

Data File : VU032158.D
Acq On : 20 May 2019 16:35
Operator : JC/SP
Sample : VU0520WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK21

Quant Time: May 21 08:32:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	347873	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	357713	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	146889	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105708	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.68	69	105427	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.27	63	150927	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.21	46	285823	49.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.36%
24) Chloroform-d	4.64	84	235774	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	123443	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.33	84	468323	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.33	67	141217	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.56	98	375120	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.85	79	47643	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.31	63	239611	46.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126193	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	145826	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

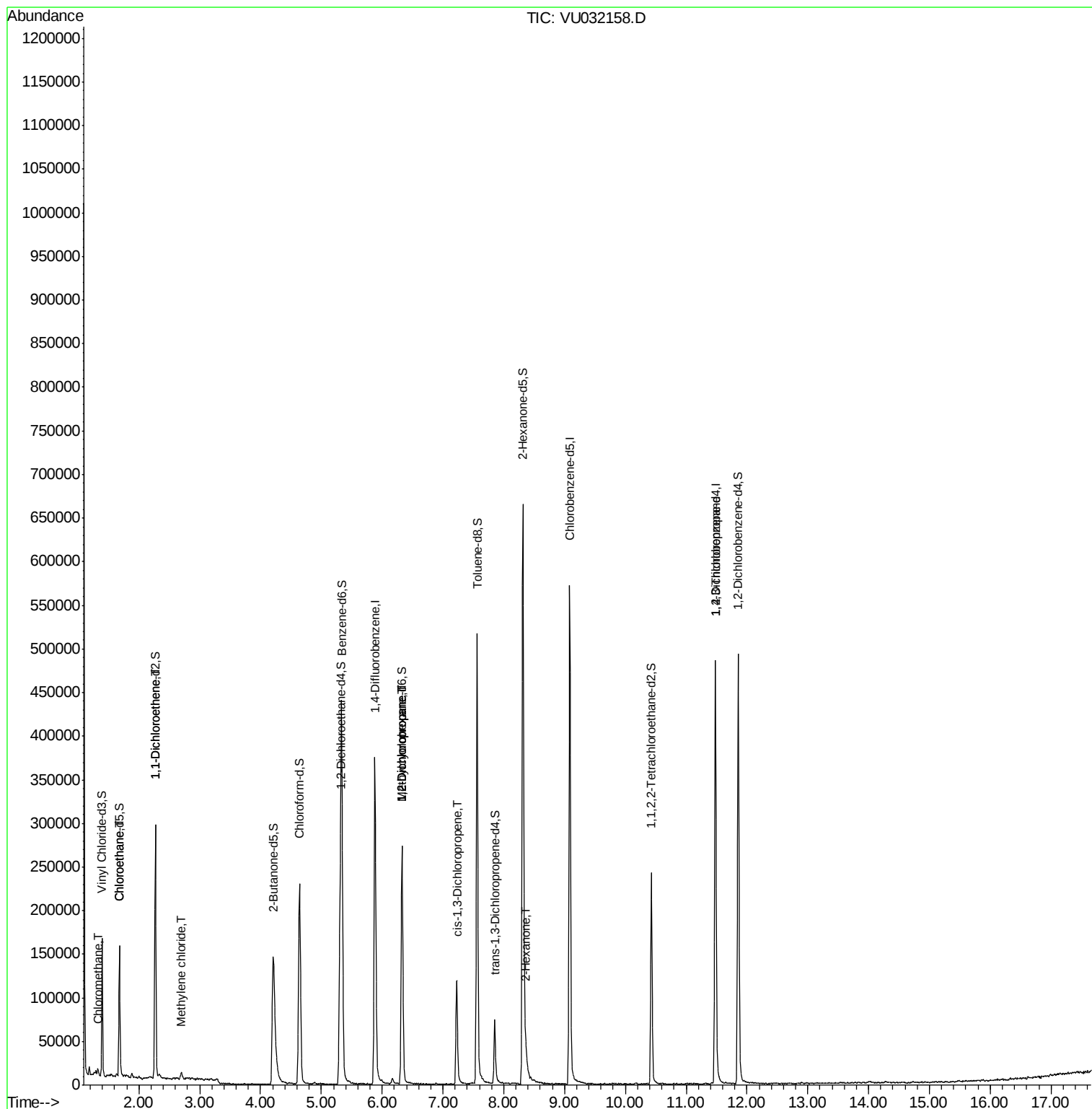
					Qvalue
3) Chloromethane	1.32	50	5305	0.317 ug/L #	82
8) Chloroethane	1.68	64	2007	0.184 ug/L #	53
12) 1,1-Dichloroethene	2.27	96	1931	0.138 ug/L #	1
16) Methylene chloride	2.70	84	4370	0.262 ug/L	86
35) Methylcyclohexane	6.33	83	34675	1.616 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14934	1.112 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2733	0.147 ug/L #	60
48) 2-Hexanone	8.36	43	11033	2.285 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	15549	1.823 ug/L	94

