

Data File : VU032673.D
Acq On : 12 Jun 2019 23:23
Operator : JC/SP
Sample : K3313-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM07

Quant Time: Jun 13 06:03:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:57:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	171617	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50985	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.58%
7) Chloroethane-d5	1.68	69	41074	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.82%
11) 1,1-Dichloroethene-d2	2.27	63	75919	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	4.17	46	83261	89.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.36%
24) Chloroform-d	4.64	84	97019	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.30	65	65931	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
32) Benzene-d6	5.33	84	193792	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
36) 1,2-Dichloropropane-d6	6.32	67	61380	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.94%
41) Toluene-d8	7.56	98	177514	44.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.90%
43) trans-1,3-Dichloropropene-	7.85	79	26350	41.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.38%
47) 2-Hexanone-d5	8.31	63	44084	68.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84243	44.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	72201	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%

Target Compounds

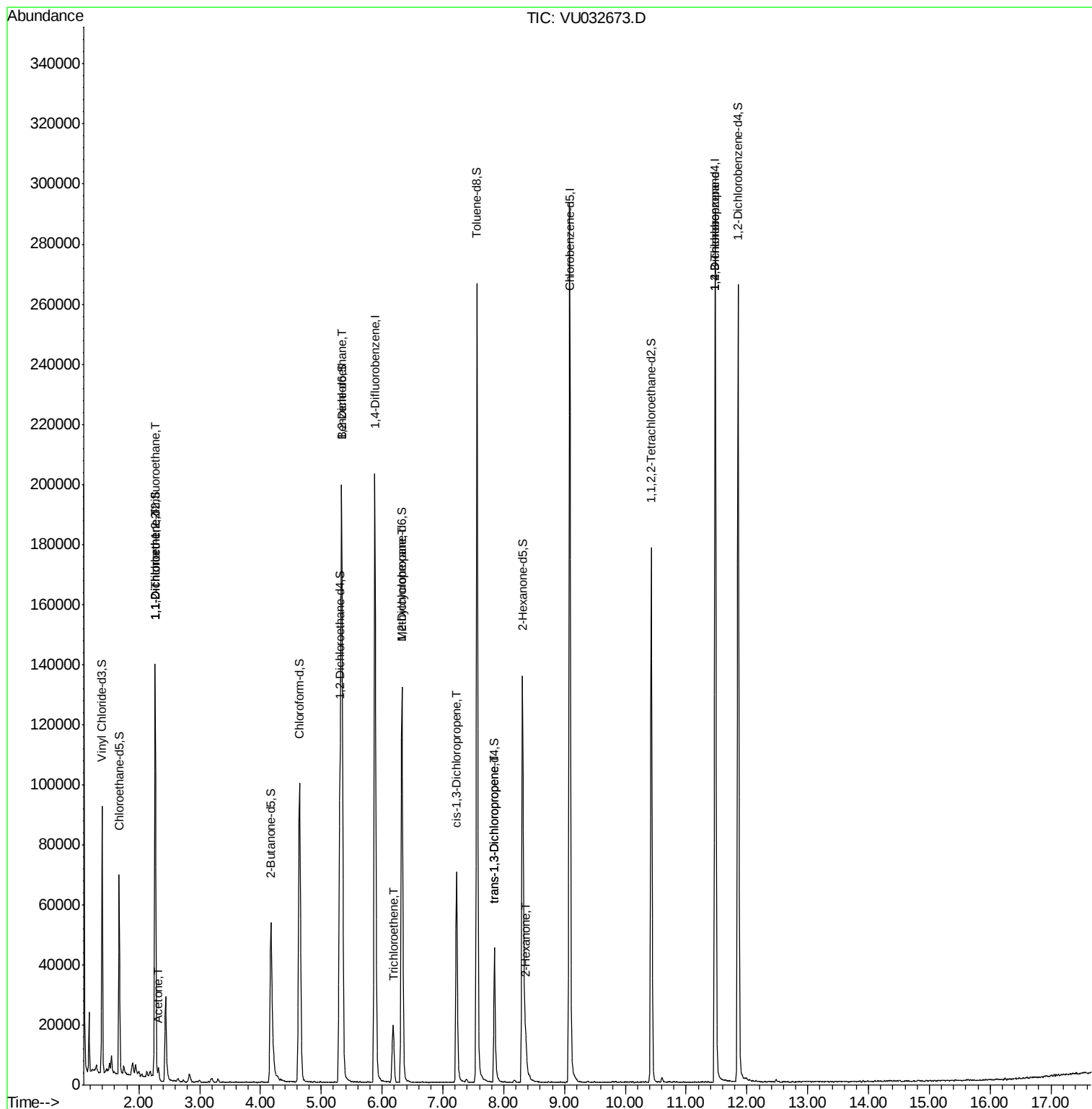
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	639	0.609 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	904	0.888 ug/L #	1
13) Acetone	2.32	43	3777	3.929 ug/L	91
27) 1,2-Dichloroethane	5.34	62	1104	0.673 ug/L #	75
34) Trichloroethene	6.19	95	4519	3.644 ug/L	98
35) Methylcyclohexane	6.32	83	14380	7.162 ug/L #	19
39) cis-1,3-Dichloropropene	7.22	75	1861	0.976 ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1152	0.681 ug/L	85
48) 2-Hexanone	8.36	43	8473	5.306 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	9515	6.057 ug/L	89

