

Data File : VU029048.D
Acq On : 07 Jan 2019 10:27
Operator : MD/SY
Sample : VU0107WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Quant Time: Jan 08 01:40:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 01:37:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	184683	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	176184	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75591	51.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.10%
7) Chloroethane-d5	1.67	69	59358	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.27	63	97541	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.34%
21) 2-Butanone-d5	4.17	46	109175	105.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.25%
24) Chloroform-d	4.65	84	117882	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.31	65	74892	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
32) Benzene-d6	5.34	84	260605	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
36) 1,2-Dichloropropane-d6	6.33	67	89102	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.38%
41) Toluene-d8	7.56	98	230875	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.85	79	39135	51.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.30%
47) 2-Hexanone-d5	8.31	63	77557	96.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121350	51.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	80045	53.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.46%

Target Compounds

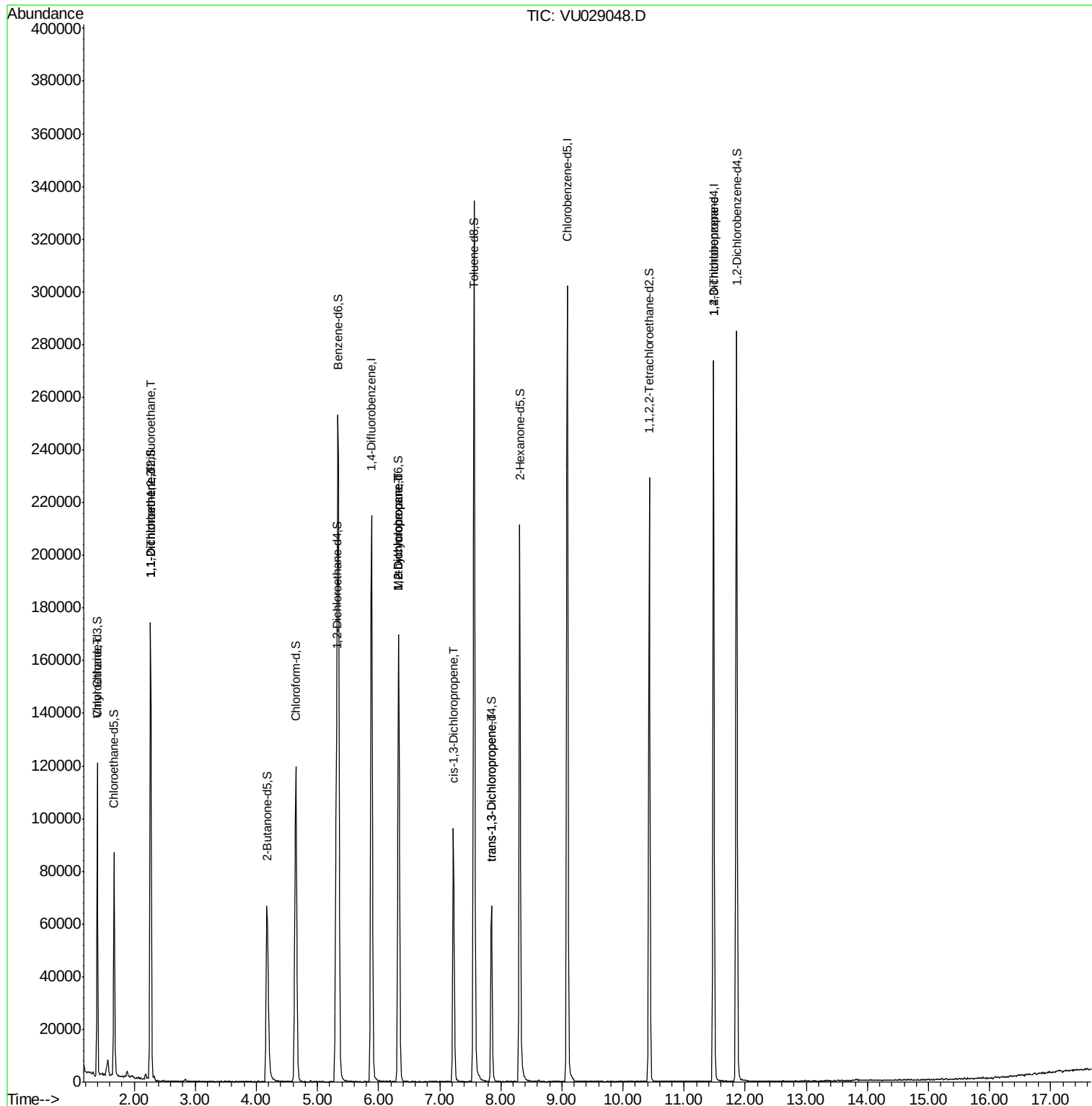
					Qvalue	
8) Chloroethane	1.40	64	1103	1.068	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	817	0.683	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	755	0.638	ug/L #	1
35) Methylcyclohexane	6.33	83	18460	8.185	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8280	5.281	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1837	0.822	ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1431	0.718	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	8807	4.707	ug/L	97

