

Data File : VU032073.D
Acq On : 17 May 2019 01:14
Operator : JC/SP
Sample : K2850-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W15

Quant Time: May 17 07:24:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	389862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	400878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153202	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147110	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.68	69	127753	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	209465	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.20	46	268720	41.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.36%
24) Chloroform-d	4.64	84	263342	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.31	65	134232	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.33	84	536580	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.33	67	155588	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.56	98	450501	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	52509	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.31	63	233762	40.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122181	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	159137	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

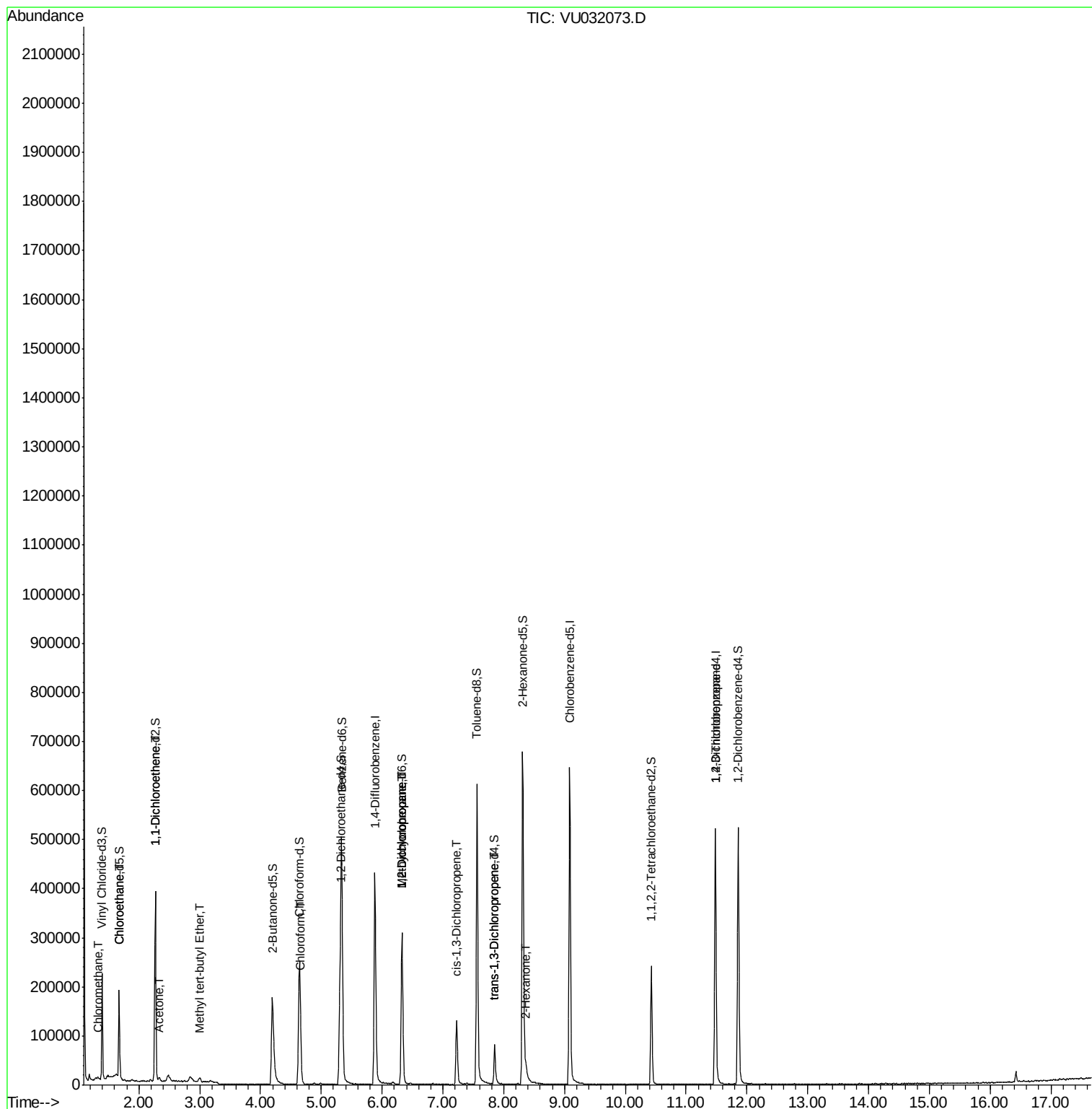
					Qvalue
3) Chloromethane	1.32	50	3040	0.162 ug/L	91
8) Chloroethane	1.68	64	1374	0.113 ug/L	84
12) 1,1-Dichloroethene	2.27	96	2068	0.132 ug/L #	1
13) Acetone	2.33	43	4263	2.014 ug/L	74
17) Methyl tert-butyl Ether	3.00	73	8132	0.221 ug/L	98
25) Chloroform	4.67	83	8226	0.289 ug/L	94
35) Methylcyclohexane	6.32	83	38064	1.583 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	15820	1.051 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3124	0.150 ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1820	0.112 ug/L #	23
48) 2-Hexanone	8.37	43	8026	1.483 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	16302	1.705 ug/L #	87

