

Data File : VU032653.D
Acq On : 12 Jun 2019 15:42
Operator : JC/SP
Sample : K3313-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLZ3

Quant Time: Jun 13 05:06:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	164199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	154133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77139	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50370	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.56%
7) Chloroethane-d5	1.68	69	40636	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.27	63	76345	36.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.20%
21) 2-Butanone-d5	4.17	46	85685	96.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.11%
24) Chloroform-d	4.64	84	96056	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.30	65	63504	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.33	84	191275	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.32	67	61598	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.18%
41) Toluene-d8	7.56	98	175253	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%
43) trans-1,3-Dichloropropene-	7.85	79	28433	47.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.70%
47) 2-Hexanone-d5	8.31	63	54473	89.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	86687	47.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	71587	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

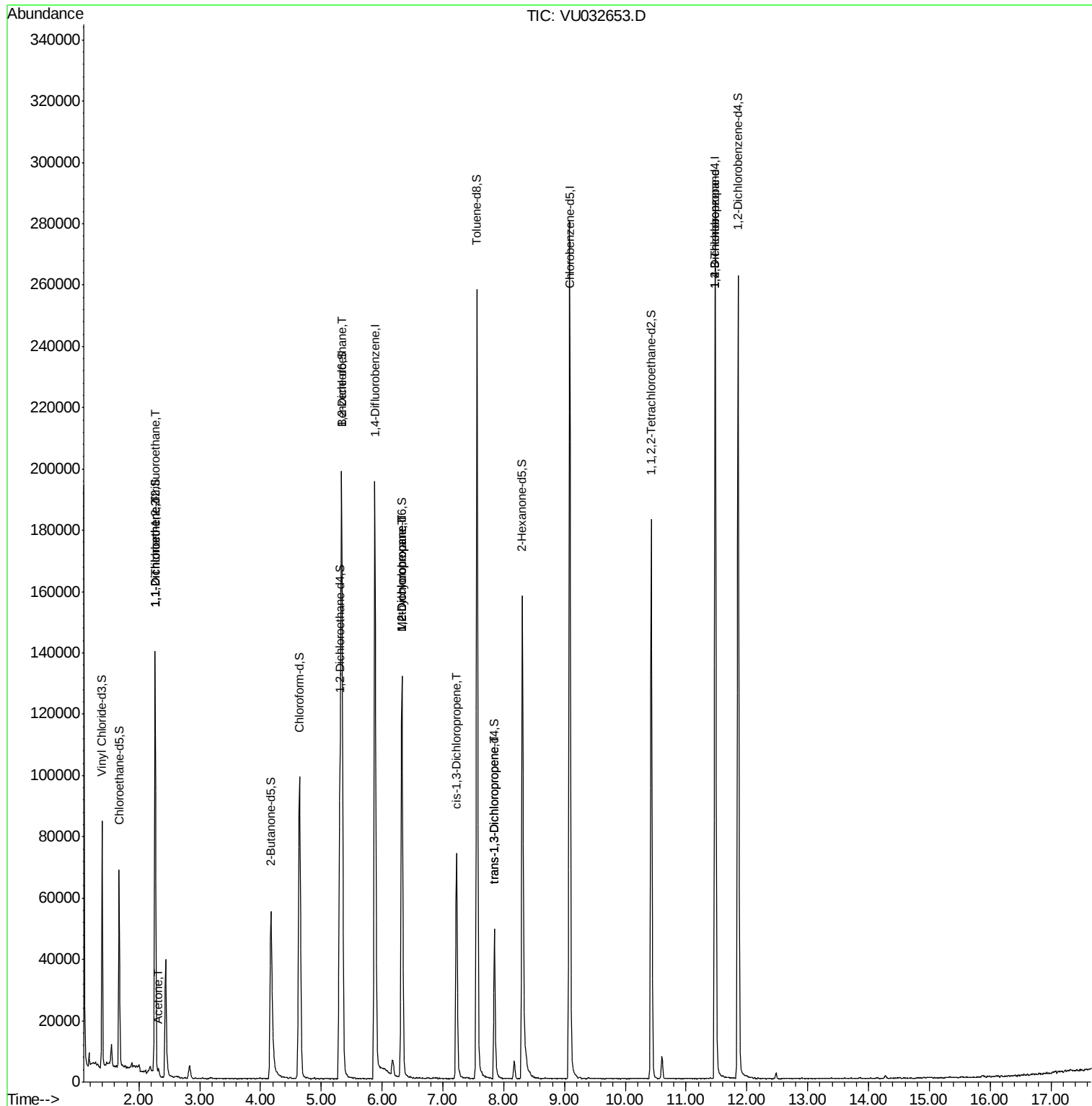
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	691	0.689	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	751	0.771	ug/L #	1
13) Acetone	2.32	43	2567	2.791	ug/L	78
27) 1,2-Dichloroethane	5.33	62	1198	0.763	ug/L #	75
35) Methylcyclohexane	6.32	83	14179	7.434	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7119	6.201	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2052	1.133	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1293	0.804	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	9462	6.340	ug/L	94

