

Data File : VU032101.D
Acq On : 17 May 2019 15:17
Operator : JC/SP
Sample : VU0517WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK18

Quant Time: May 18 04:12:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	359054	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	368007	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149578	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	124028	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.68	69	114294	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.27	63	170110	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.21	46	261687	44.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	4.64	84	244846	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.31	65	124803	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.33	84	489981	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.33	67	143099	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.56	98	405680	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.85	79	48486	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.31	63	233637	43.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119229	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	155108	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

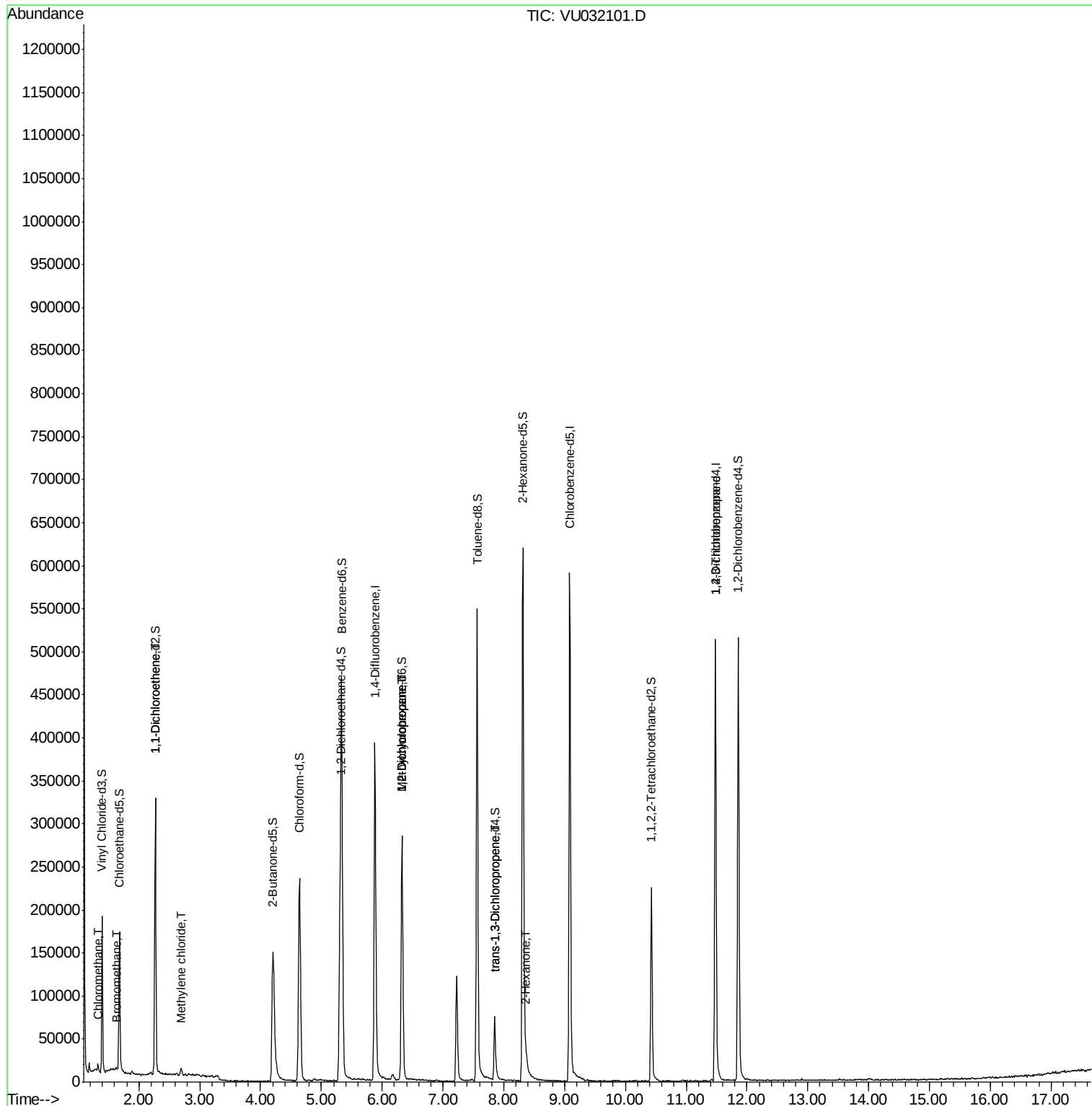
					Qvalue
3) Chloromethane	1.32	50	5586	0.324 ug/L	84
6) Bromomethane	1.63	94	1845	0.177 ug/L	89
12) 1,1-Dichloroethene	2.27	96	2137	0.148 ug/L #	1
16) Methylene chloride	2.70	84	3704	0.215 ug/L	99
35) Methylcyclohexane	6.32	83	35864	1.625 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	15096	1.093 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	2178	0.147 ug/L	99
48) 2-Hexanone	8.38	43	9278	1.868 ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	17057	1.944 ug/L	99