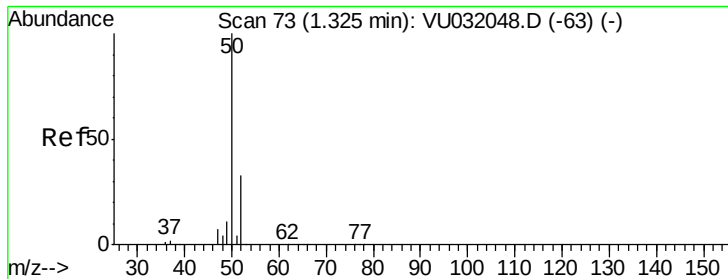
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.162 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032073.D

Acq: 17 May 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

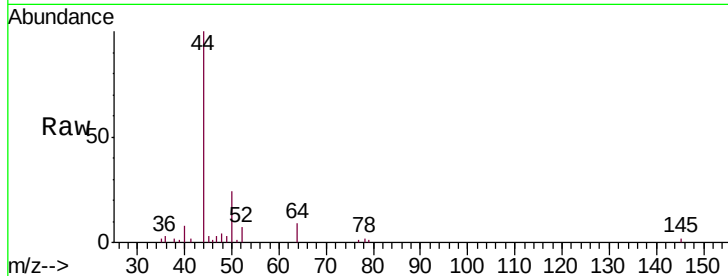
F9W15

Tgt Ion: 50 Resp: 3040

Ion Ratio Lower Upper

50 100

52 27.8 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032048.D (-63) (-)

Ion 52.05 (51.75 to 52.75): VU032048.D (-63) (-)

1.32

2500

2000

1500

1000

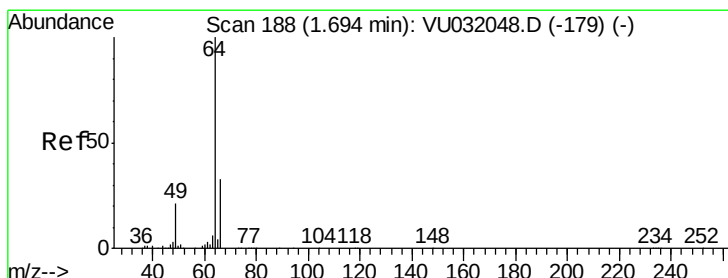
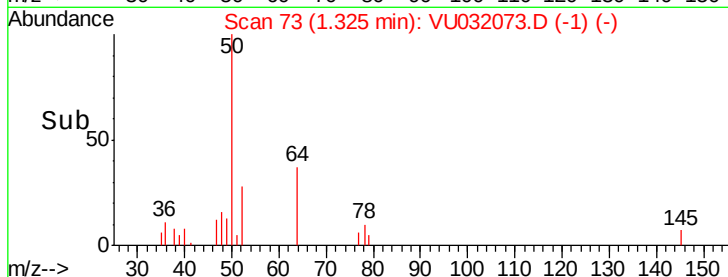
500

0

1.30

1.35

Time-->



#8

Chloroethane

Concen: 0.113 ug/L

RT: 1.68 min Scan# 183

Delta R.T. -0.02 min

Lab File: VU032073.D

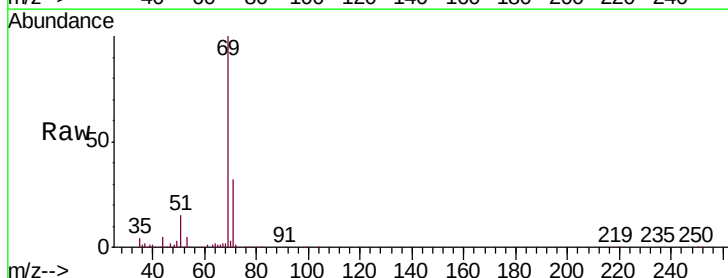
Acq: 17 May 2019 01:14

Tgt Ion: 64 Resp: 1374

Ion Ratio Lower Upper

64 100

66 22.4 22.0 41.0



Abundance Ion 64.10 (63.80 to 64.80): VU032048.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU032048.D (-179) (-)