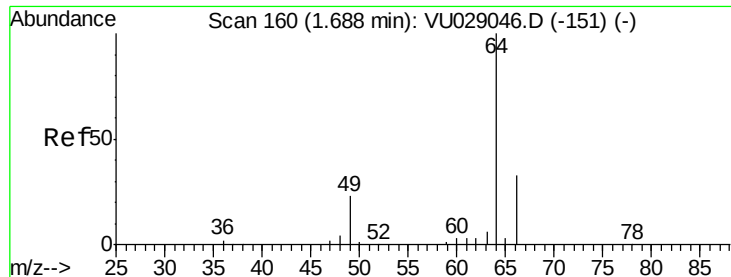
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.068 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU029048.D

Acq: 07 Jan 2019 10:27

Instrument :

MSVOA_U

ClientSampleId :

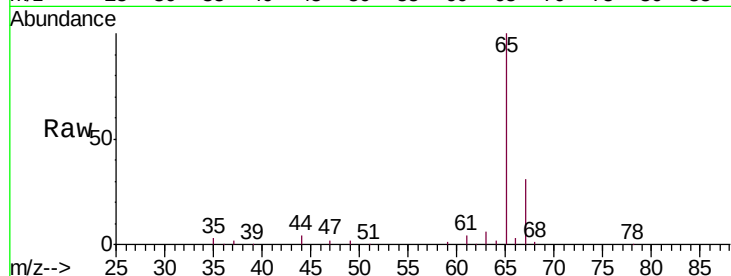
VBLK48

Tgt Ion: 64 Resp: 1103

Ion Ratio Lower Upper

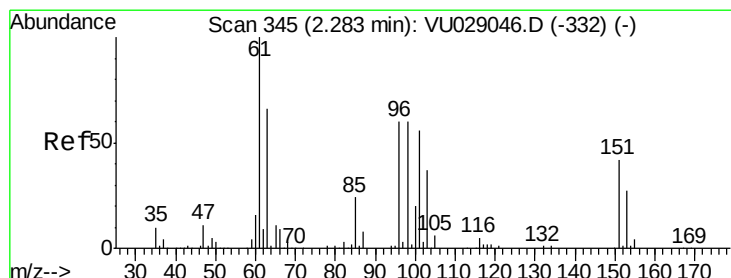
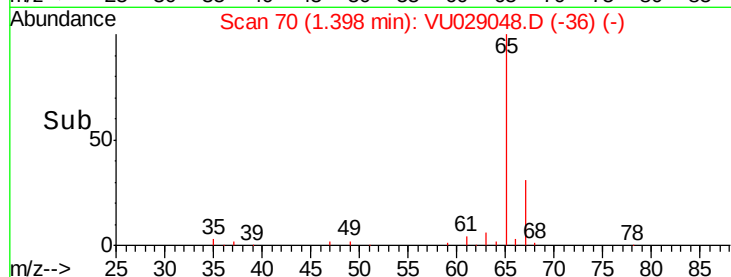
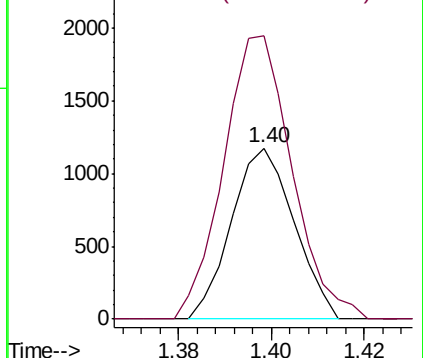
64 100

