

Data File : VU032623.D
Acq On : 11 Jun 2019 20:24
Operator : JC/SP
Sample : K3293-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q5

Quant Time: Jun 12 07:33:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	167901	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79547	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43442	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.76%
7) Chloroethane-d5	1.68	69	38180	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.24%
11) 1,1-Dichloroethene-d2	2.27	63	68005	31.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.76%
21) 2-Butanone-d5	4.17	46	95283	104.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.52%
24) Chloroform-d	4.64	84	98030	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.31	65	65961	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
32) Benzene-d6	5.33	84	191849	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
36) 1,2-Dichloropropane-d6	6.32	67	63150	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.56	98	174313	44.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.98%
43) trans-1,3-Dichloropropene-	7.85	79	27734	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.46%
47) 2-Hexanone-d5	8.31	63	54614	87.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96752	52.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	76799	50.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.82%

Target Compounds

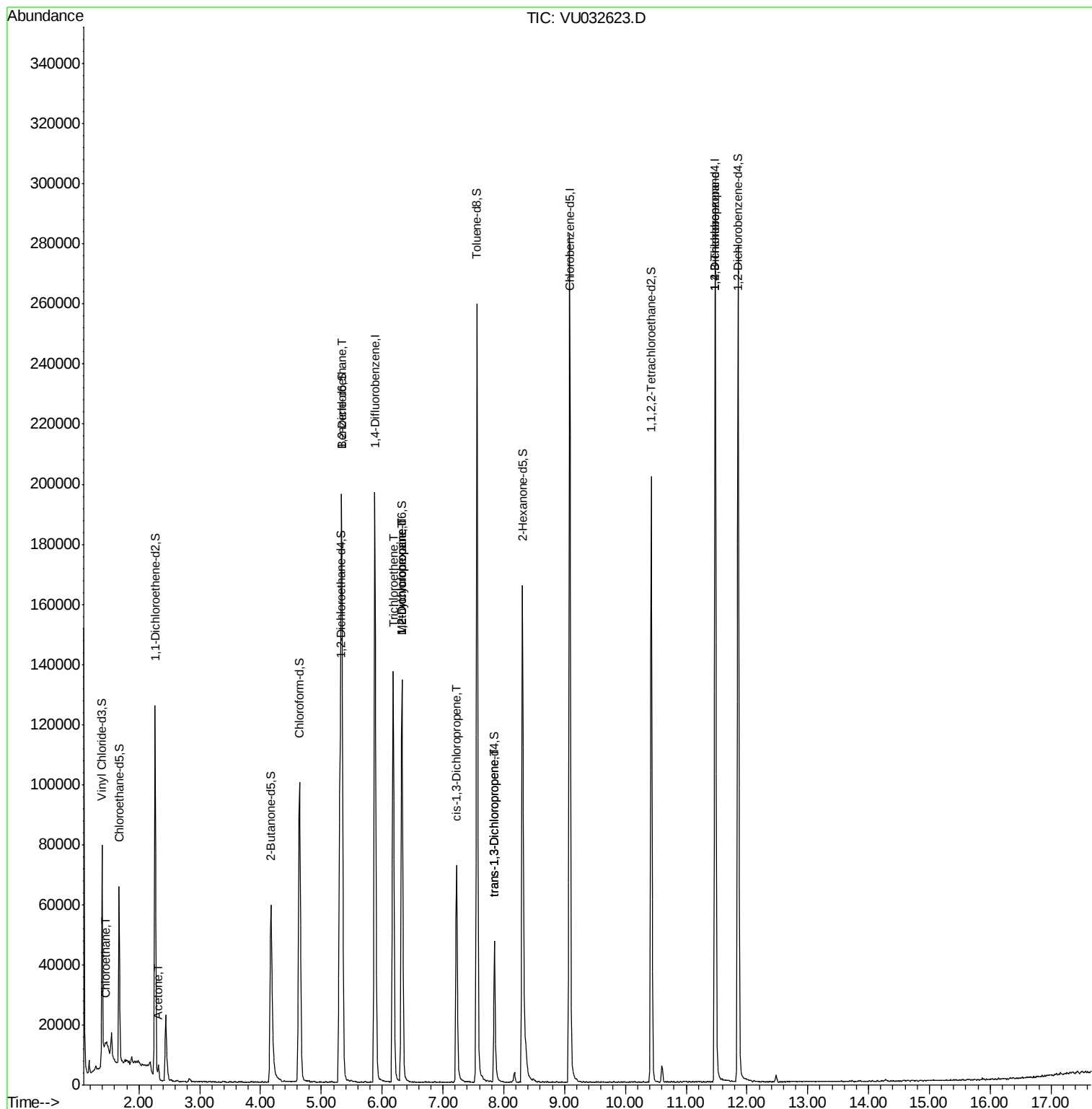
					Qvalue
8) Chloroethane	1.45	64	3064	3.528 ug/L #	50
13) Acetone	2.32	43	4698	4.995 ug/L	100
27) 1,2-Dichloroethane	5.34	62	1042	0.649 ug/L #	75
34) Trichloroethene	6.18	95	46237	38.428 ug/L	100
35) Methylcyclohexane	6.33	83	14361	7.373 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7131	6.083 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2146	1.160 ug/L #	80
44) trans-1,3-Dichloropropene	7.85	75	1362	0.830 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	9153	6.006 ug/L #	88

