

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100518\
 Data File : VU027448.D
 Acq On : 05 Oct 2018 12:53
 Operator : MD/SY
 Sample : VU1005MBL01
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

Quant Time: Oct 06 04:57:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:54:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	215011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78670	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.98%
7) Chloroethane-d5	1.68	69	63428	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.32%
11) 1,1-Dichloroethene-d2	2.27	63	114807	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
21) 2-Butanone-d5	4.18	46	133954	98.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	4.65	84	115620	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	5.31	65	96171	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
32) Benzene-d6	5.34	84	289074	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.33	67	101820	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.57	98	246030	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.85	79	46244	47.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.14%
47) 2-Hexanone-d5	8.31	63	102205	100.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128579	48.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	93152	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%

Target Compounds

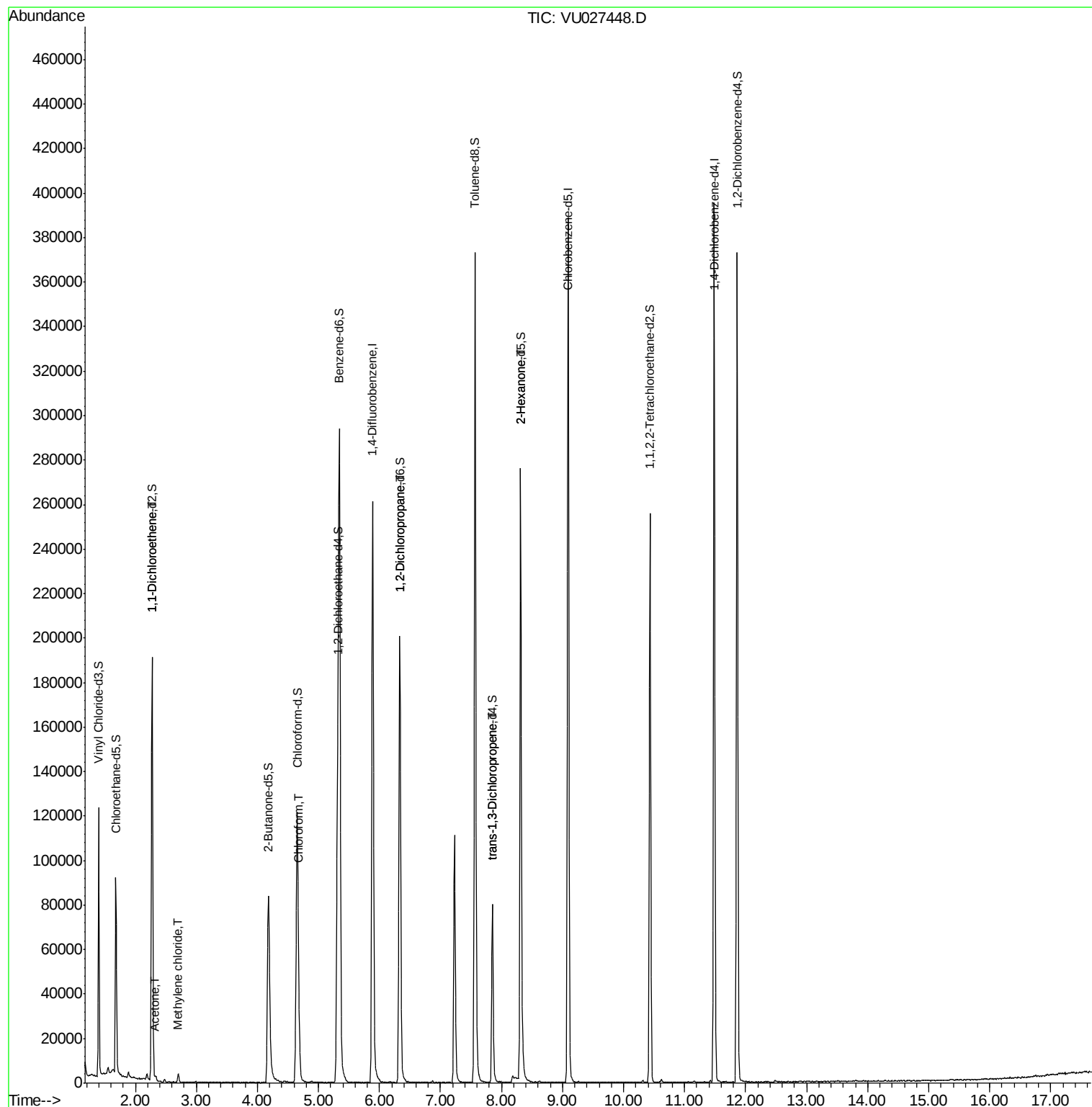
					Qvalue
12) 1,1-Dichloroethene	2.28	96	780	0.562 ug/L #	1
13) Acetone	2.32	43	589	0.526 ug/L #	44
16) Methylene chloride	2.71	84	1687	1.000 ug/L	85
25) Chloroform	4.68	83	23047	7.512 ug/L	98
37) 1,2-Dichloropropane	6.33	63	10913	5.578 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1777	0.666 ug/L	93
48) 2-Hexanone	8.31	43	11617	5.135 ug/L #	67

