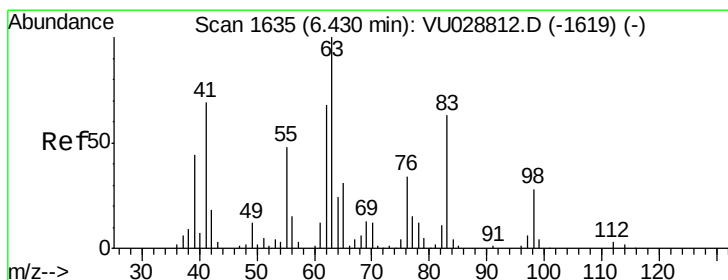
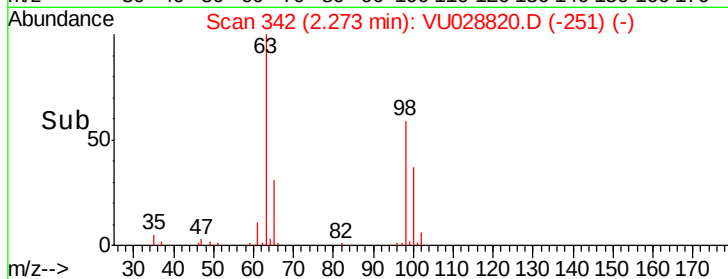
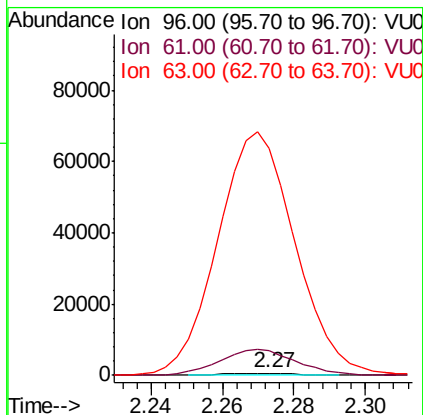
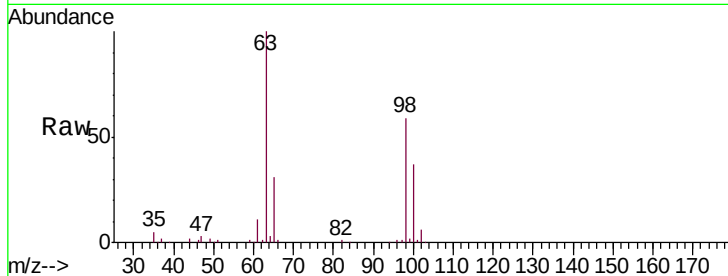




#12
 1,1-Dichloroethene
 Concen: 0.686 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU028820.D
 Acq: 20 Dec 2018 13:29

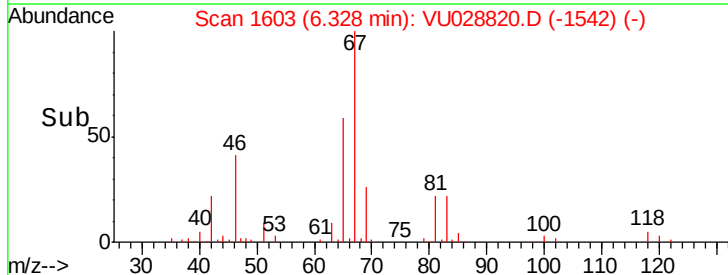
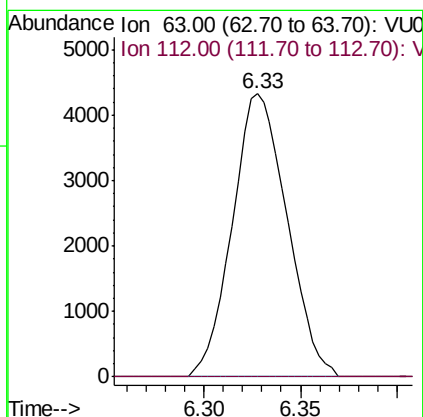
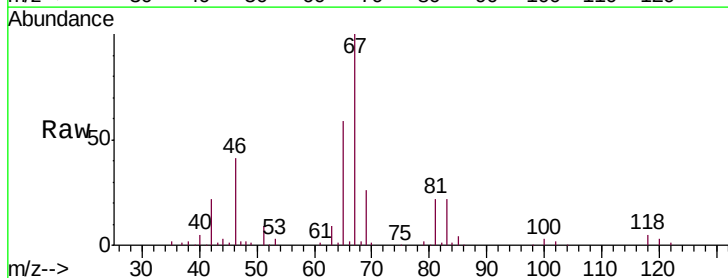
Instrument :
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 ClientSampleId :
 VHBLK02