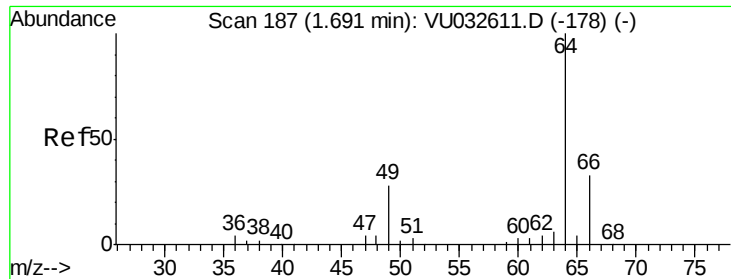
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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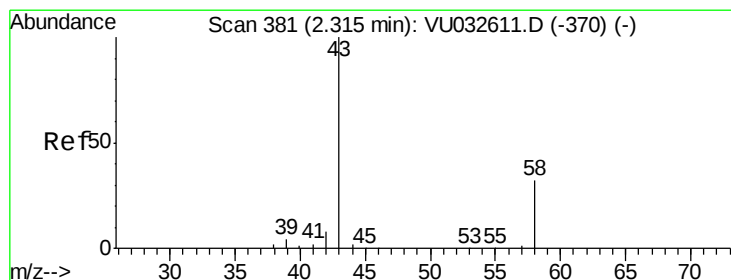
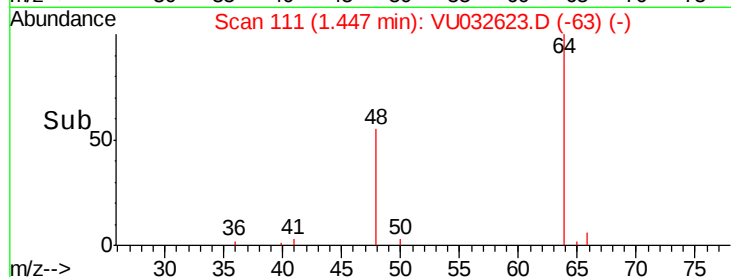
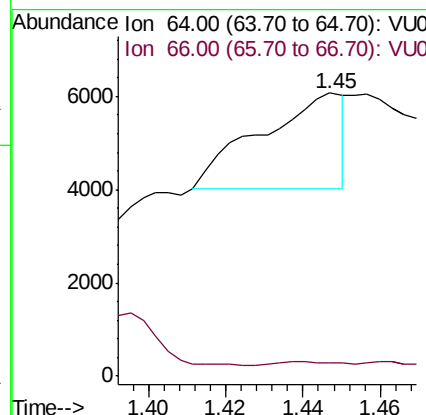
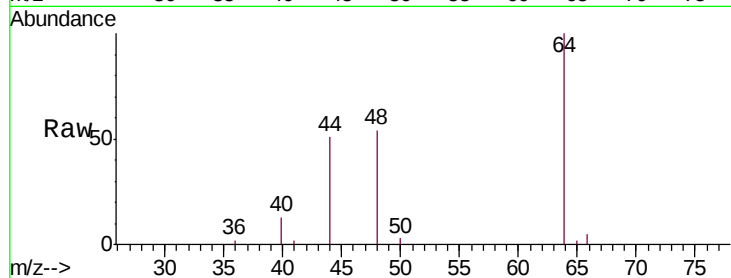