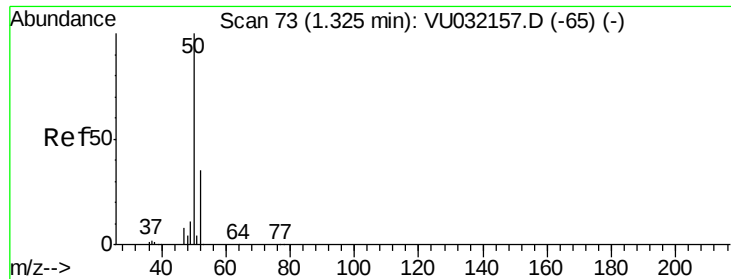
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.317 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032158.D

Acq: 20 May 2019 16:35

Instrument :

MSVOA_U

ClientSampleId :

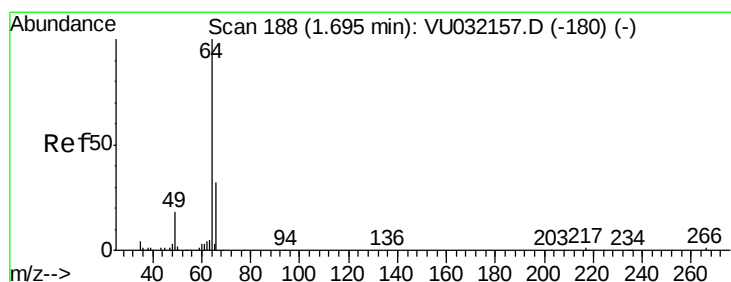
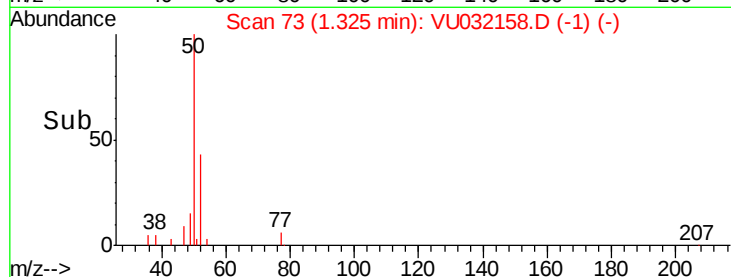
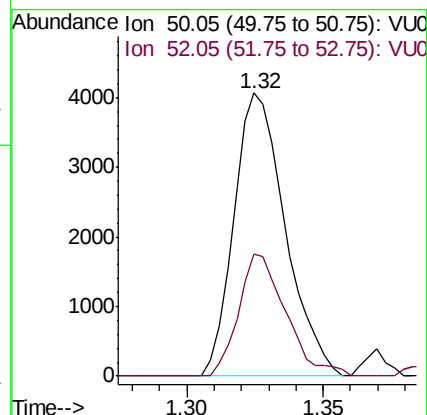
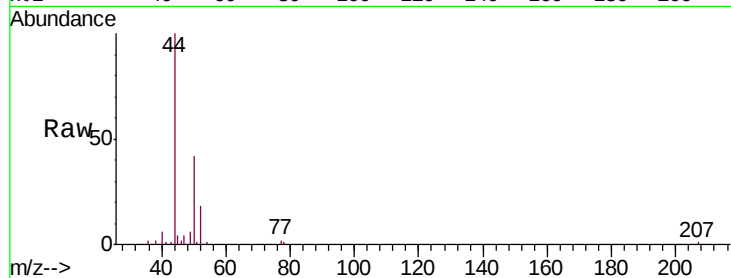
VBLK21