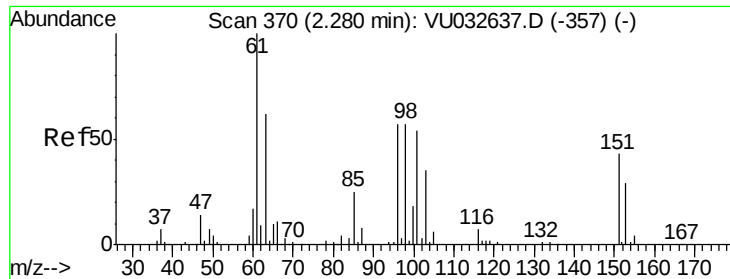
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.689 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032653.D

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Instrument :

MSVOA_U

ClientSampleId :

C0LZ3

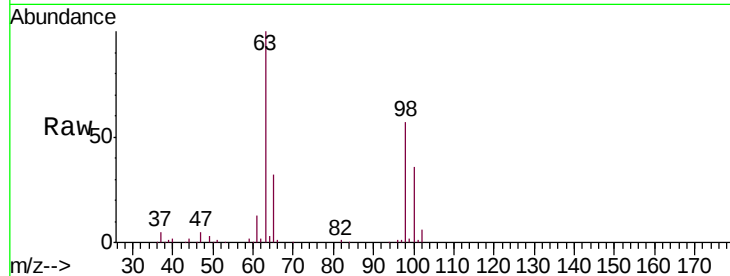
Tgt Ion: 101 Resp: 691

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

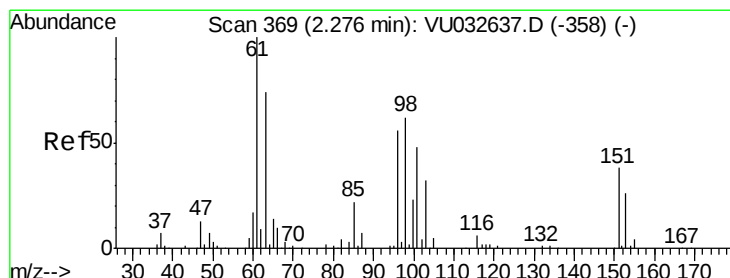
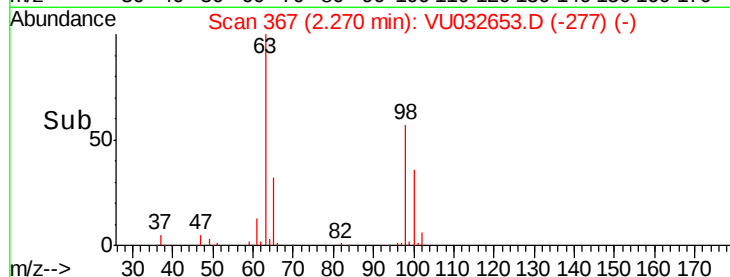
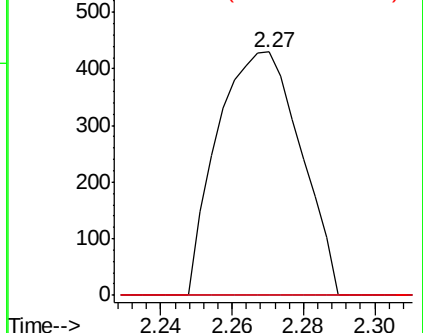
151 0.0 63.0 94.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.771 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032653.D