1.68

3000

2500

2000

1500

1000

500

0

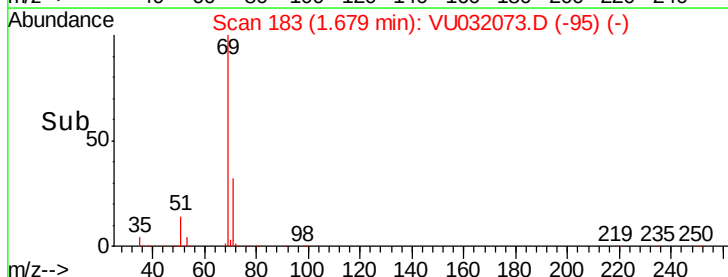
1.66

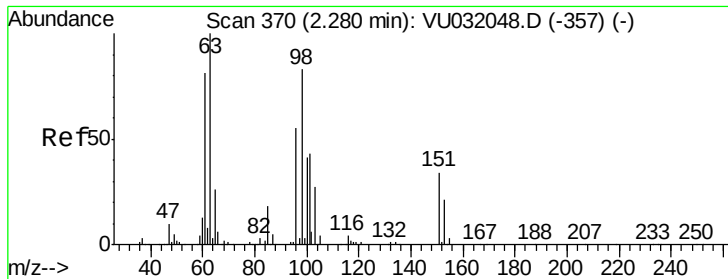
1.68

1.70

1.72

Time-->





#12

1,1-Dichloroethene

Concen: 0.132 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032073.D

Acq: 17 May 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

F9W15

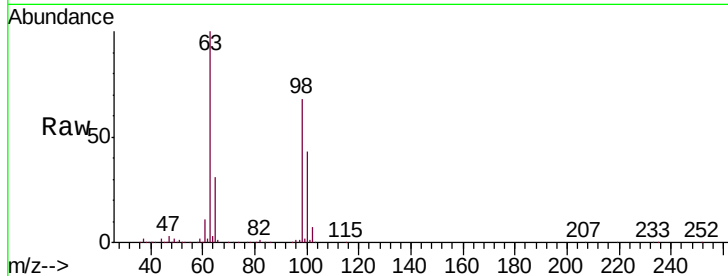
Tgt Ion: 96 Resp: 2068

Ion Ratio Lower Upper

96 100

61 1151.6 111.7 207.5#

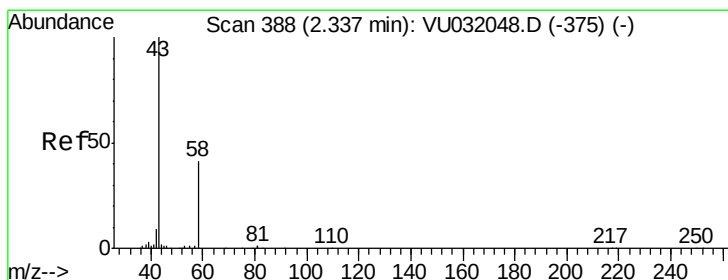
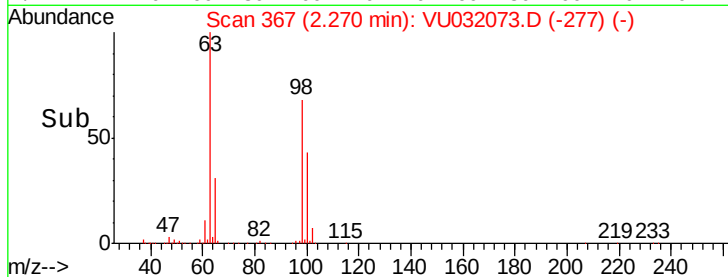
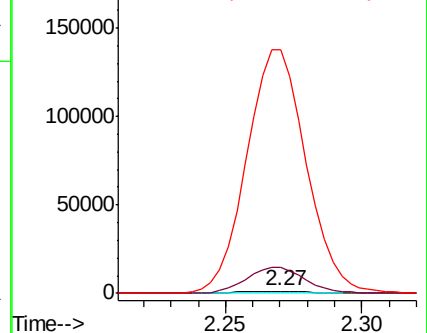
63 10901.8 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032073.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032073.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032073.D (-277) (-)