66 165.7 21.5 39.9#



Abundance Ion 64.00 (63.70 to 64.70): VU029048.D (-151) (-)

Ion 66.00 (65.70 to 66.70): VU029048.D (-151) (-)



#10

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

Concen: 0.683 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU029048.D

Acq: 07 Jan 2019 10:27

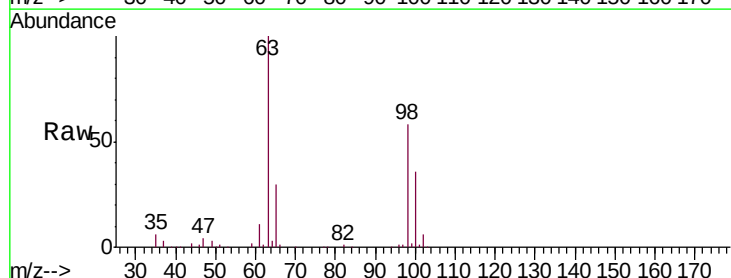
Tgt Ion: 101 Resp: 817

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

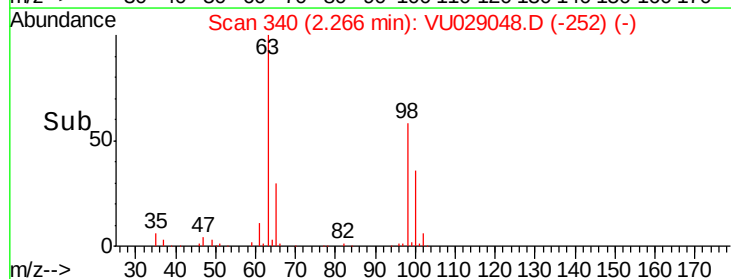
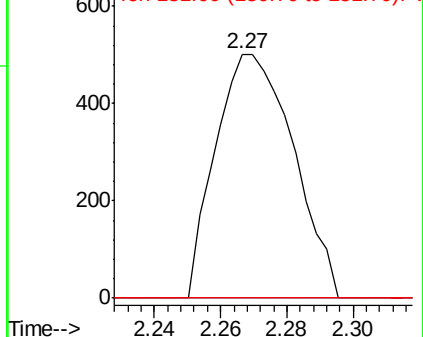
151 0.0 59.4 89.0#

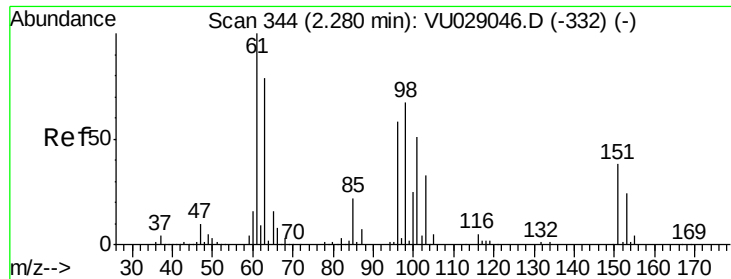


Abundance Ion 101.00 (100.70 to 101.70): VU029048.D (-332) (-)