Tgt Ion: 50 Resp: 5305

Ion Ratio Lower Upper

50 100

52 43.3 23.2 43.0#



#8

Chloroethane

Concen: 0.184 ug/L

RT: 1.68 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU032158.D

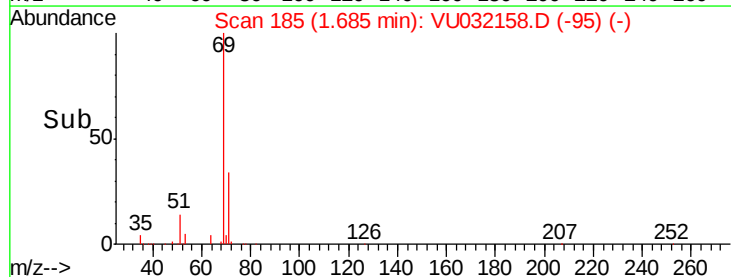
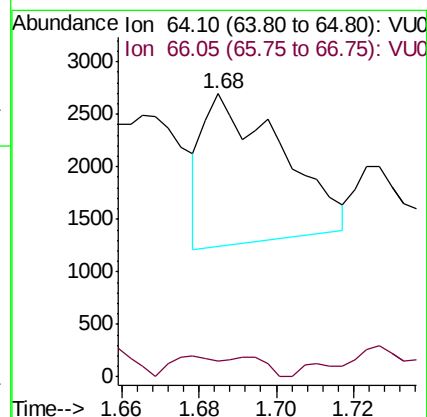
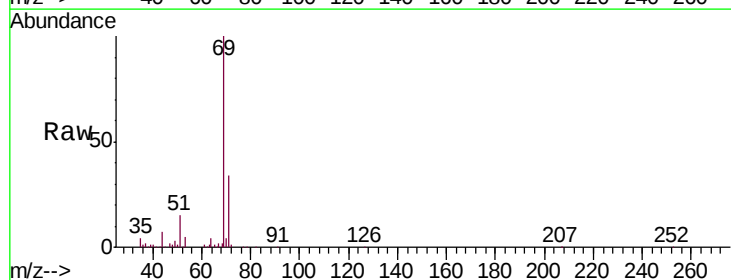
Acq: 20 May 2019 16:35

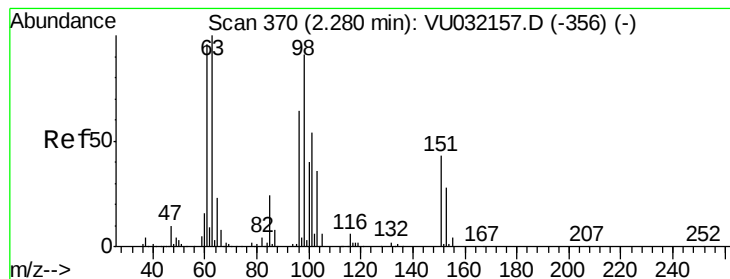
Tgt Ion: 64 Resp: 2007

Ion Ratio Lower Upper

64 100

66 5.6 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 0.138 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK21