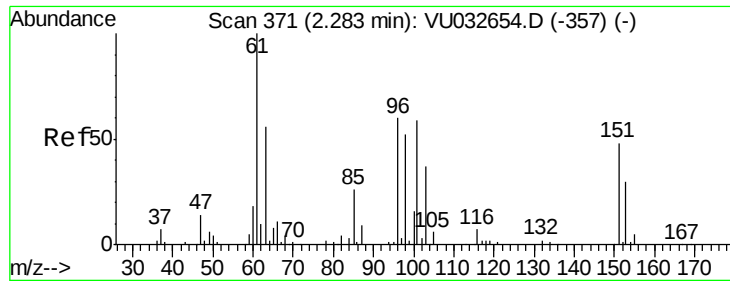
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.609 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 12 Jun 2019 23:23

Instrument :

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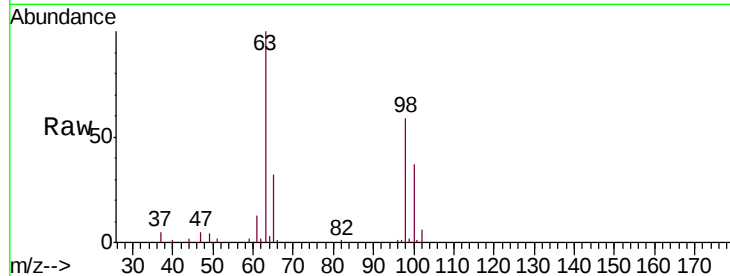
Tgt Ion: 101 Resp: 639

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

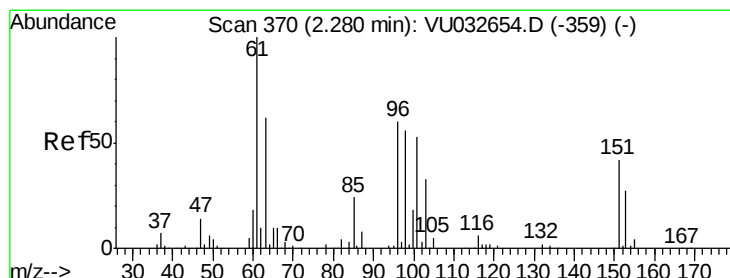
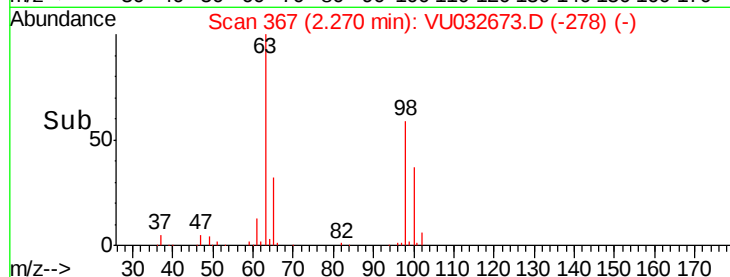
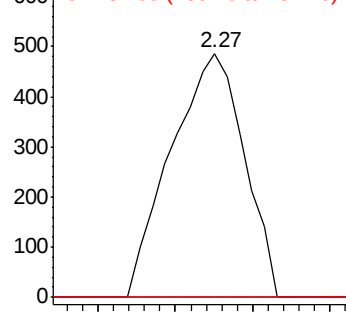
151 0.0 63.0 94.4#