#8
 Chloroethane
 Concen: 3.528 ug/L
 RT: 1.45 min Scan# 111
 Delta R.T. -0.24 min
 Lab File: VU032623.D
 Acq: 11 Jun 2019 20:24

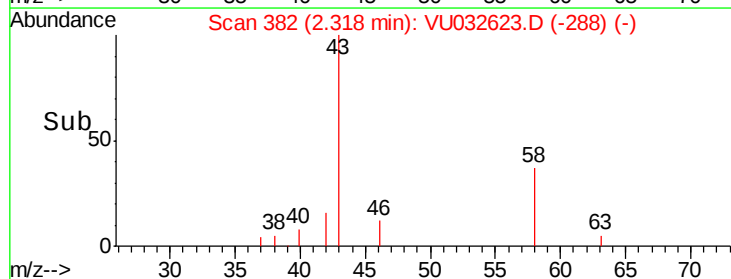
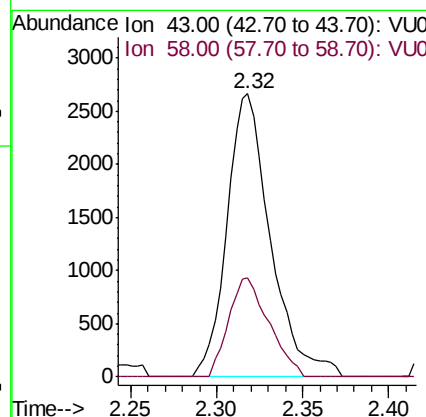
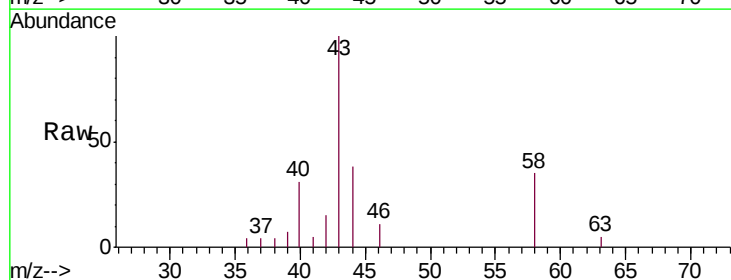
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q5

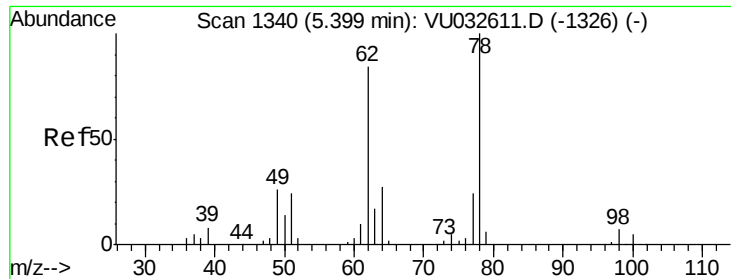
Tgt Ion: 64 Resp: 3064
 Ion Ratio Lower Upper
 64 100
 66 4.7 22.9 42.5#



#13
 Acetone
 Concen: 4.995 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032623.D
 Acq: 11 Jun 2019 20:24