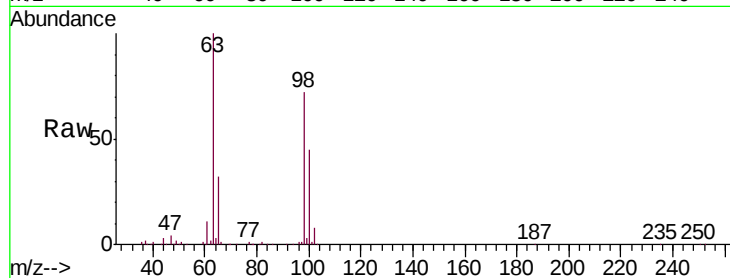
Tgt Ion: 96 Resp: 1931

Ion Ratio Lower Upper

96 100

61 1060.9 111.7 207.5#

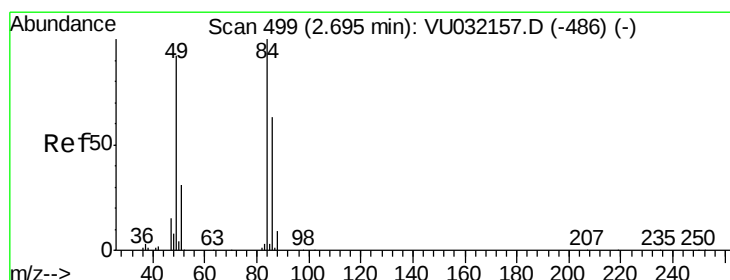
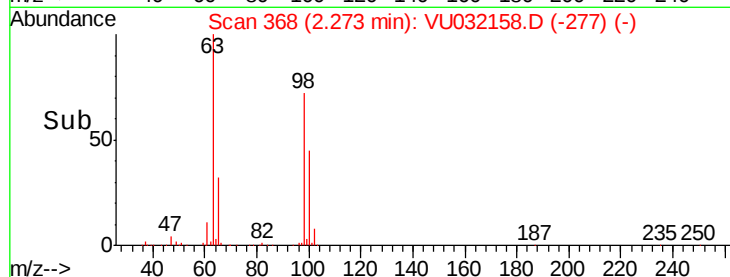
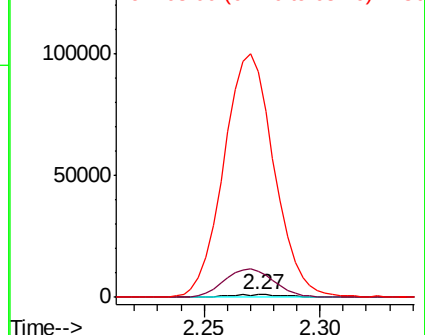
63 9292.2 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.262 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032158.D

Acq: 20 May 2019 16:35

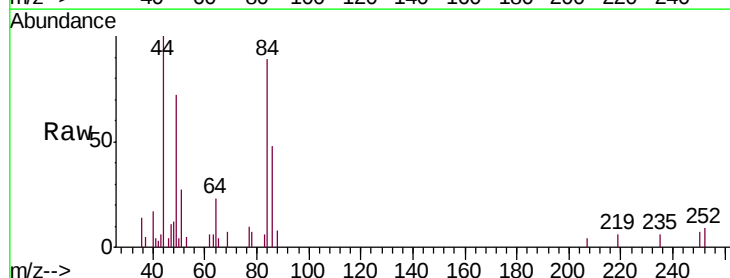
Tgt Ion: 84 Resp: 4370

Ion Ratio Lower Upper

84 100

86 53.6 43.1 80.1

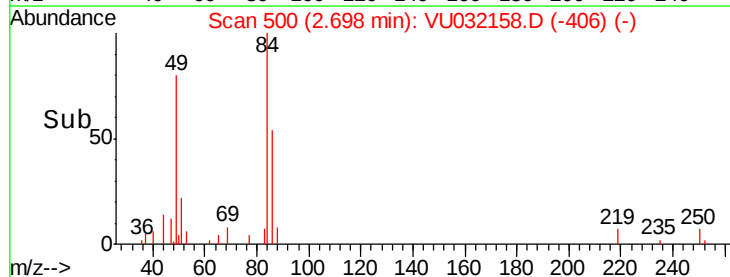
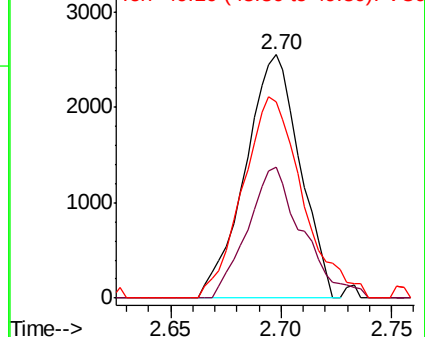
49 80.4 67.7 125.7