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: 0.888 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032673.D

Acq: 12 Jun 2019 23:23

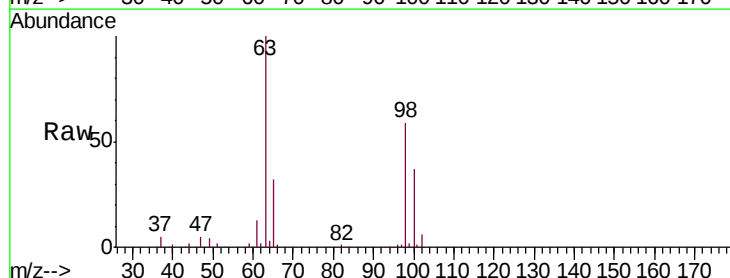
Tgt Ion: 96 Resp: 904

Ion Ratio Lower Upper

96 100

61 1249.7 129.5 240.5#

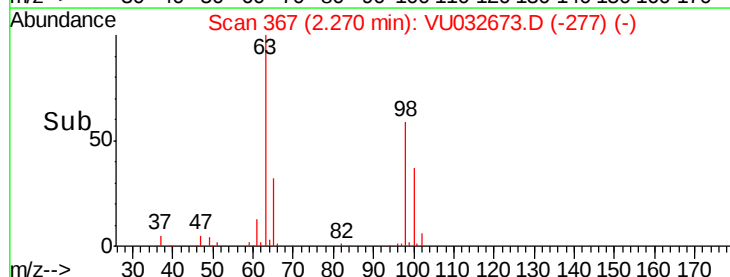
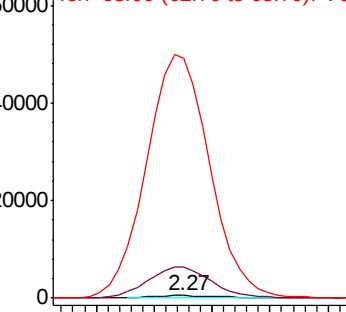
63 9750.5 103.4 192.0#

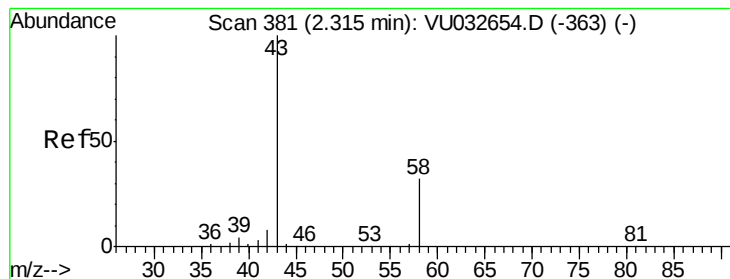


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.929 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU032673.D

Acq: 12 Jun 2019 23:23

Instrument :

MSVOA_U

ClientSampleId :