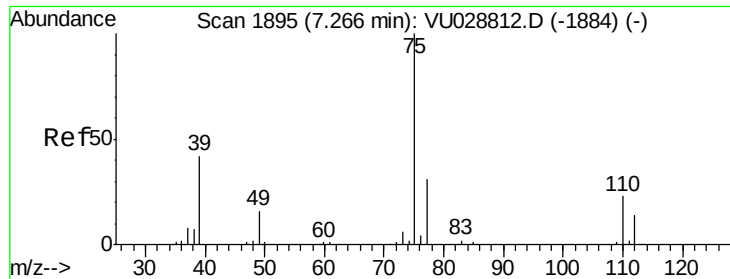
Tgt Ion: 96 Resp: 838
 Ion Ratio Lower Upper
 96 100
 61 1301.3 119.3 221.5#
 63 12060.5 107.4 199.6#



#37
 1,2-Dichloropropane
 Concen: 5.303 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028820.D
 Acq: 20 Dec 2018 13:29

Tgt Ion: 63 Resp: 8488
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#

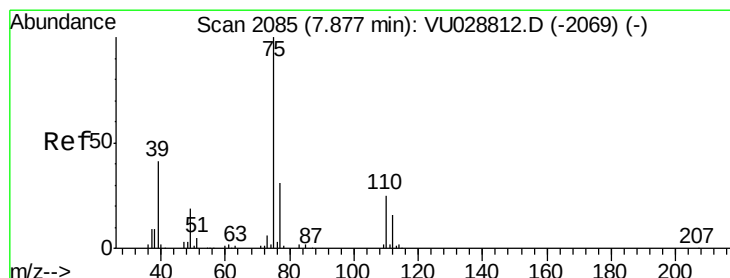
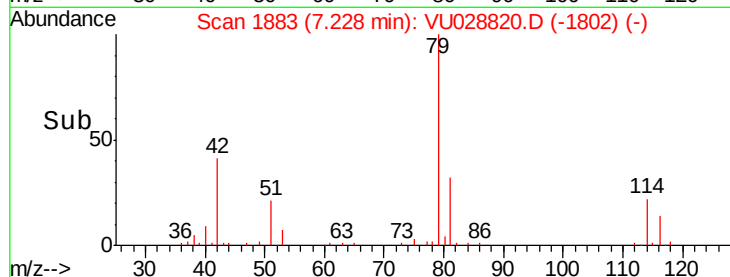
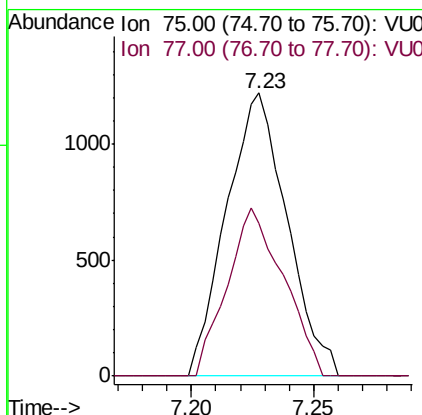
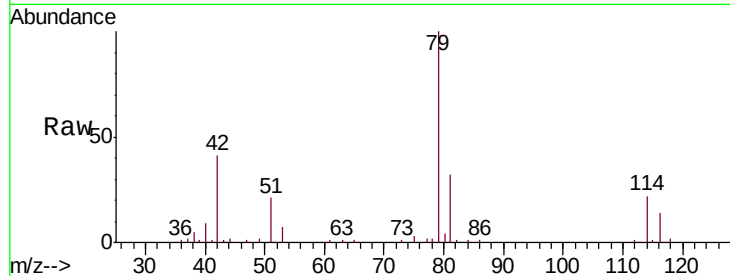




#39
 cis-1,3-Dichloropropene
 Concen: 0.922 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028820.D
 Acq: 20 Dec 2018 13:29