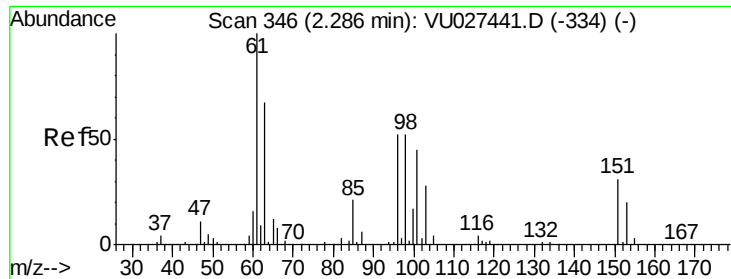
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 06 04:54:09 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.562 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027448.D

Acq: 05 Oct 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

VBLK52

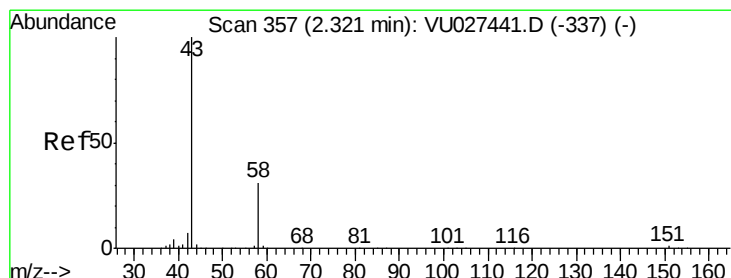
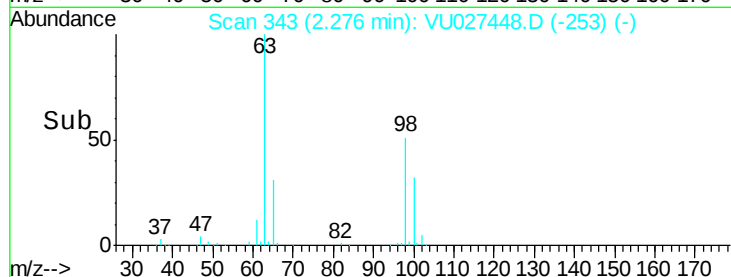
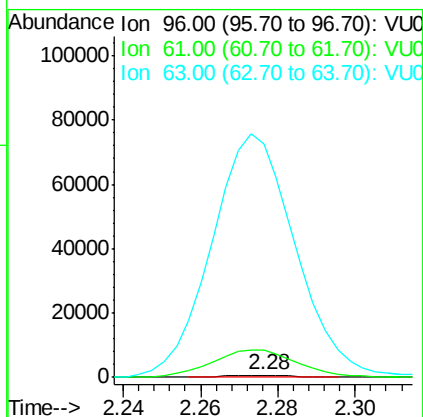
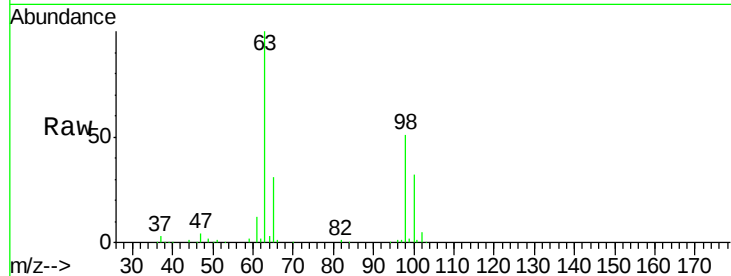
Tgt Ion: 96 Resp: 780