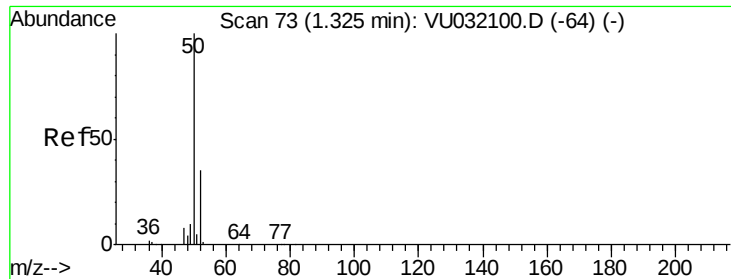
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.324 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032101.D

Acq: 17 May 2019 15:17

Instrument :

MSVOA_U

ClientSampled :

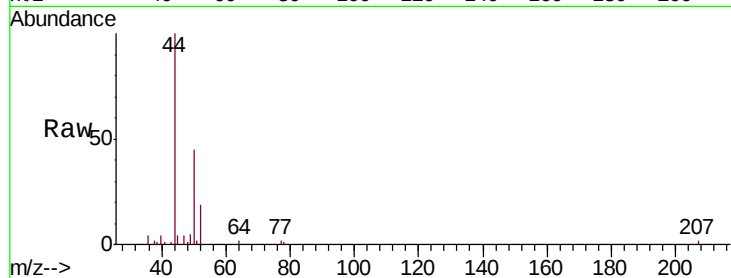
VBLK18

Tgt Ion: 50 Resp: 5586

Ion Ratio Lower Upper

50 100

52 42.1 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032101.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU032101.D (-64) (-)

1.32

5000

4000

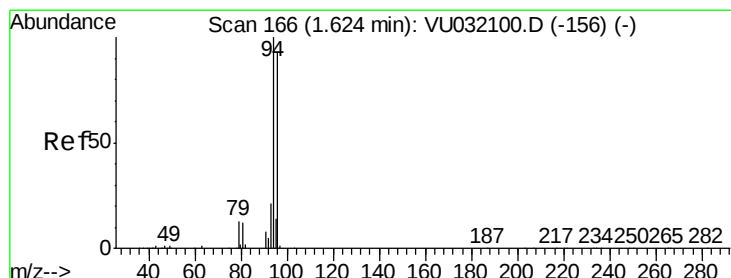
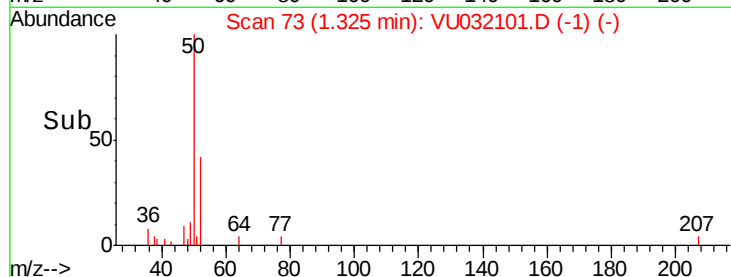
3000