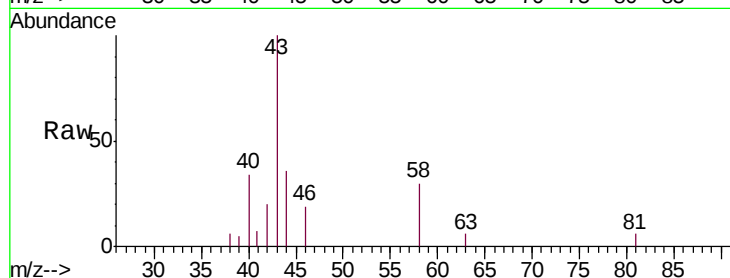
COM07

Tgt Ion: 43 Resp: 3777

Ion Ratio Lower Upper

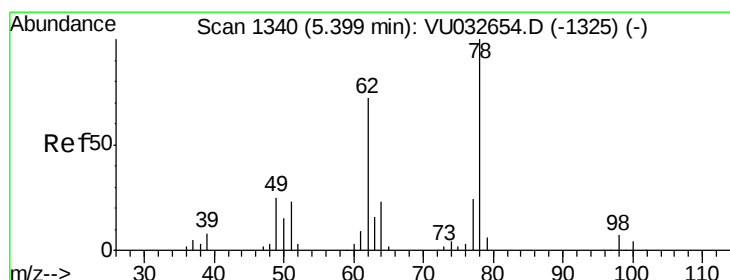
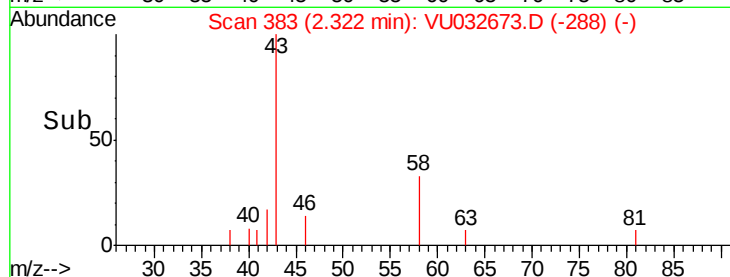
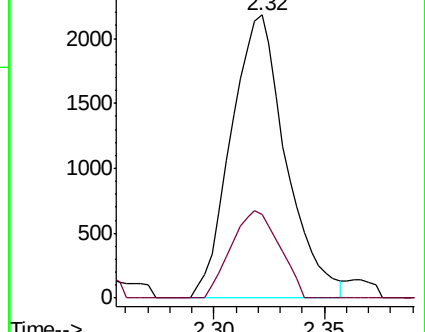
43 100

58 27.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032654.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU032654.D (-363) (-)



#27

1,2-Dichloroethane

Concen: 0.673 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032673.D

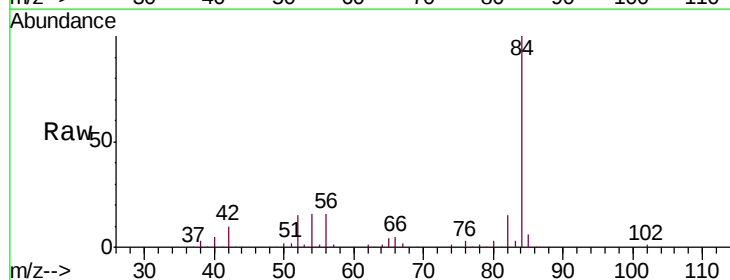
Acq: 12 Jun 2019 23:23

Tgt Ion: 62 Resp: 1104

Ion Ratio Lower Upper

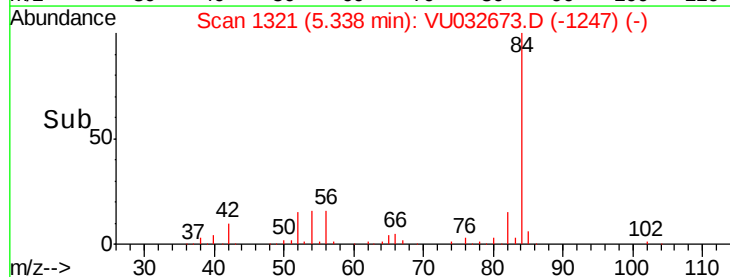
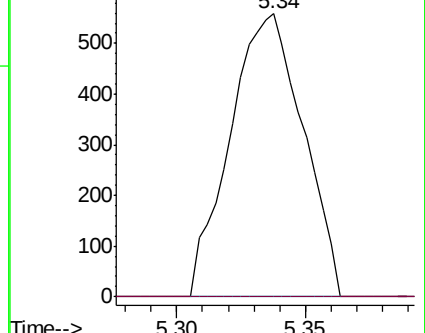
62 100