#13

Acetone

Concen: 2.014 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU032073.D

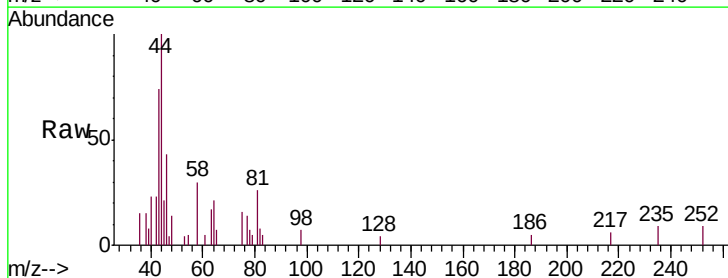
Acq: 17 May 2019 01:14

Tgt Ion: 43 Resp: 4263

Ion Ratio Lower Upper

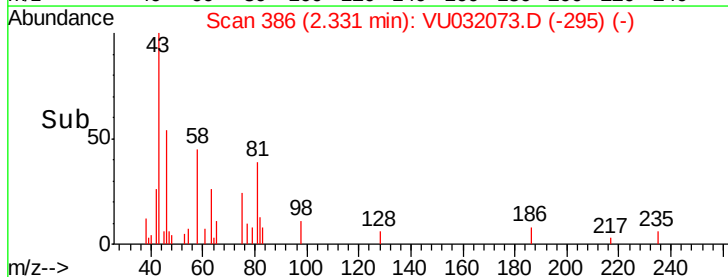
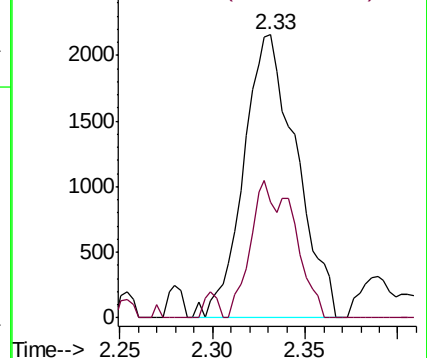
43 100

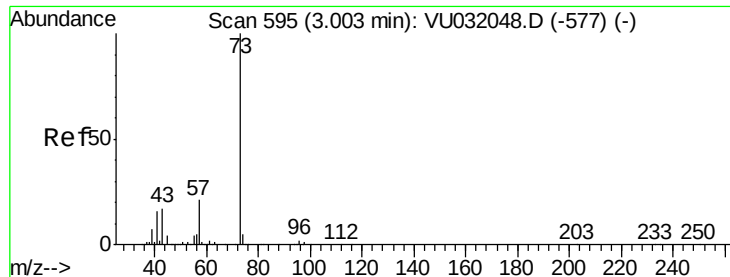
58 23.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032073.D (-295) (-)

Ion 58.05 (57.75 to 58.75): VU032073.D (-295) (-)

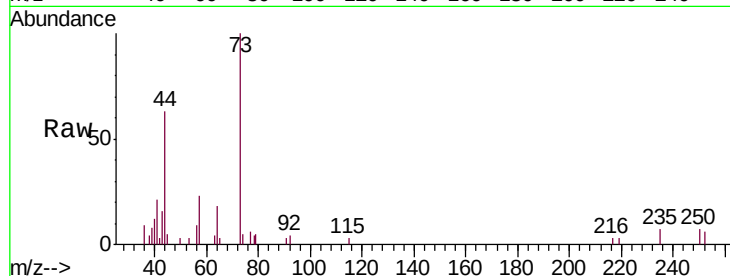




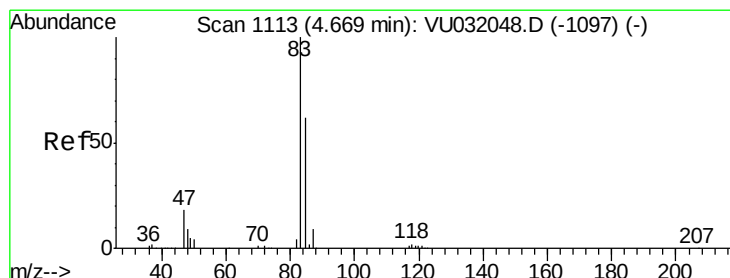
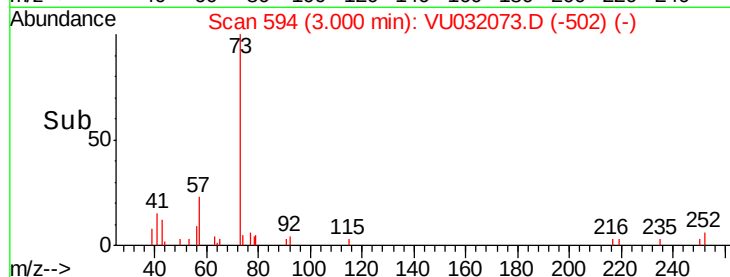
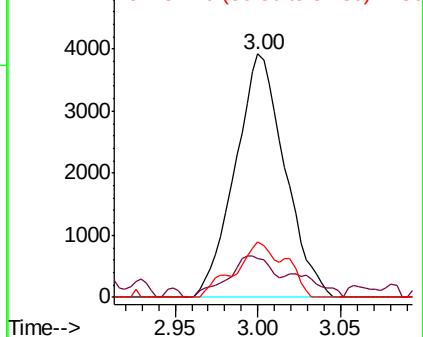
#17
Methyl tert-butyl Ether
Concen: 0.221 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU032073.D
Acq: 17 May 2019 01:14