2000

1000

0

Time-->



#6

Bromomethane

Concen: 0.177 ug/L

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU032101.D

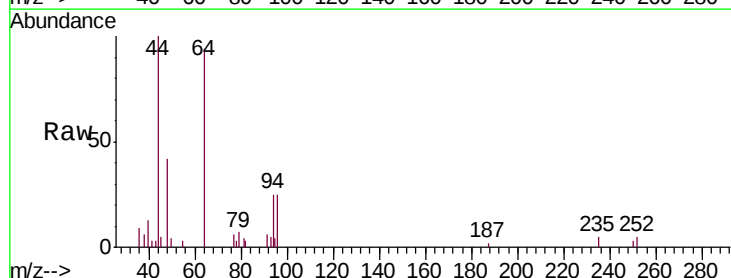
Acq: 17 May 2019 15:17

Tgt Ion: 94 Resp: 1845

Ion Ratio Lower Upper

94 100

96 100.7 63.3 117.7



Abundance Ion 94.00 (93.70 to 94.70): VU032101.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU032101.D (-156) (-)

1.63

1200

1000

800

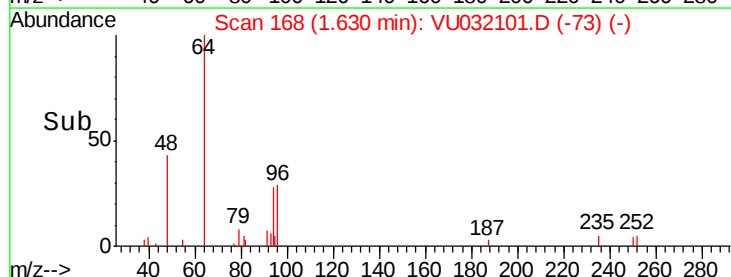
600

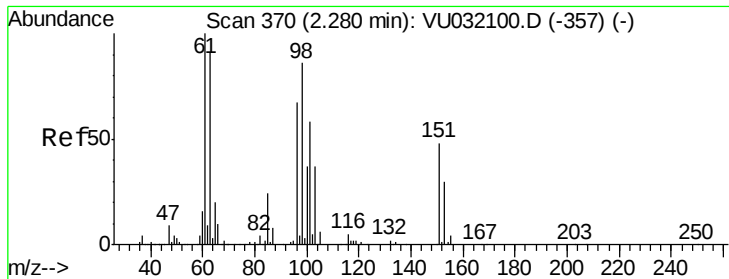
400

200

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.148 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032101.D

Acq: 17 May 2019 15:17

Instrument :

MSVOA_U

ClientSampled :

VBLK18

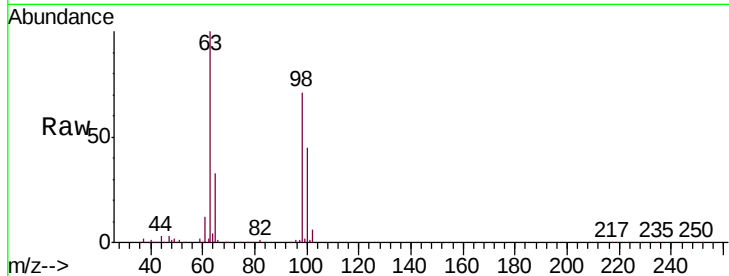
Tgt Ion: 96 Resp: 2137

Ion Ratio Lower Upper

96 100

61 1138.7 111.7 207.5#

63 9770.2 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032101.D (-366) (-)

Ion 61.05 (60.75 to 61.75): VU032101.D (-366) (-)

Ion 63.00 (62.70 to 63.70): VU032101.D (-366) (-)