Ion Ratio Lower Upper

96 100

61 1386.1 135.2 251.0#

63 12004.0 94.3 175.1#



#13

Acetone

Concen: 0.526 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027448.D

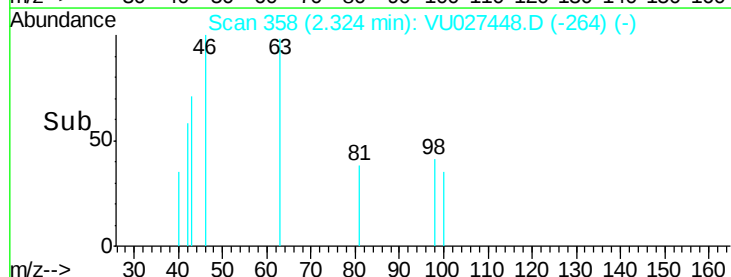
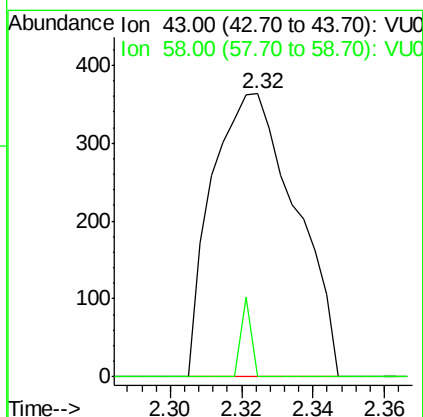
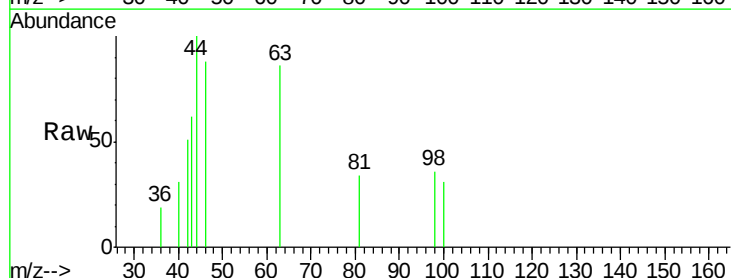
Acq: 05 Oct 2018 12:53

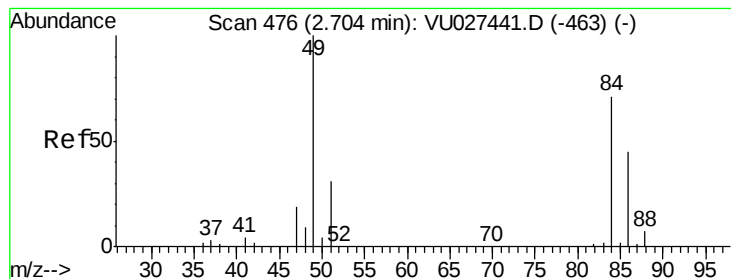
Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