Acq: 12 Jun 2019 15:42

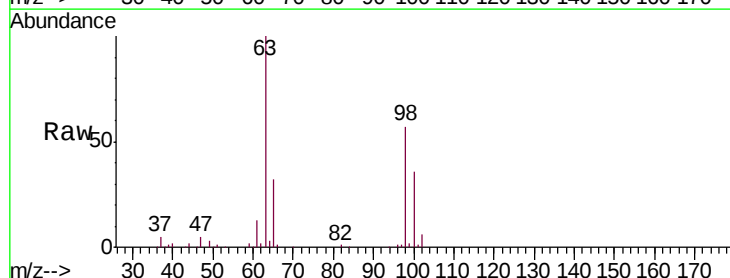
Tgt Ion: 96 Resp: 751

Ion Ratio Lower Upper

96 100

61 1287.2 129.5 240.5#

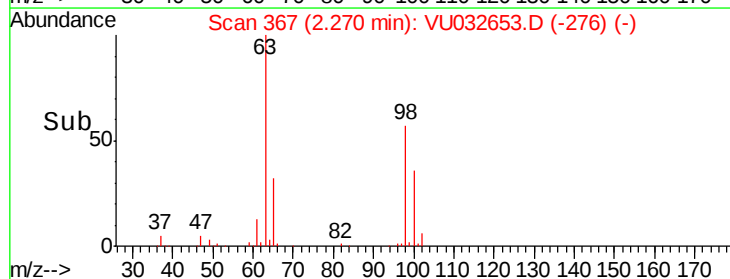
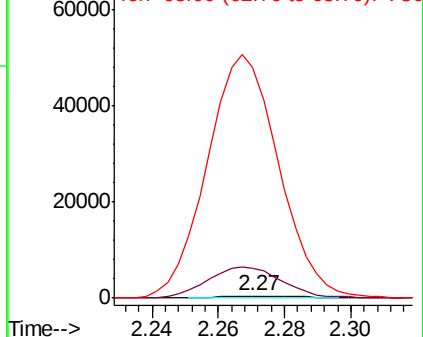
63 9853.5 103.4 192.0#

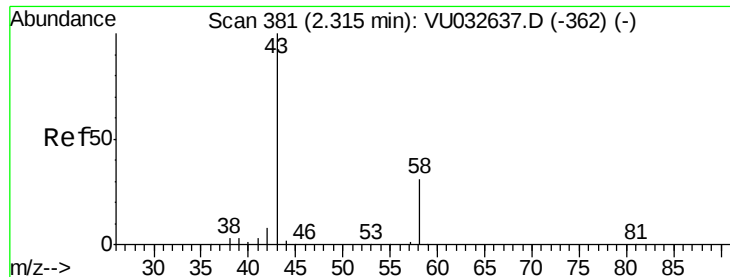


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.791 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032653.D

Acq: 12 Jun 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

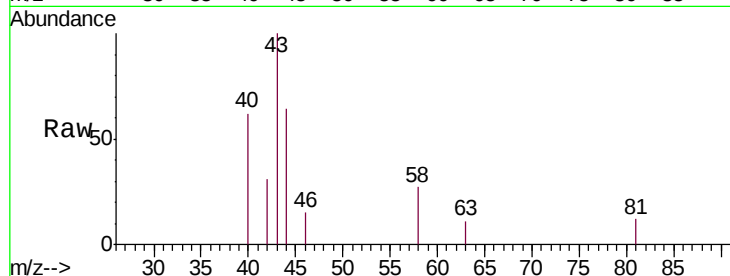
COLZ3

Tgt Ion: 43 Resp: 2567

Ion Ratio Lower Upper

43 100

58 19.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032637.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032637.D (-362) (-)