Ion 85.00 (84.70 to 85.70): VU029048.D (-332) (-)

Ion 151.00 (150.70 to 151.70): VU029048.D (-332) (-)

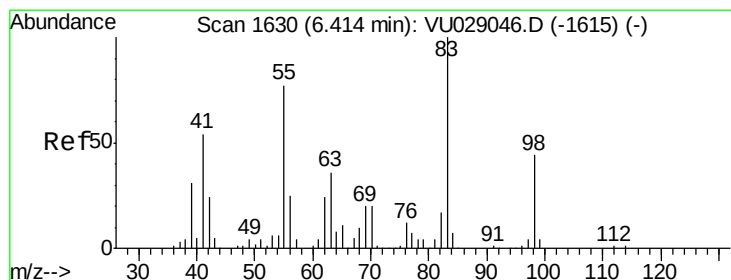
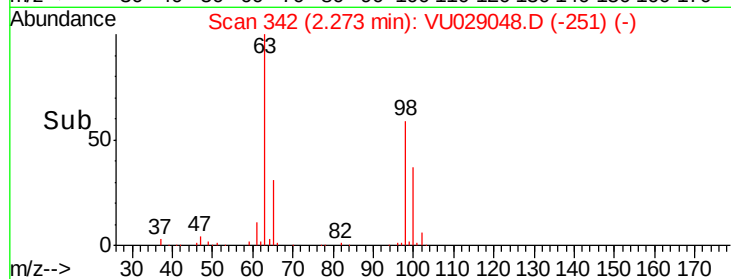
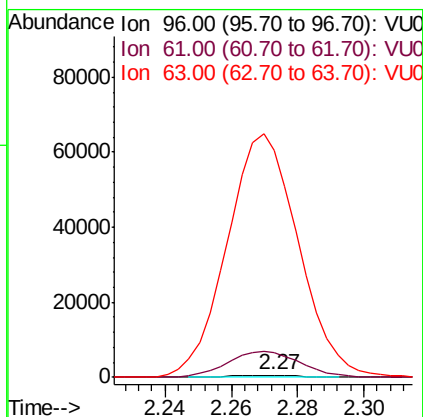
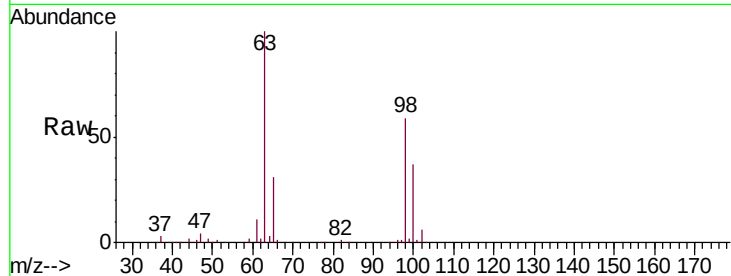




#12
 1,1-Dichloroethene
 Concen: 0.638 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU029048.D
 Acq: 07 Jan 2019 10:27