Tgt Ion: 43 Resp: 4698
 Ion Ratio Lower Upper
 43 100
 58 32.1 0.0 64.0





#27

1,2-Dichloroethane

Concen: 0.649 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032623.D

Acq: 11 Jun 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

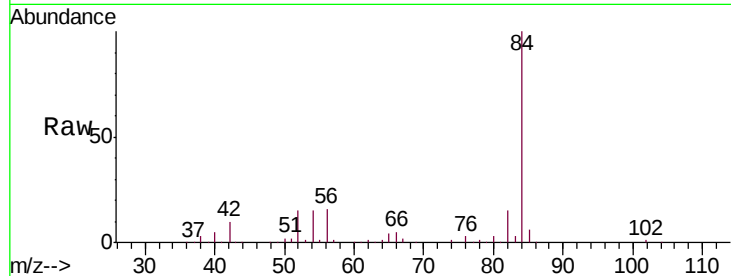
DB8Q5

Tgt Ion: 62 Resp: 1042

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



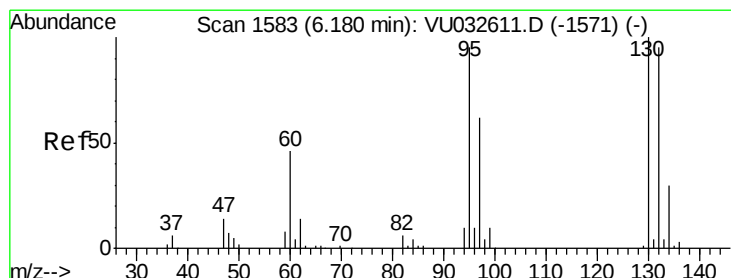
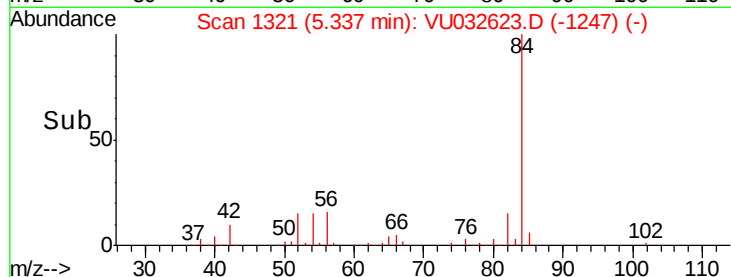
Abundance Ion 62.00 (61.70 to 62.70): VU032611.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032611.D (-1326) (-)

5.34

5.30 5.35

Time-->



#34

Trichloroethene

Concen: 38.428 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032623.D

Acq: 11 Jun 2019 20:24

Tgt Ion: 95 Resp: 46237

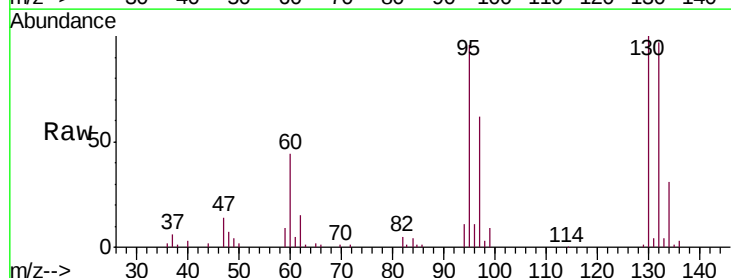
Ion Ratio Lower Upper

95 100

97 64.7 45.8 85.2

132 101.2 71.0 131.8

130 104.6 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU032611.D (-1571) (-)

Ion 97.00 (96.70 to 97.70): VU032611.D (-1571) (-)

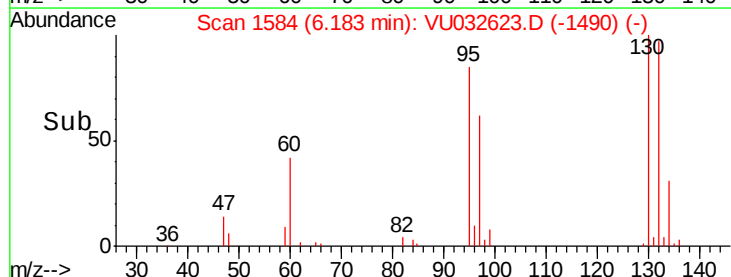
Ion 132.00 (131.70 to 132.70): VU032611.D (-1571) (-)