58 0.0 0.0 60.8





#16

Methylene chloride

Concen: 1.000 ug/L

RT: 2.71 min Scan# 477

Delta R.T. 0.00 min

Lab File: VU027448.D

Acq: 05 Oct 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

VBLK52

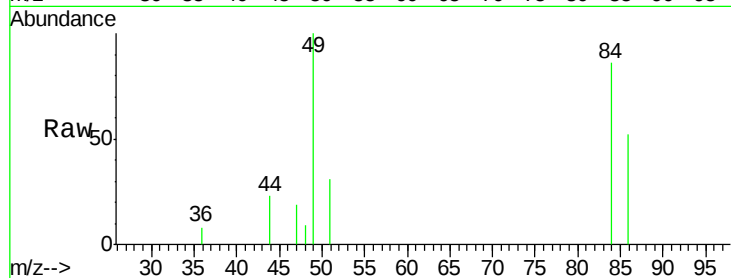
Tgt Ion: 84 Resp: 1687

Ion Ratio Lower Upper

84 100

86 60.3 44.6 82.8

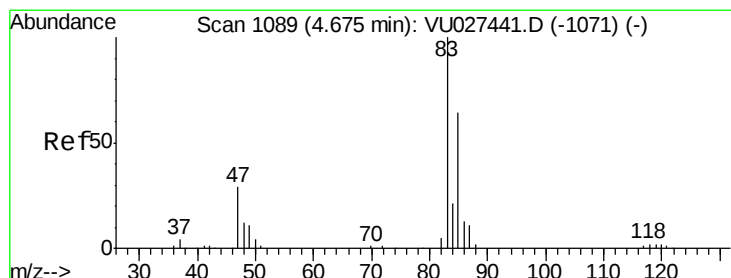
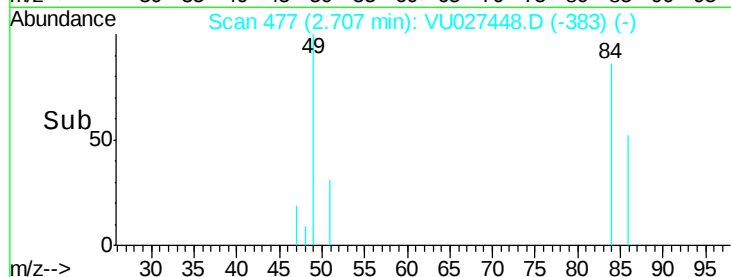
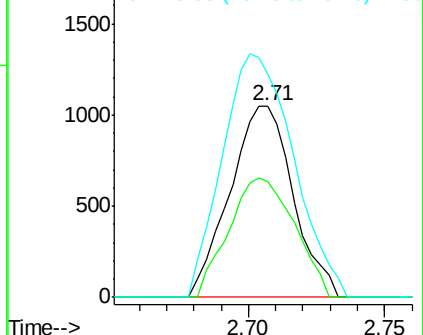
49 116.8 98.3 182.5



Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0



#25

Chloroform

Concen: 7.512 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027448.D

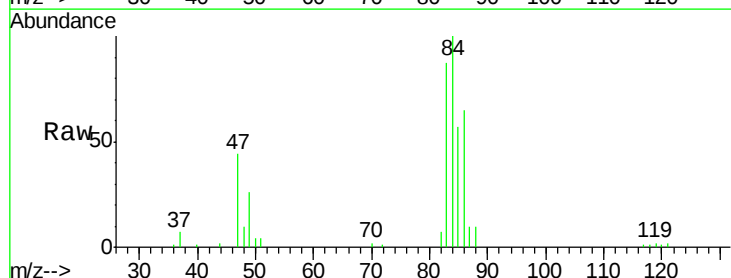
Acq: 05 Oct 2018 12:53

Tgt Ion: 83 Resp: 23047

Ion Ratio Lower Upper

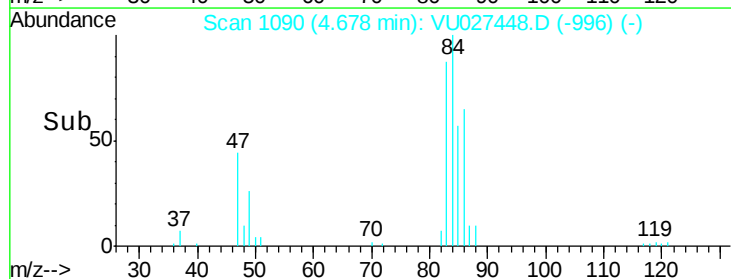
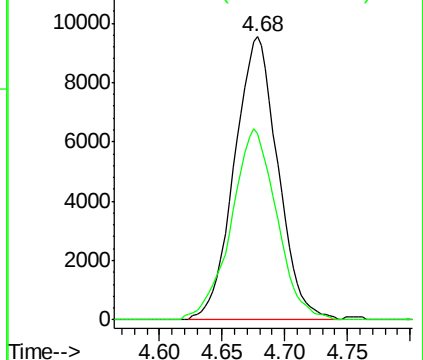
83 100