Instrument :
MSVOA_U
ClientSampleId :
F9W15

Tgt Ion: 73 Resp: 8132
Ion Ratio Lower Upper
73 100
43 15.1 13.0 19.6
57 23.0 17.9 26.9

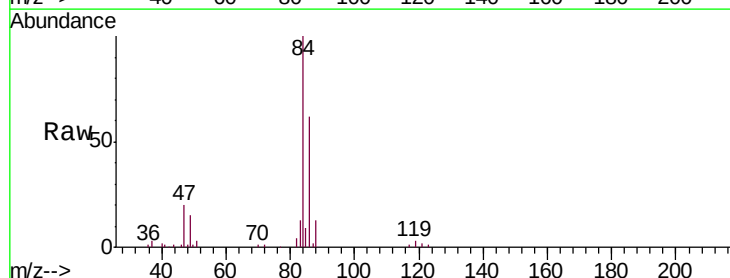


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

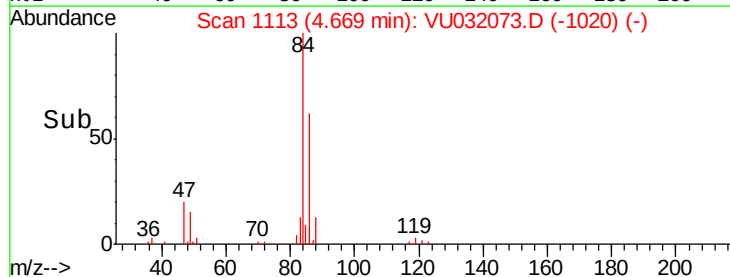
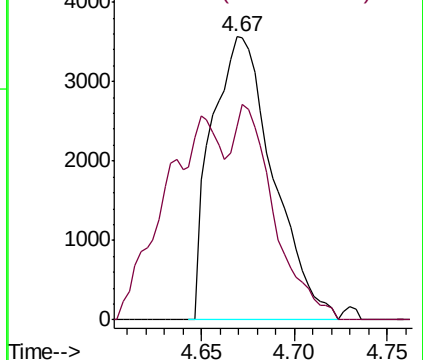


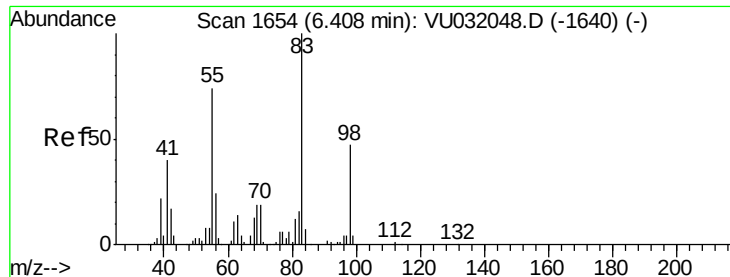
#25
Chloroform
Concen: 0.289 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032073.D
Acq: 17 May 2019 01:14

Tgt Ion: 83 Resp: 8226
Ion Ratio Lower Upper
83 100
85 68.6 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