2.32

1500

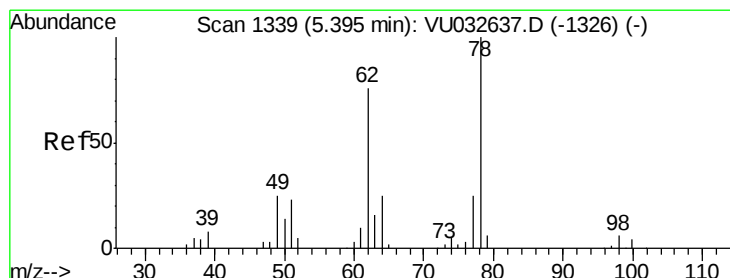
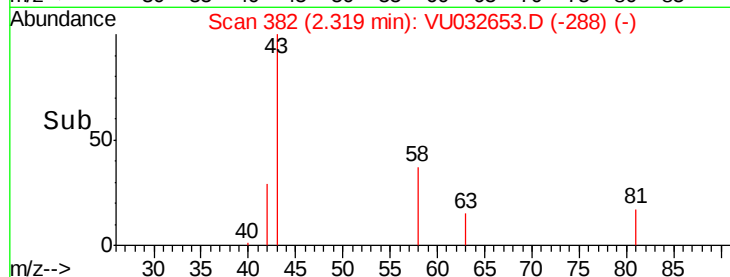
1000

500

0

2.25 2.30 2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.763 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032653.D

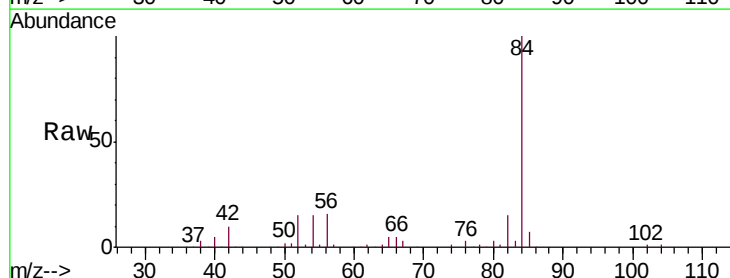
Acq: 12 Jun 2019 15:42

Tgt Ion: 62 Resp: 1198

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032637.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032637.D (-1326) (-)