150000

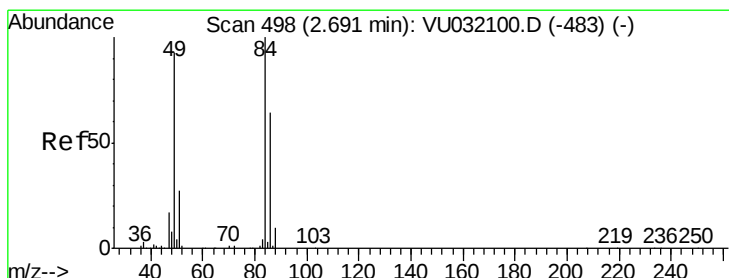
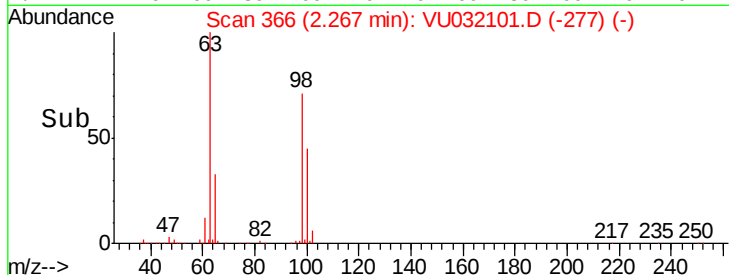
100000

50000

0

2.20 2.25 2.30

Time-->



#16

Methylene chloride

Concen: 0.215 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.01 min

Lab File: VU032101.D

Acq: 17 May 2019 15:17

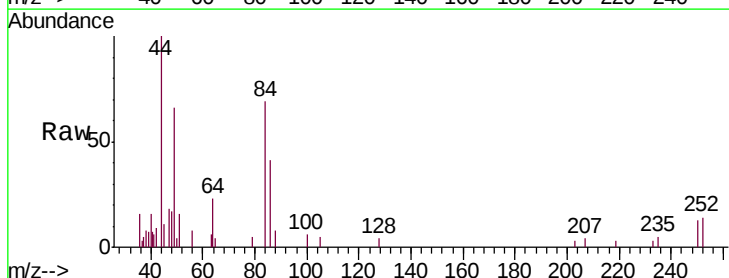
Tgt Ion: 84 Resp: 3704

Ion Ratio Lower Upper

84 100

86 59.9 43.1 80.1

49 96.0 67.7 125.7



Abundance Ion 84.05 (83.75 to 84.75): VU032101.D (-500) (-)

Ion 86.00 (85.70 to 86.70): VU032101.D (-500) (-)

Ion 49.10 (48.80 to 49.80): VU032101.D (-500) (-)