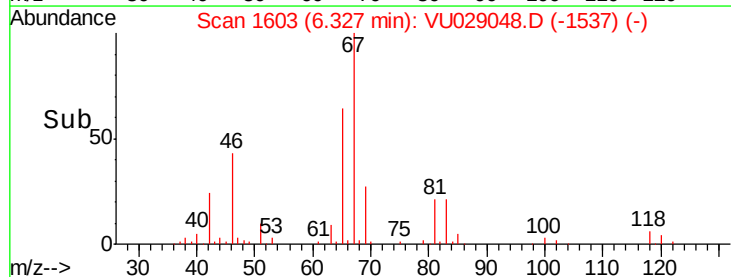
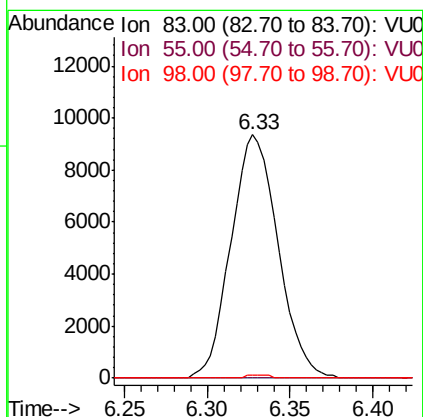
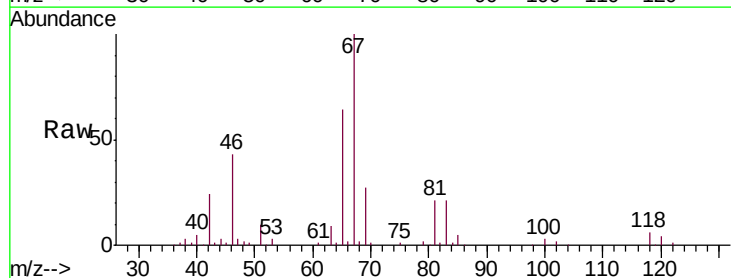
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 VBLK48

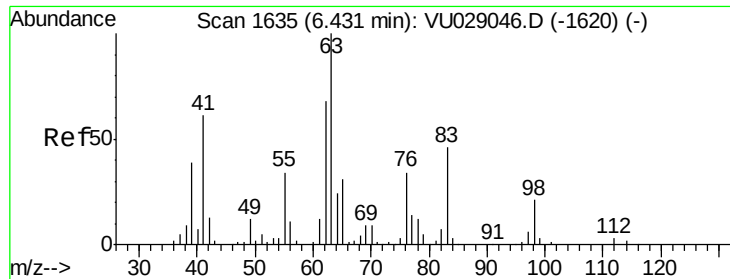
Tgt Ion: 96 Resp: 755
 Ion Ratio Lower Upper
 96 100
 61 1291.1 119.3 221.5#
 63 11993.7 107.4 199.6#



#35
 Methylcyclohexane
 Concen: 8.185 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.09 min
 Lab File: VU029048.D
 Acq: 07 Jan 2019 10:27

Tgt Ion: 83 Resp: 18460
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.7 95.5#
 98 0.2 35.6 53.4#

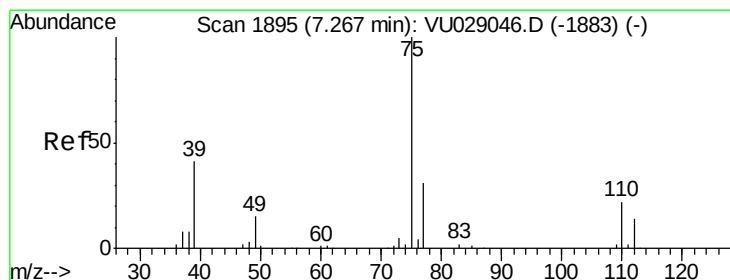
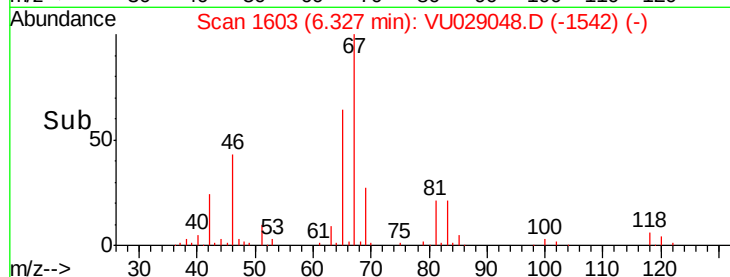
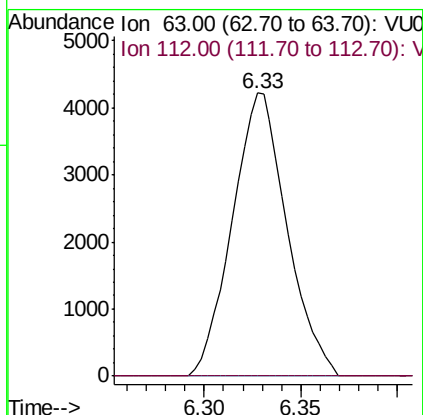
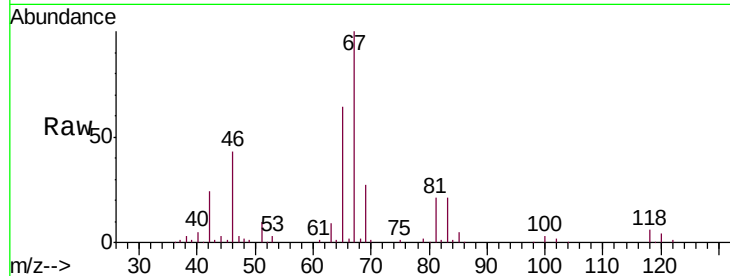