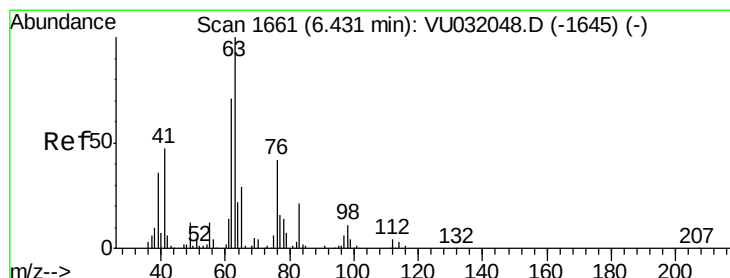
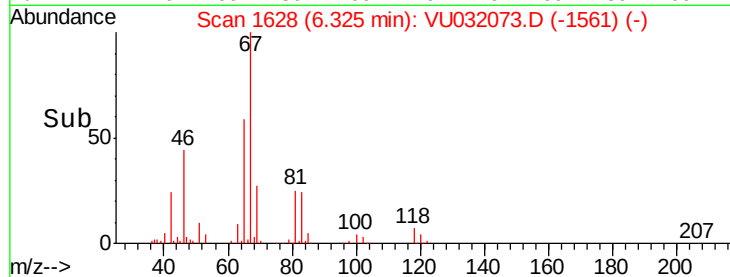
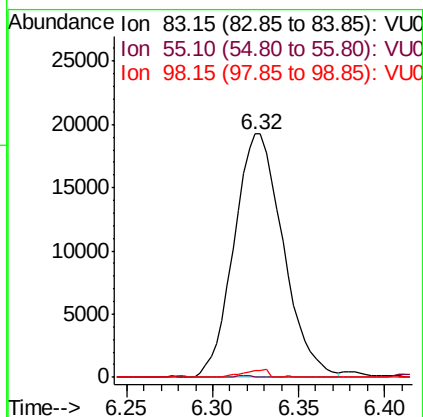
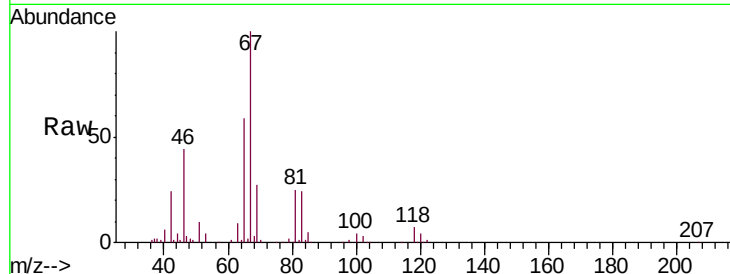




#35
Methylcyclohexane
Concen: 1.583 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032073.D
Acq: 17 May 2019 01:14

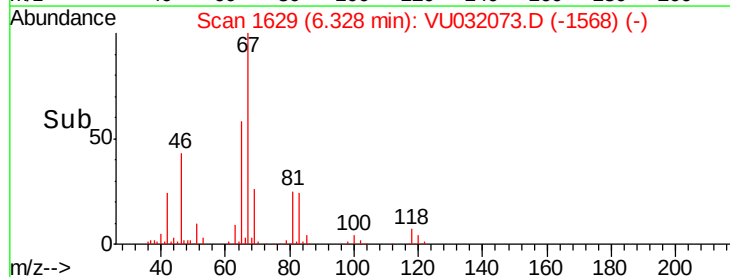
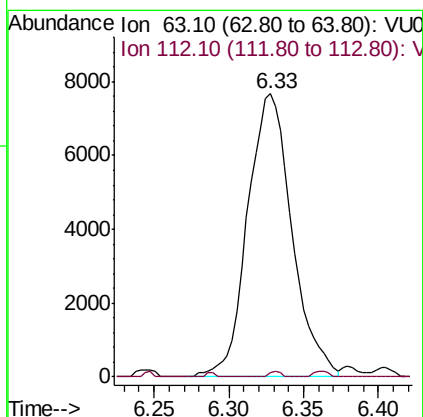
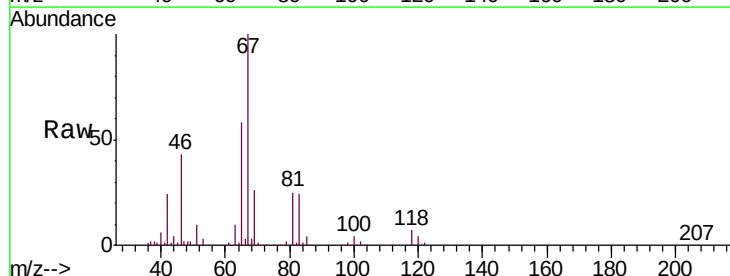
Instrument :
MSVOA_U
ClientSampleId :
F9W15

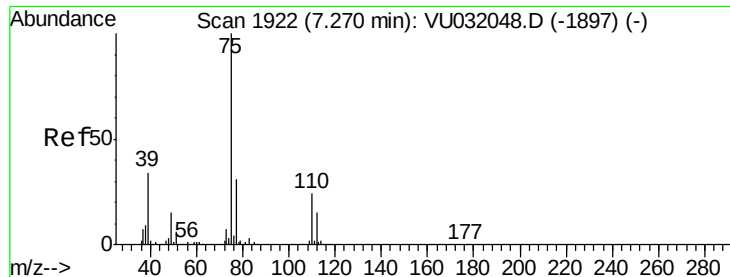
Tgt Ion: 83 Resp: 38064
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.5 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.051 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032073.D
Acq: 17 May 2019 01:14