2500

2000

1500

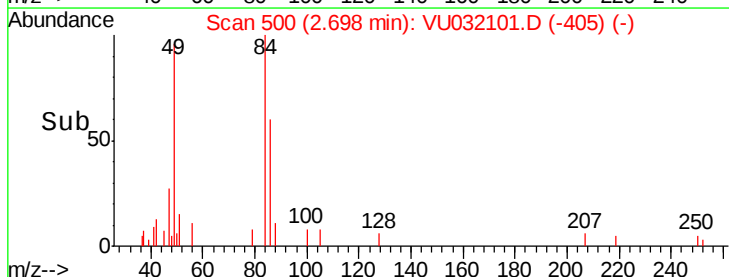
1000

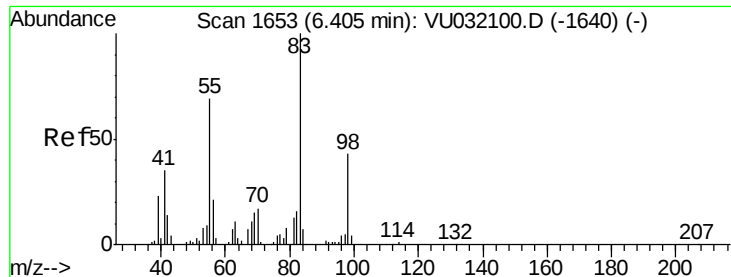
500

0

2.65 2.70

Time-->

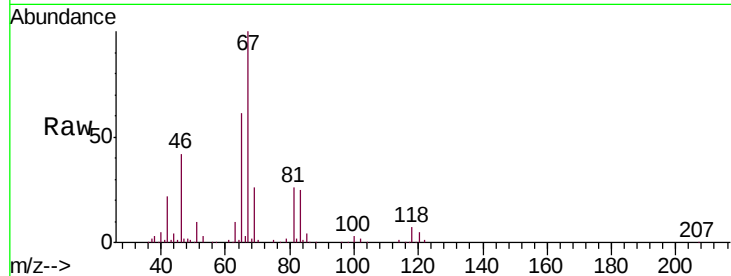




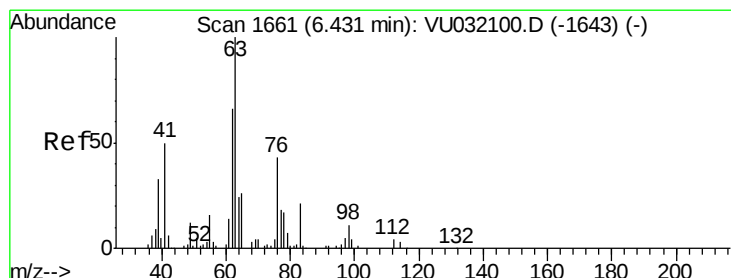
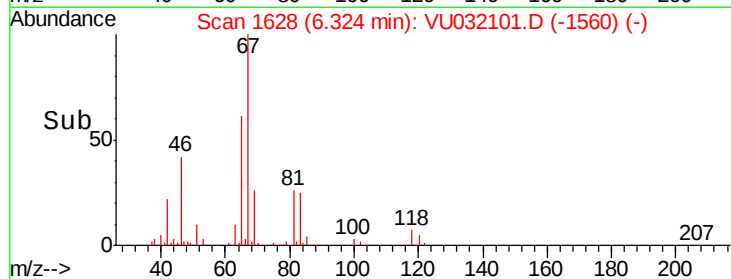
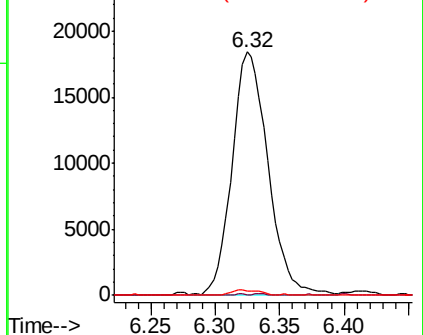
#35
Methylcyclohexane
Concen: 1.625 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032101.D
Acq: 17 May 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
VBLK18

Tgt Ion: 83 Resp: 35864
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.0 36.8 55.2#

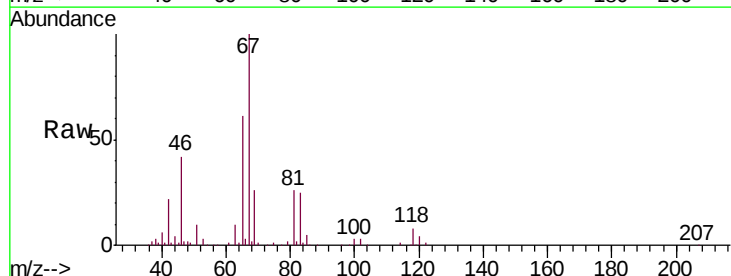


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

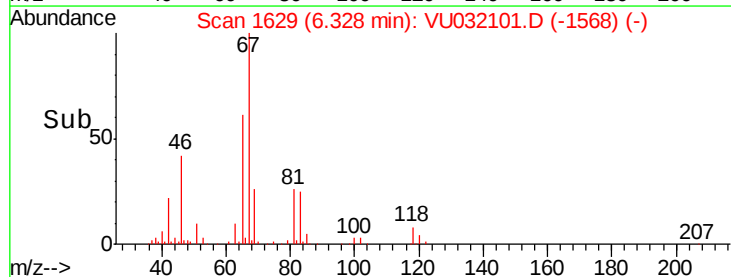
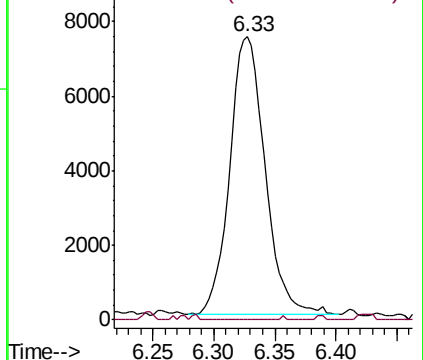