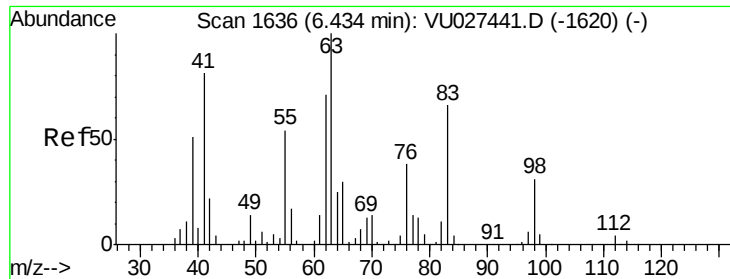
85 65.6 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

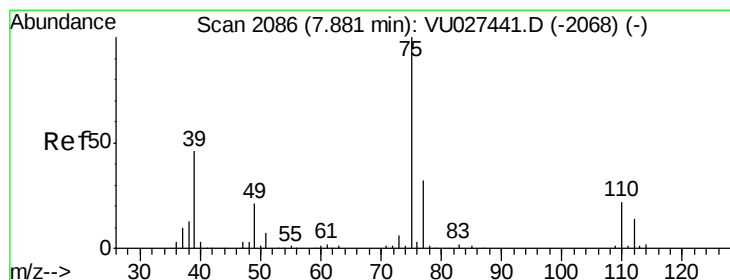
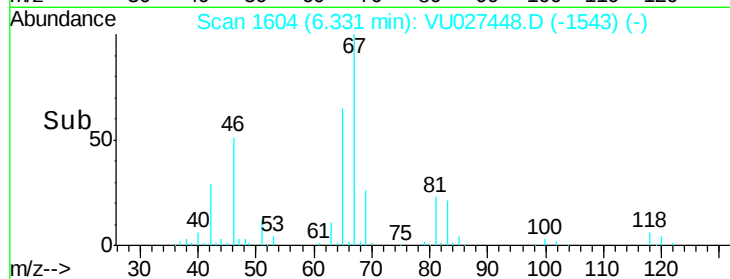
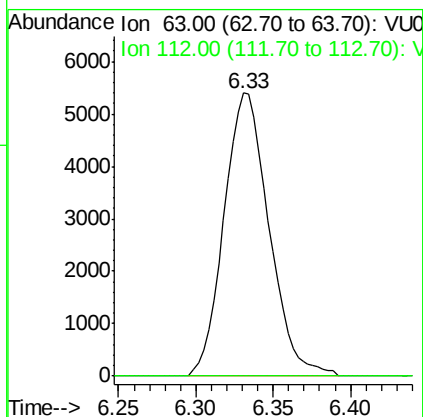
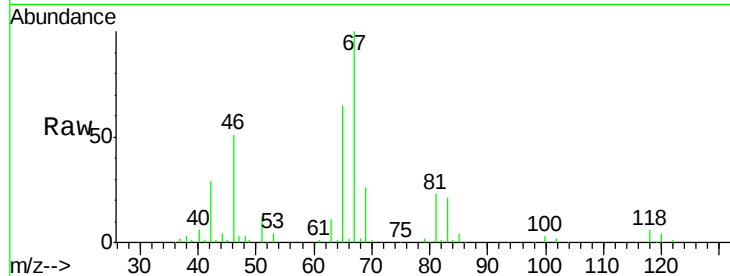




#37
 1,2-Dichloropropane
 Concen: 5.578 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027448.D
 Acq: 05 Oct 2018 12:53