Tgt Ion: 63 Resp: 15820
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.150 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.05 min

Lab File: VU032073.D

Acq: 17 May 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

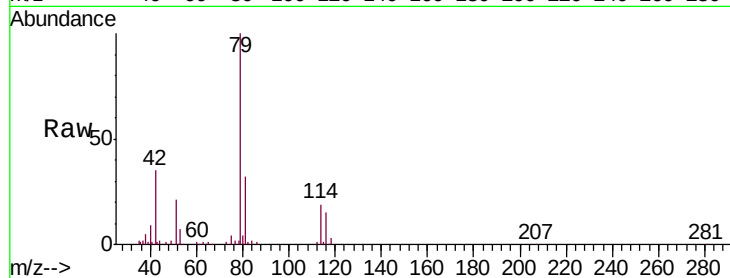
F9W15

Tgt Ion: 75 Resp: 3124

Ion Ratio Lower Upper

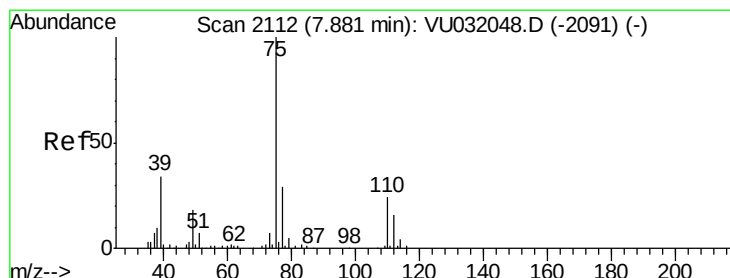
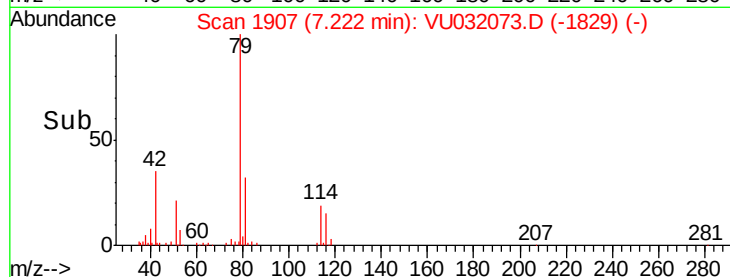
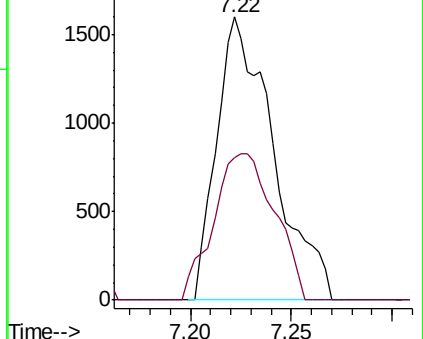
75 100

77 50.5 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032073.D

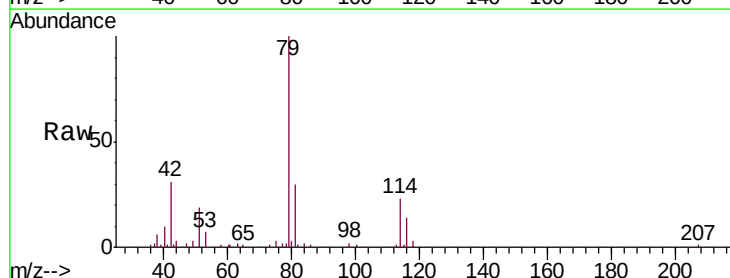
Acq: 17 May 2019 01:14

Tgt Ion: 75 Resp: 1820

Ion Ratio Lower Upper

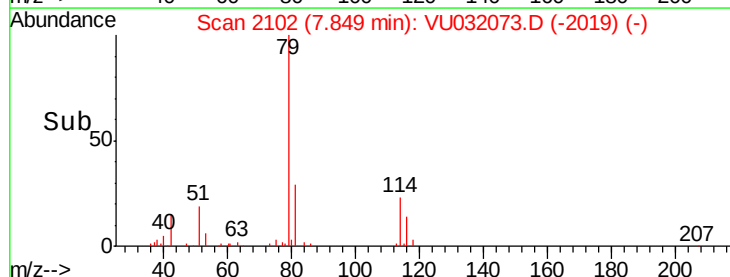
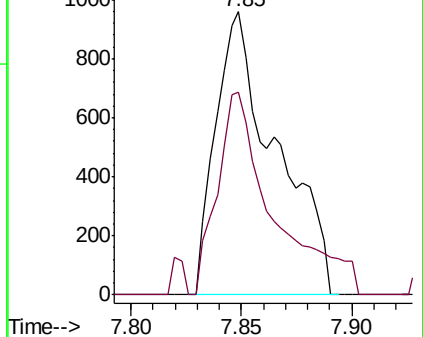
75 100