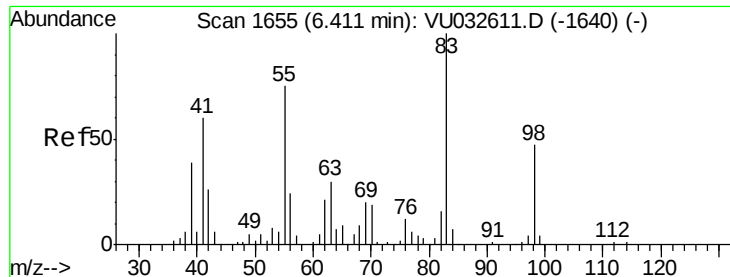
Ion 130.00 (129.70 to 130.70): VU032611.D (-1571) (-)

6.18

6.10 6.15 6.20 6.25

Time-->

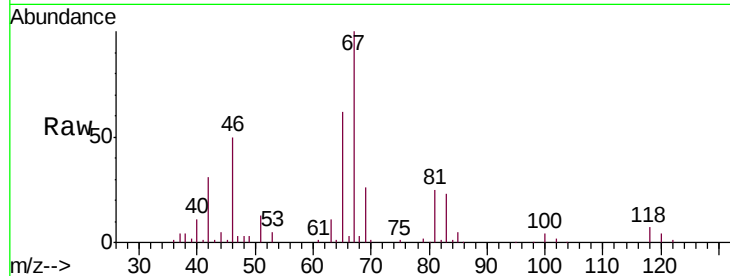




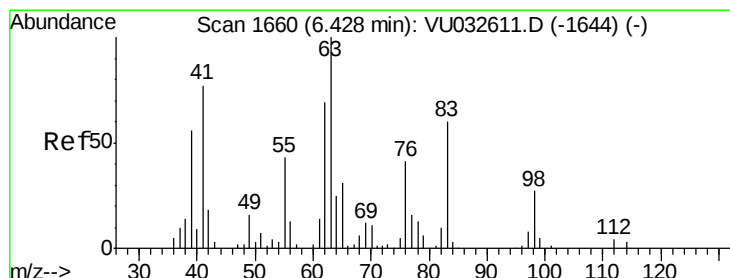
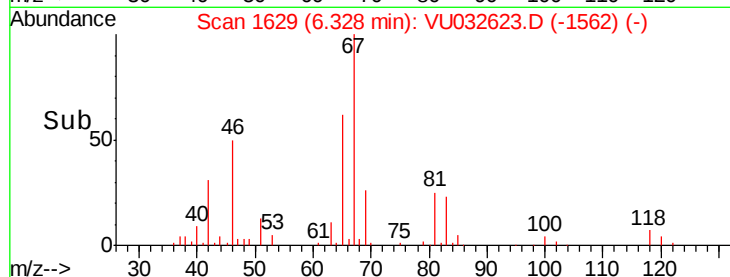
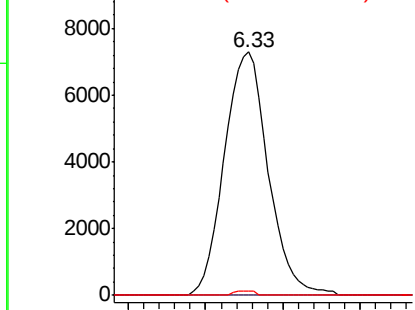
#35
Methylcyclohexane
Concen: 7.373 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032623.D
Acq: 11 Jun 2019 20:24

Instrument :
MSVOA_U
ClientSampleID :
DB8Q5

Tgt Ion: 83 Resp: 14361
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 0.9 37.4 56.2#