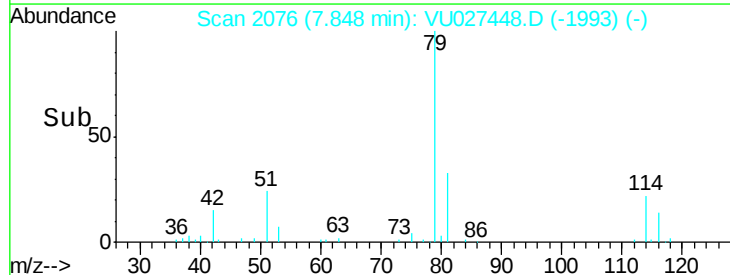
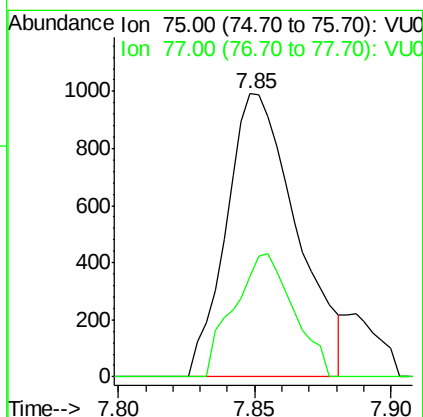
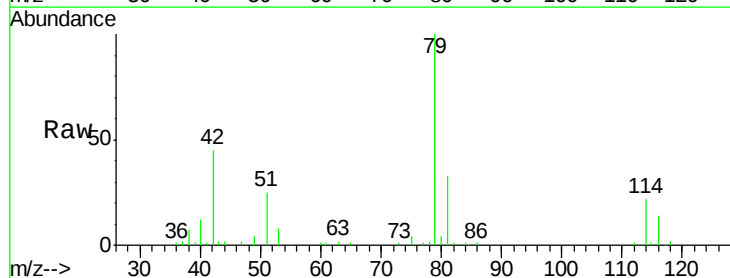
Instrument :
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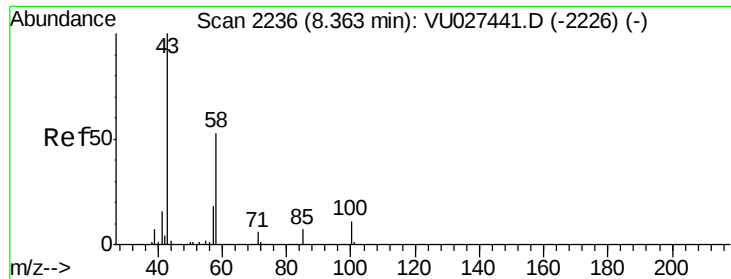
Tgt Ion: 63 Resp: 10913
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.666 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU027448.D
 Acq: 05 Oct 2018 12:53

Tgt Ion: 75 Resp: 1777
 Ion Ratio Lower Upper
 75 100
 77 35.4 22.2 41.2





#48

2-Hexanone

Concen: 5.135 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU027448.D

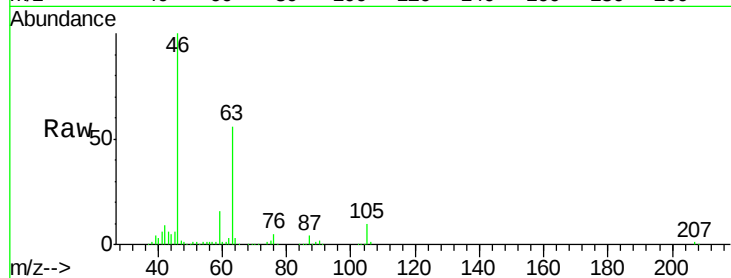
Acq: 05 Oct 2018 12:53

Instrument :

MSVOA_U

ClientSampleId :

VBLK52



Tgt Ion: 43 Resp: 11617

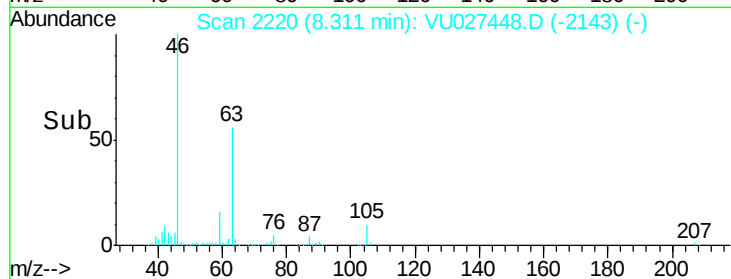
Ion Ratio Lower Upper

43 100

58 24.5 42.7 64.1#

57 23.6 14.5 21.7#

100 0.0 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