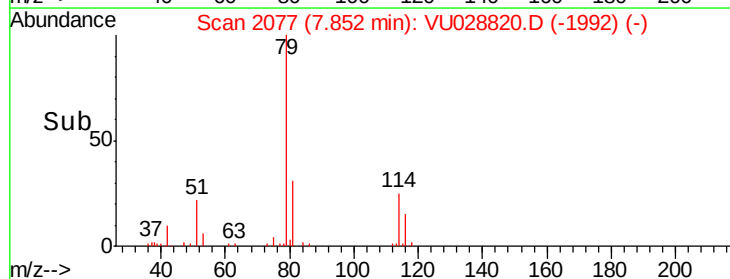
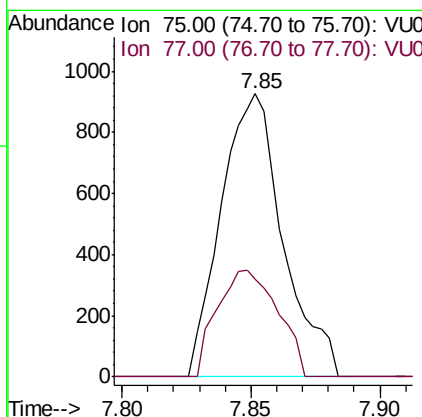
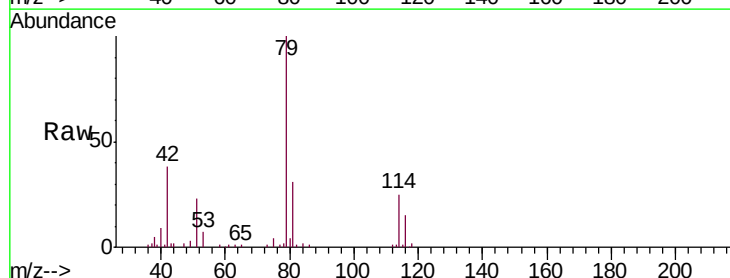
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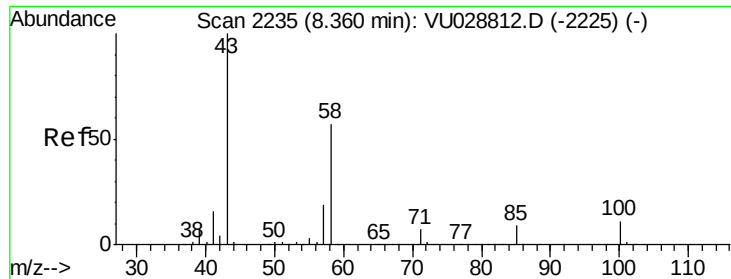
Tgt Ion: 75 Resp: 2104
 Ion Ratio Lower Upper
 75 100
 77 54.2 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.762 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU028820.D
 Acq: 20 Dec 2018 13:29

Tgt Ion: 75 Resp: 1551
 Ion Ratio Lower Upper
 75 100
 77 34.3 21.8 40.6

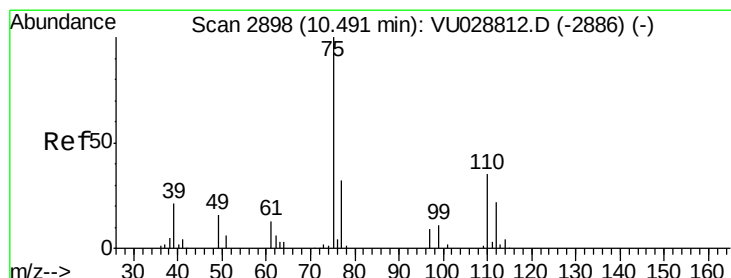
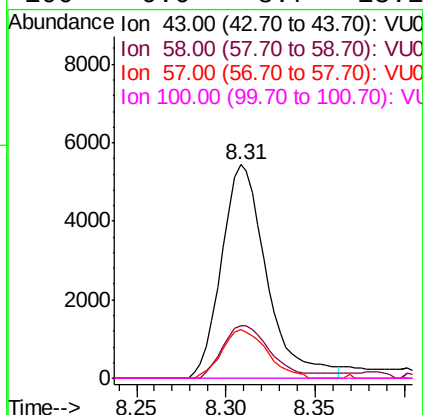
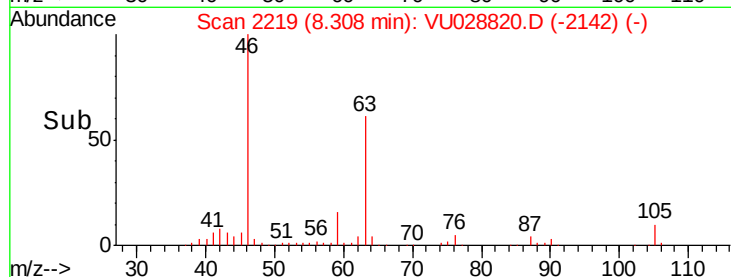
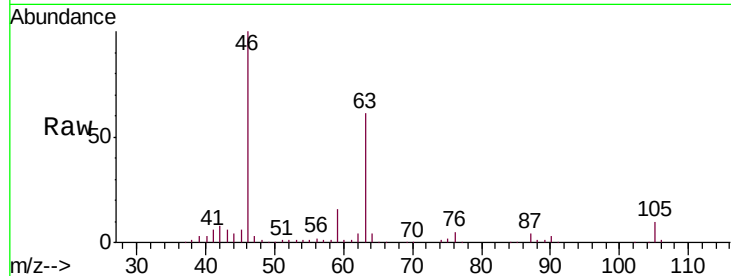




#48
 2-Hexanone
 Concen: 5.444 ug/L
 RT: 8.31 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: VU028820.D
 Acq: 20 Dec 2018 13:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 43 Resp: 9613
 Ion Ratio Lower Upper
 43 100
 58 26.0 45.9 68.9#
 57 22.8 15.0 22.4#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 4.686 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028820.D
 Acq: 20 Dec 2018 13:29

Tgt Ion: 75 Resp: 8951
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.5 38.3