5.33

600

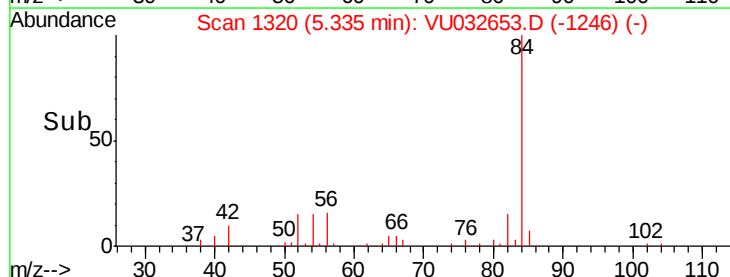
400

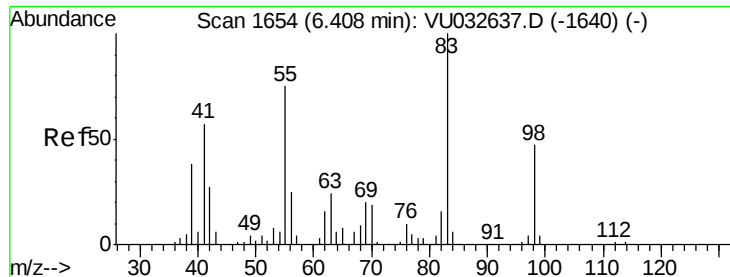
200

0

5.30 5.35

Time-->

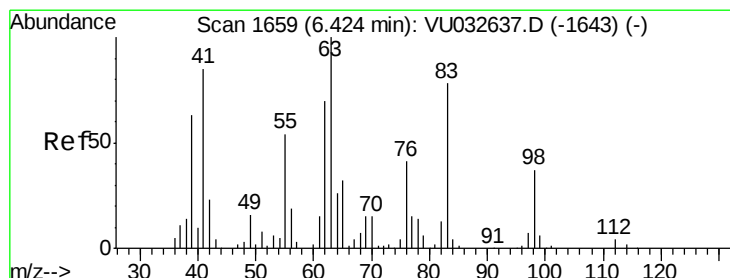
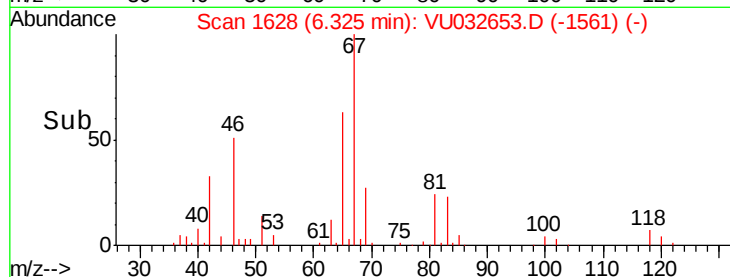
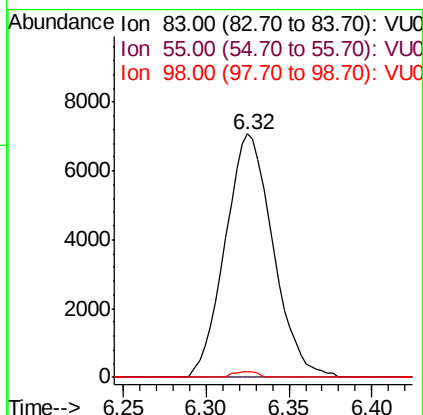
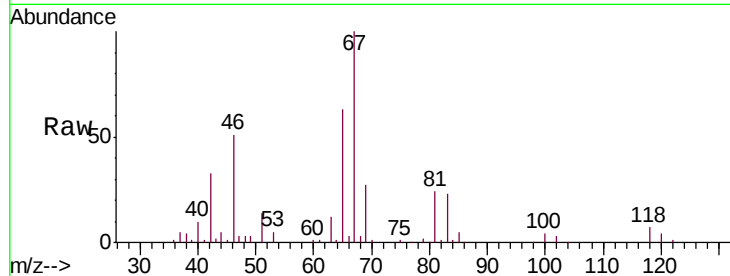




#35
Methylcyclohexane
Concen: 7.434 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032653.D
Acq: 12 Jun 2019 15:42