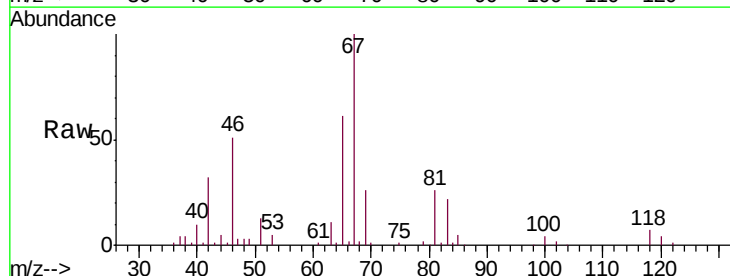


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

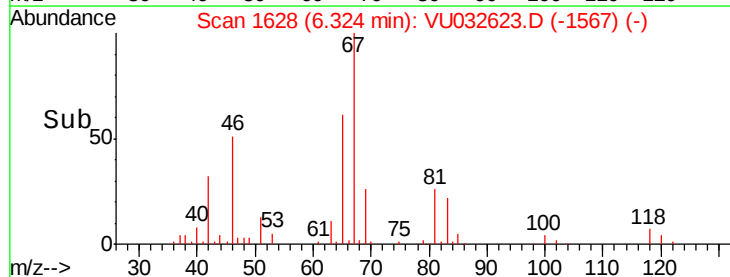
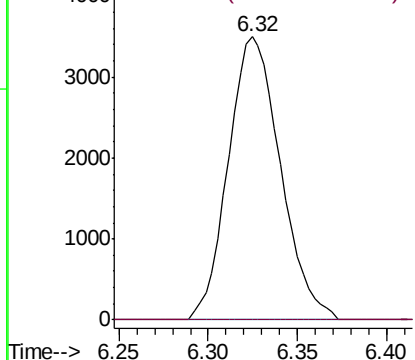


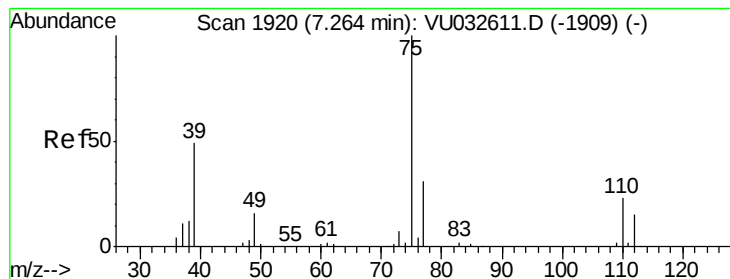
#37
1,2-Dichloropropane
Concen: 6.083 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032623.D
Acq: 11 Jun 2019 20:24

Tgt Ion: 63 Resp: 7131
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.160 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032623.D