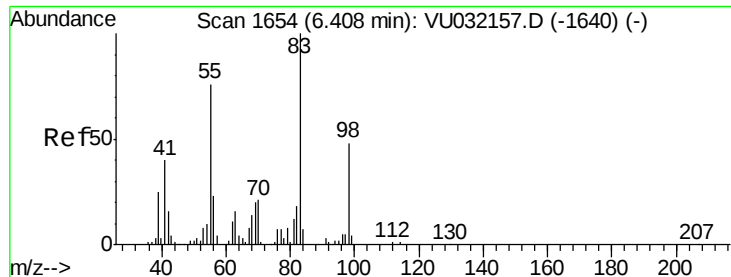


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

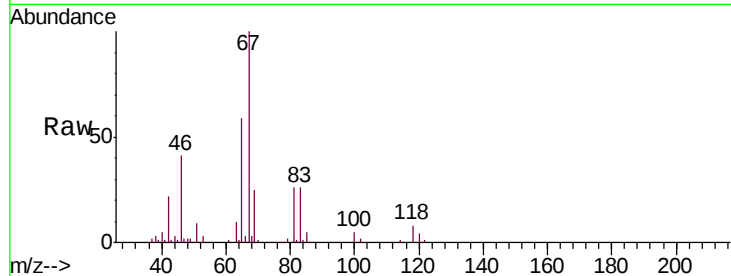




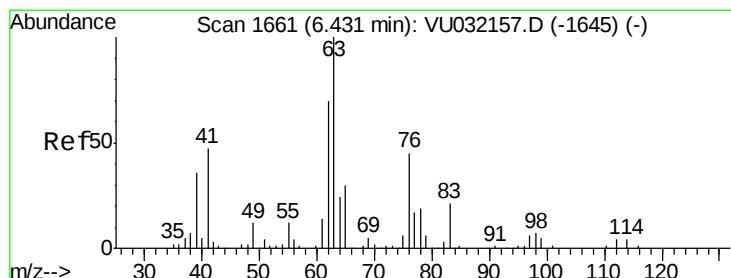
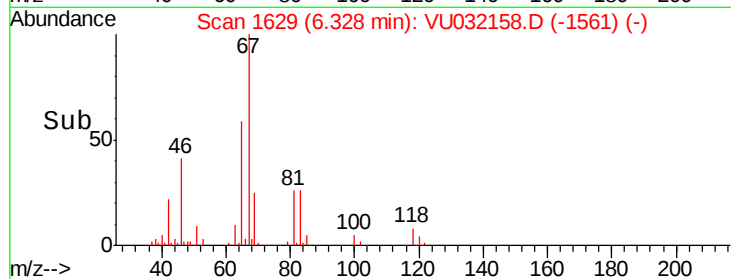
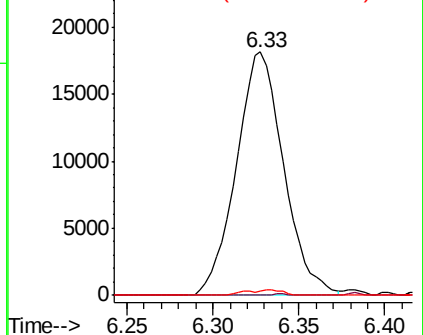
#35
Methylcyclohexane
Concen: 1.616 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032158.D
Acq: 20 May 2019 16:35

Instrument :
MSVOA_U
ClientSampleId :
VBLK21

Tgt Ion: 83 Resp: 34675
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.1 36.8 55.2#