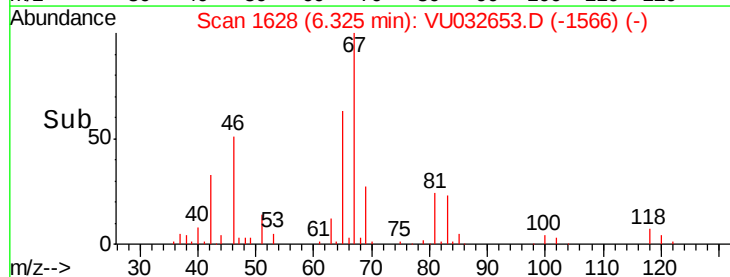
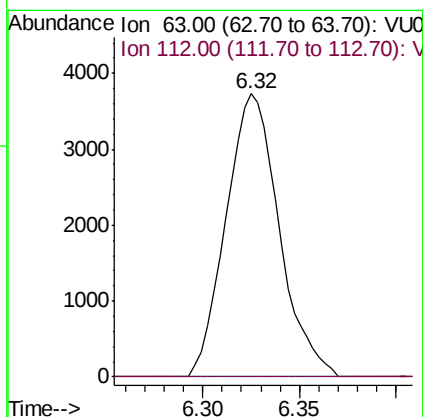
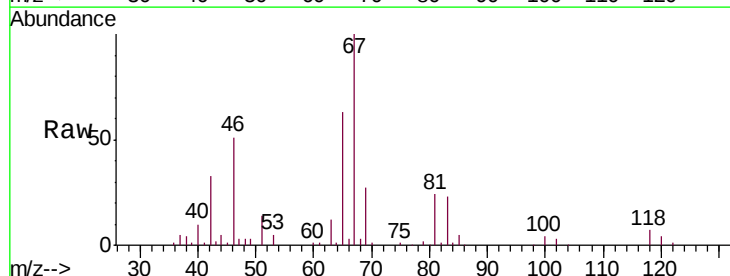
Instrument :
MSVOA_U
ClientSampleId :
COLZ3

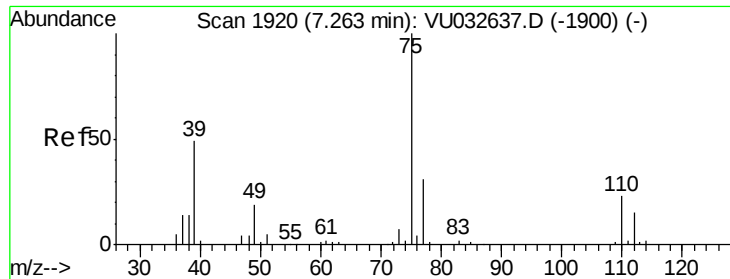
Tgt Ion: 83 Resp: 14179
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 1.1 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 6.201 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032653.D
Acq: 12 Jun 2019 15:42

Tgt Ion: 63 Resp: 7119
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

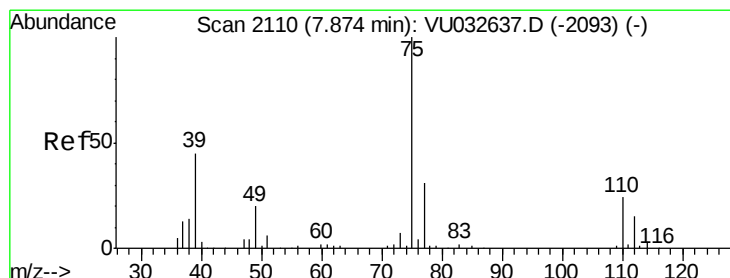
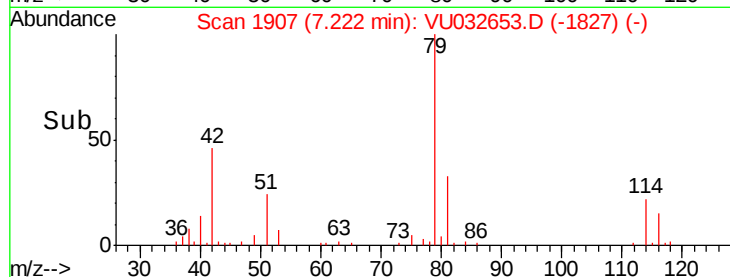
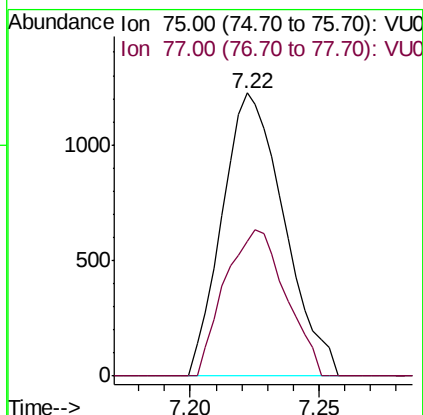
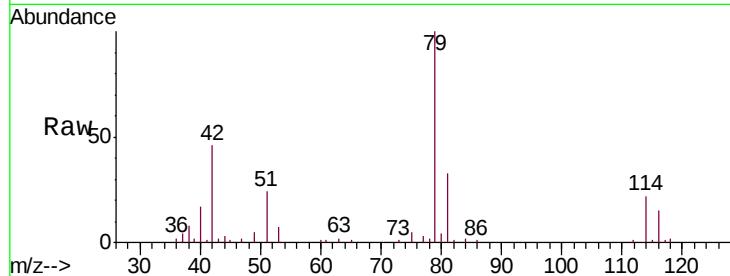