Acq: 11 Jun 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

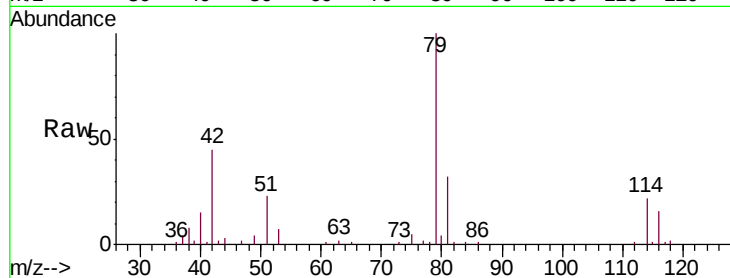
DB8Q5

Tgt Ion: 75 Resp: 2146

Ion Ratio Lower Upper

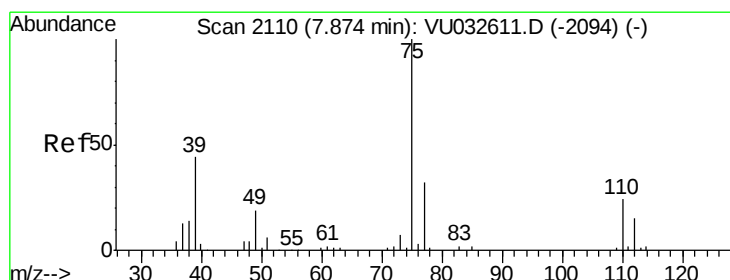
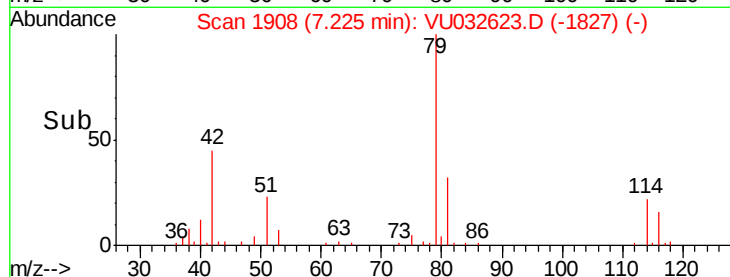
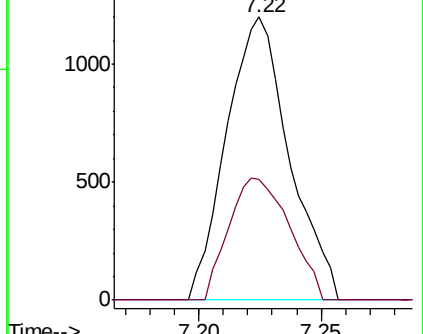
75 100

77 42.6 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.830 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032623.D

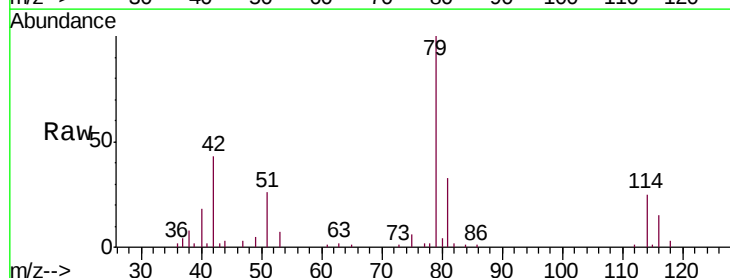
Acq: 11 Jun 2019 20:24

Tgt Ion: 75 Resp: 1362

Ion Ratio Lower Upper

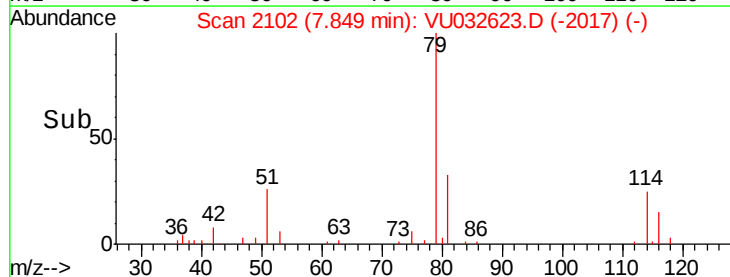
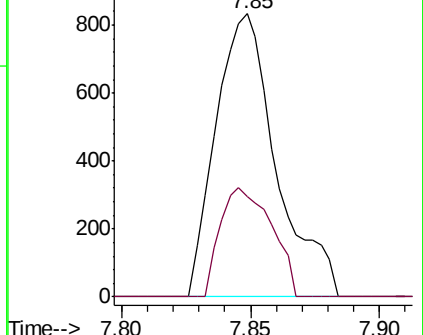
75 100

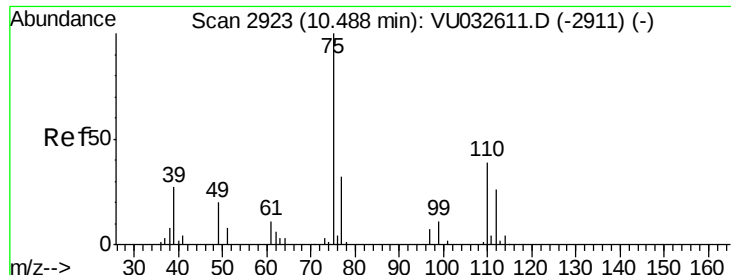
77 35.7 22.1 41.1



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: 6.006 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032623.D

Acq: 11 Jun 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

DB8Q5

Tgt Ion: 75 Resp: 9153

Ion Ratio Lower Upper

75 100

77 38.6 25.6 38.4#