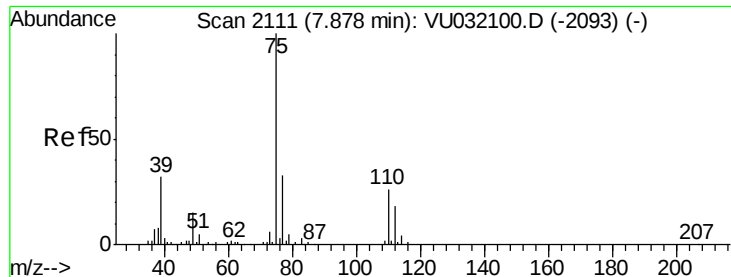
#37
1,2-Dichloropropane
Concen: 1.093 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032101.D
Acq: 17 May 2019 15:17

Tgt Ion: 63 Resp: 15096
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#



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

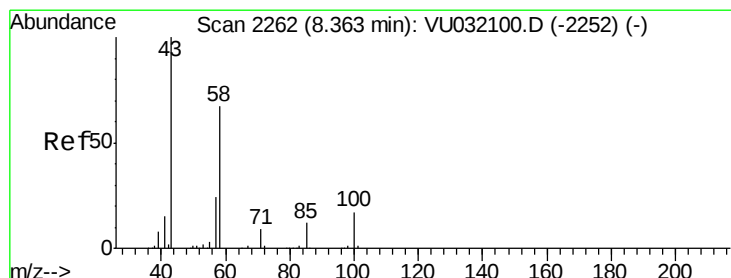
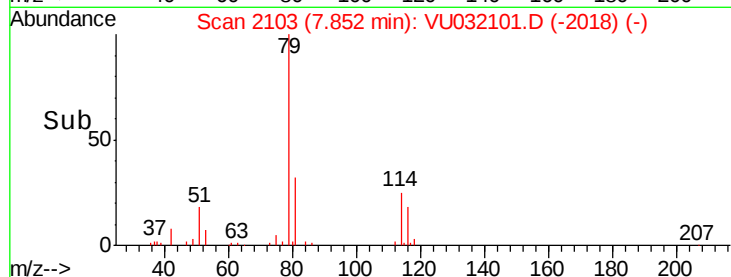
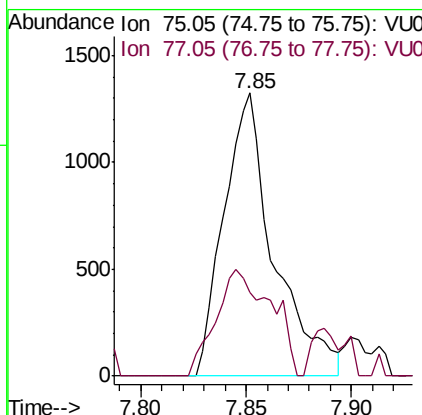
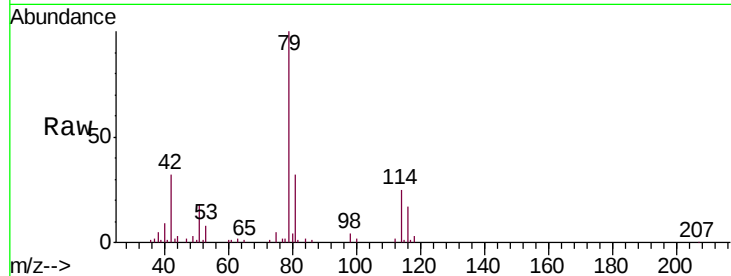