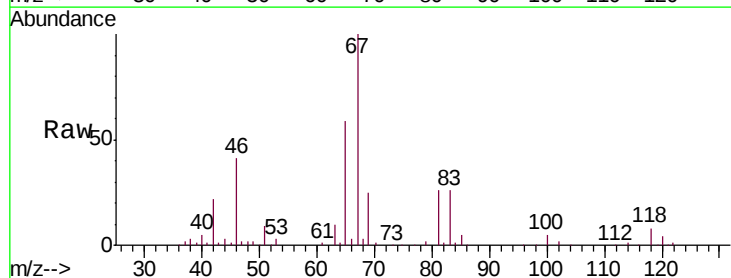


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

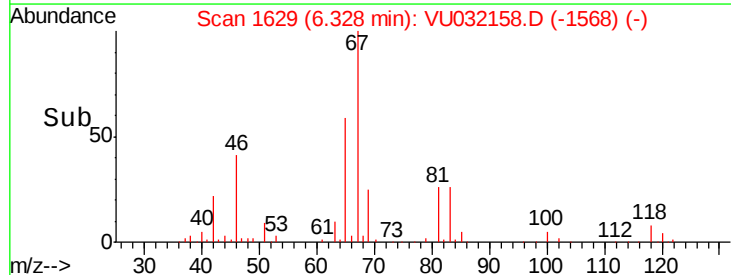
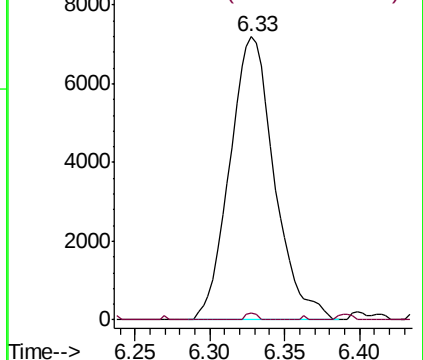


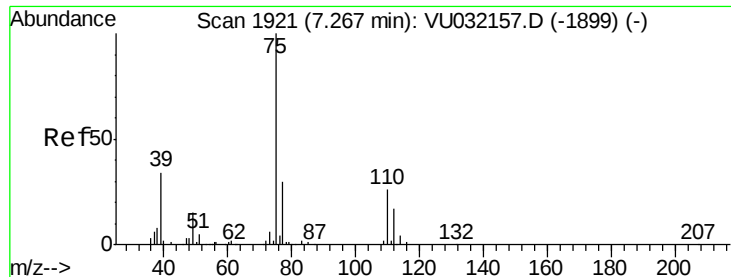
#37
1,2-Dichloropropane
Concen: 1.112 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032158.D
Acq: 20 May 2019 16:35

Tgt Ion: 63 Resp: 14934
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.147 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032158.D

Acq: 20 May 2019 16:35

Instrument :

MSVOA_U

ClientSampleId :