#37
 1,2-Dichloropropane
 Concen: 5.281 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU029048.D
 Acq: 07 Jan 2019 10:27

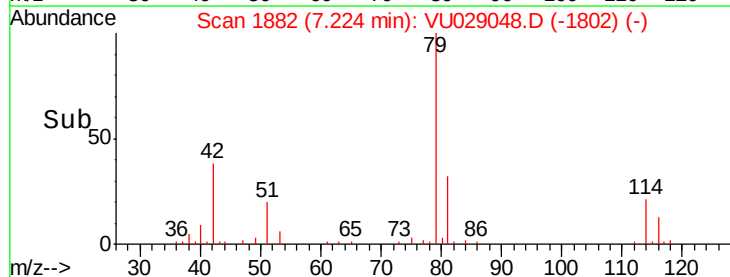
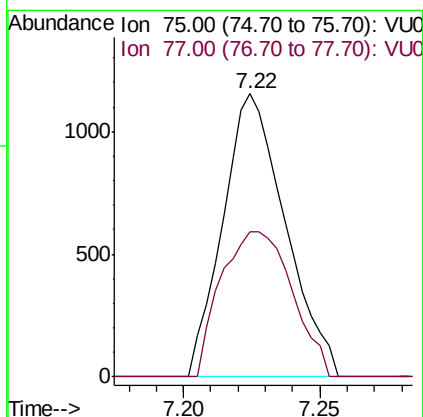
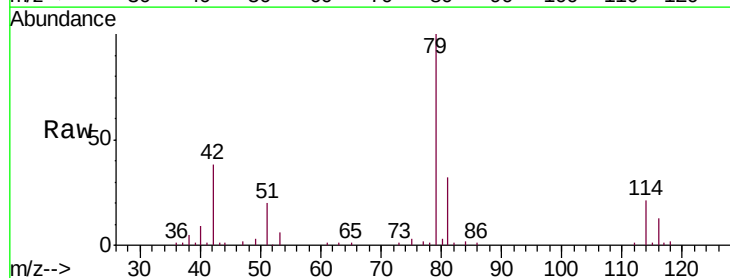
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

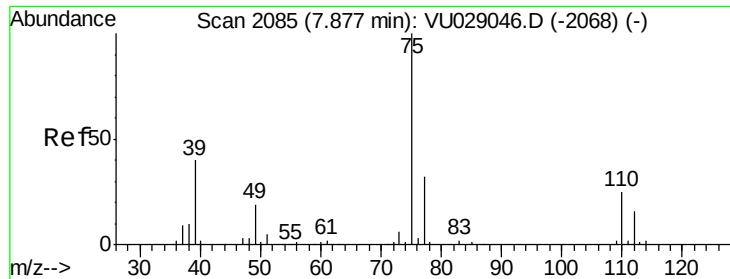
Tgt Ion: 63 Resp: 8280
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.822 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029048.D
 Acq: 07 Jan 2019 10:27