#44
 trans-1,3-Dichloropropene
 Concen: 0.147 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: VU032101.D
 Acq: 17 May 2019 15:17

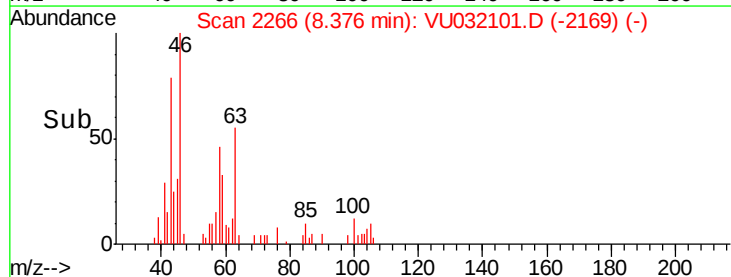
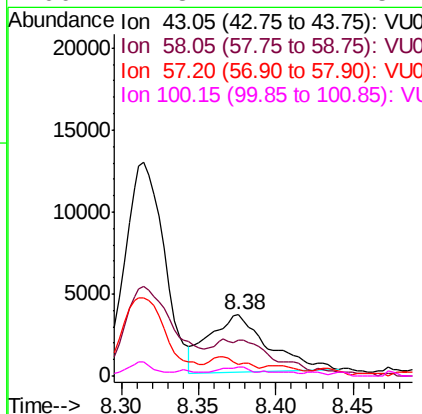
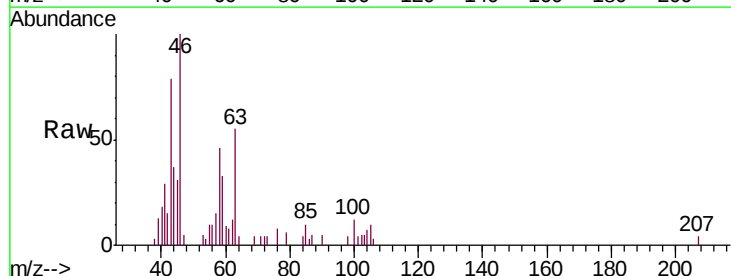
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK18

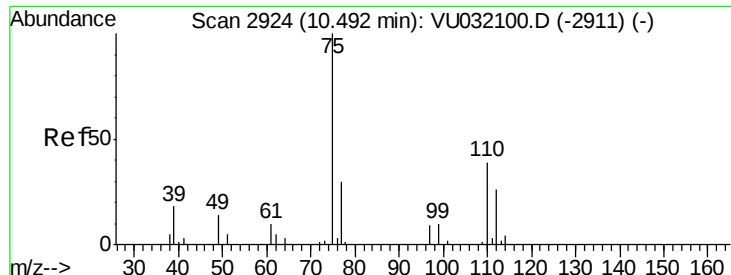
Tgt Ion: 75 Resp: 2178
 Ion Ratio Lower Upper
 75 100
 77 29.6 21.0 39.0



#48
 2-Hexanone
 Concen: 1.868 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: VU032101.D
 Acq: 17 May 2019 15:17

Tgt Ion: 43 Resp: 9278
 Ion Ratio Lower Upper
 43 100
 58 4.7 51.6 77.4#
 57 19.9 18.4 27.6
 100 4.8 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.944 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032101.D

Acq: 17 May 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

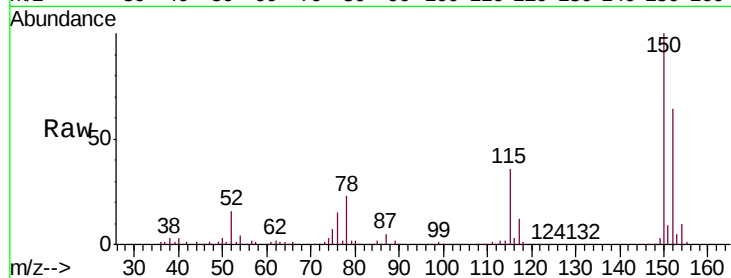
VBLK18

Tgt Ion: 75 Resp: 17057

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