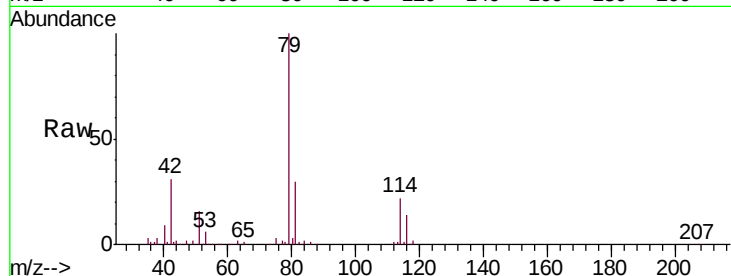
VBLK21

Tgt Ion: 75 Resp: 2733

Ion Ratio Lower Upper

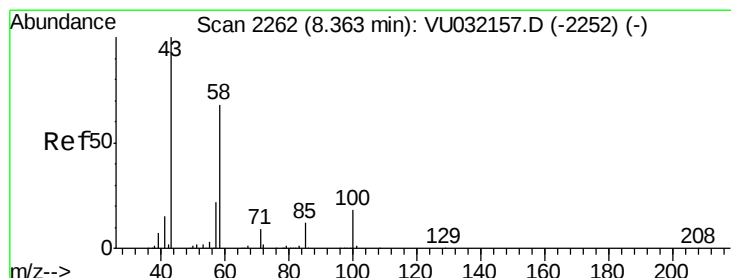
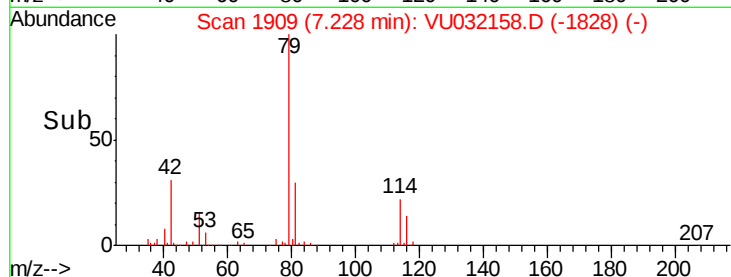
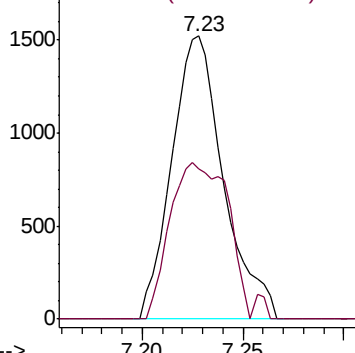
75 100

77 53.0 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.285 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU032158.D

Acq: 20 May 2019 16:35

Tgt Ion: 43 Resp: 11033

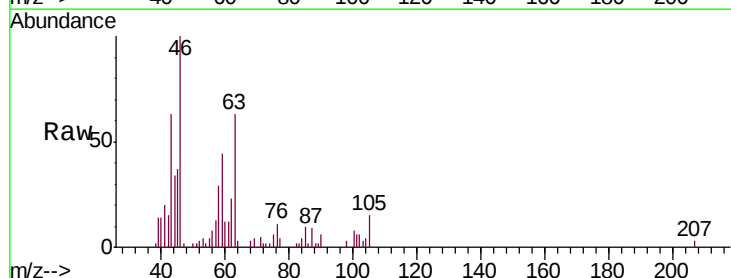
Ion Ratio Lower Upper

43 100

58 46.4 51.6 77.4#

57 7.2 18.4 27.6#

100 10.6 12.2 18.4#

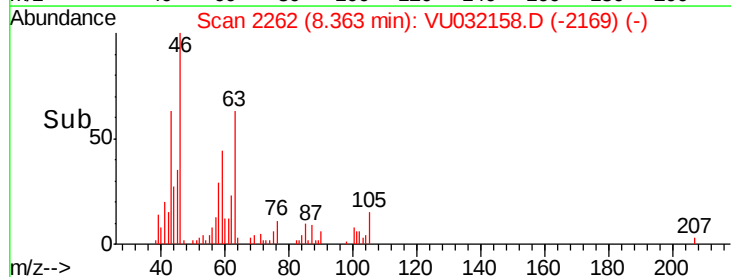
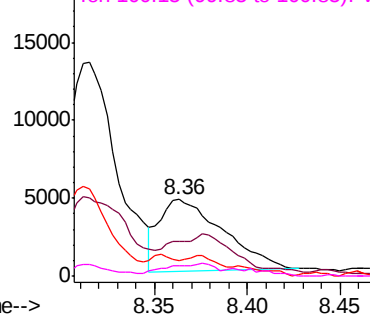


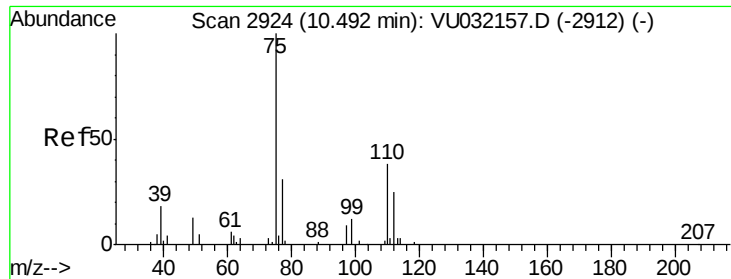
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.823 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032158.D

Acq: 20 May 2019 16:35

Instrument :

MSVOA_U

ClientSampleId :

VBLK21

Tgt Ion: 75 Resp: 15549

Ion Ratio Lower Upper

75 100

77 36.2 26.2 39.2