Tgt Ion: 75 Resp: 1837
 Ion Ratio Lower Upper
 75 100
 77 51.3 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU029048.D

Acq: 07 Jan 2019 10:27

Instrument :

MSVOA_U

ClientSampleId :

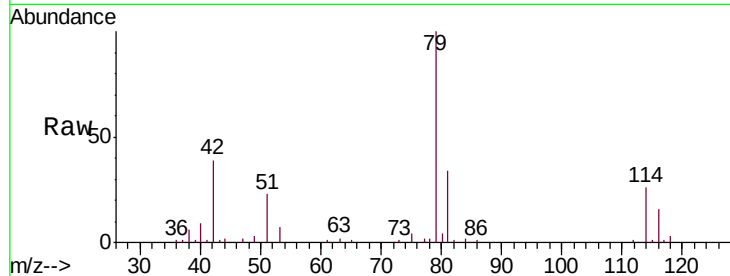
VBLK48

Tgt Ion: 75 Resp: 1431

Ion Ratio Lower Upper

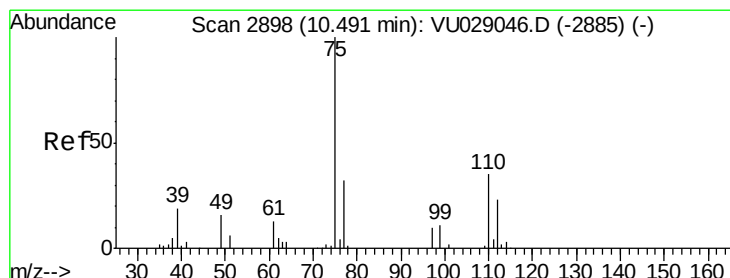
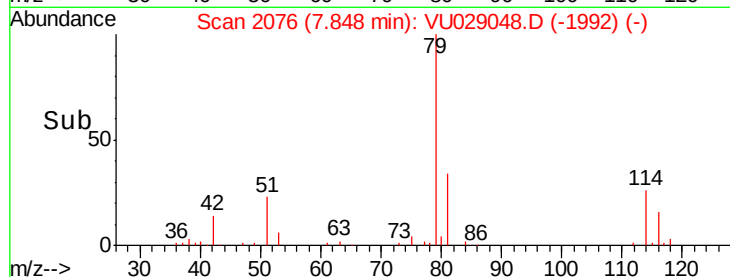
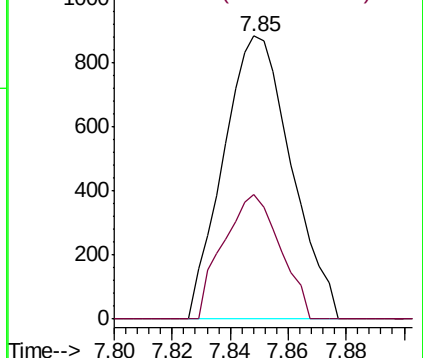
75 100

77 44.2 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.707 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU029048.D

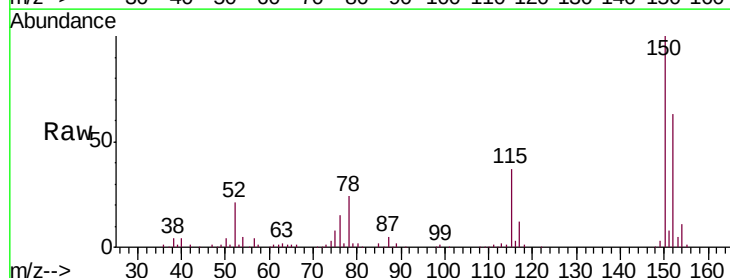
Acq: 07 Jan 2019 10:27

Tgt Ion: 75 Resp: 8807

Ion Ratio Lower Upper

75 100

77 33.8 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