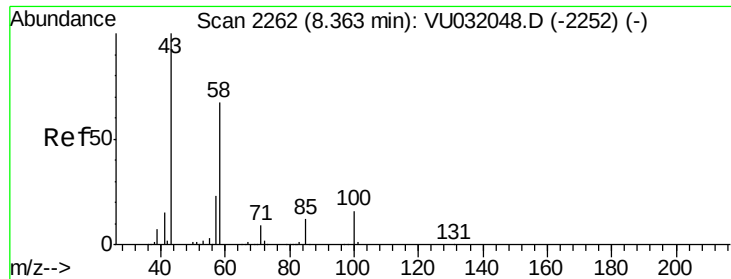
77 71.5 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

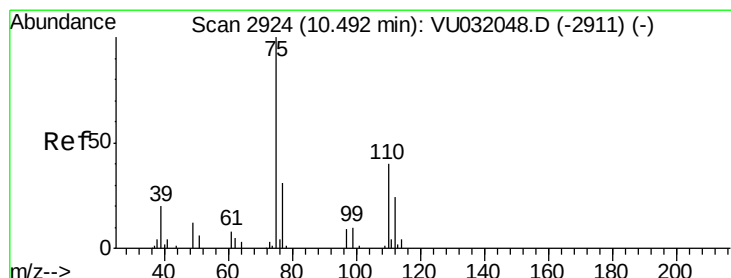
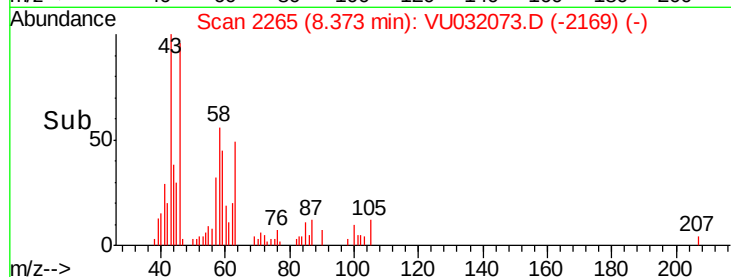
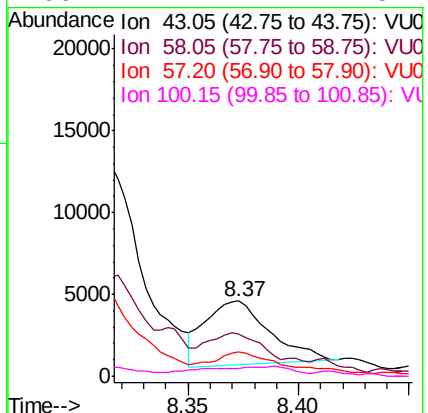
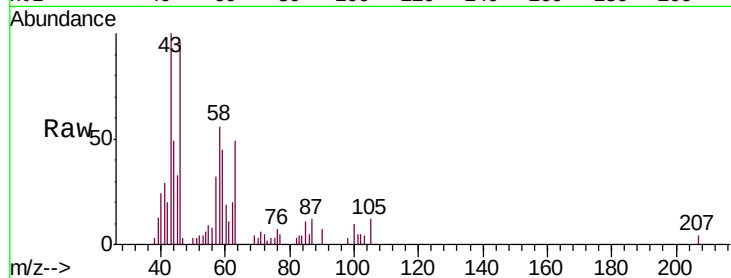




#48
 2-Hexanone
 Concen: 1.483 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU032073.D
 Acq: 17 May 2019 01:14

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W15

Tgt Ion: 43 Resp: 8026
 Ion Ratio Lower Upper
 43 100
 58 62.0 51.6 77.4
 57 36.2 18.4 27.6#
 100 21.4 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.705 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032073.D
 Acq: 17 May 2019 01:14

Tgt Ion: 75 Resp: 16302
 Ion Ratio Lower Upper
 75 100
 77 40.2 26.2 39.2#