#39
 cis-1,3-Dichloropropene
 Concen: 1.133 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032653.D
 Acq: 12 Jun 2019 15:42

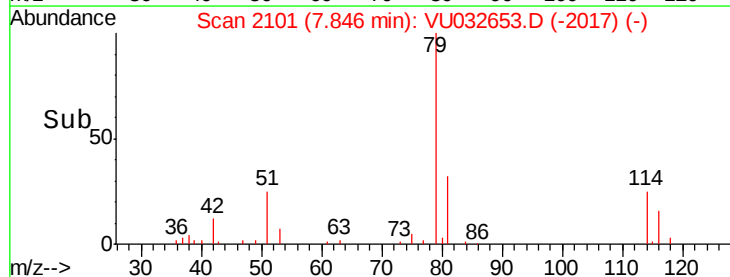
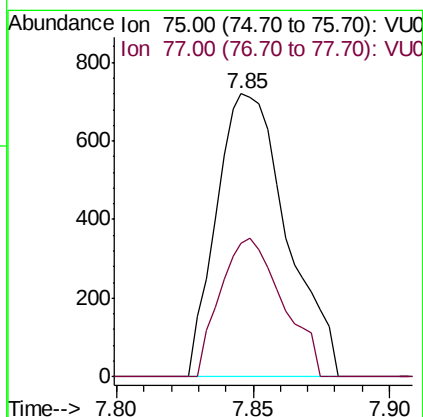
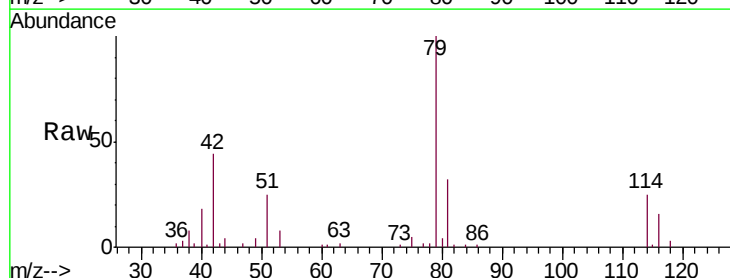
Instrument :
 MSVOA_U
 ClientSampled :
 COLZ3

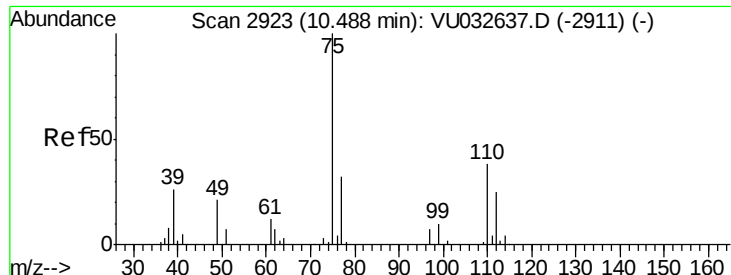
Tgt Ion: 75 Resp: 2052
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.804 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032653.D
 Acq: 12 Jun 2019 15:42

Tgt Ion: 75 Resp: 1293
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.1 41.1#





#59
 1,2,3-Trichloropropane
 Concen: 6.340 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032653.D
 Acq: 12 Jun 2019 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 COLZ3

Tgt Ion: 75 Resp: 9462
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.6 38.4