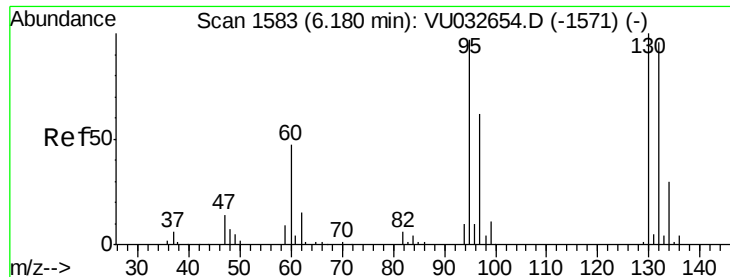
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032654.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032654.D (-1325) (-)





#34

Trichloroethene

Concen: 3.644 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032673.D

Acq: 12 Jun 2019 23:23

Instrument :

MSVOA_U

ClientSampleId :

COM07

Tgt Ion: 95 Resp: 4519

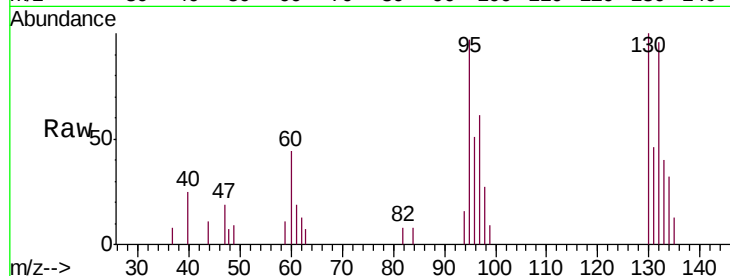
Ion Ratio Lower Upper

95 100

97 62.7 45.8 85.2

132 99.2 71.0 131.8

130 103.4 73.4 136.2

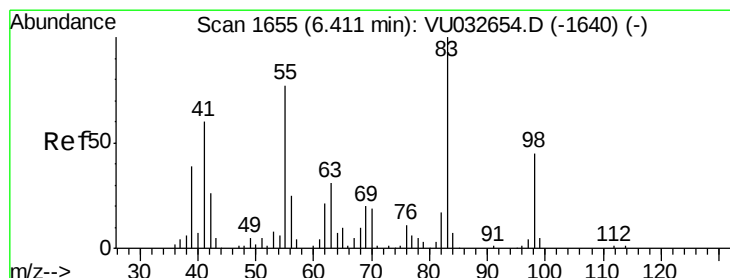
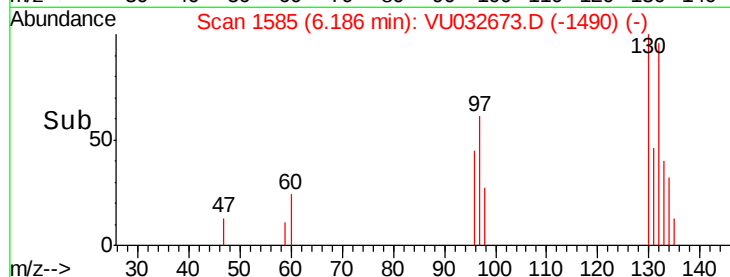
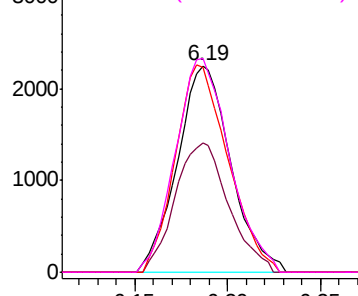


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.162 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU032673.D

Acq: 12 Jun 2019 23:23

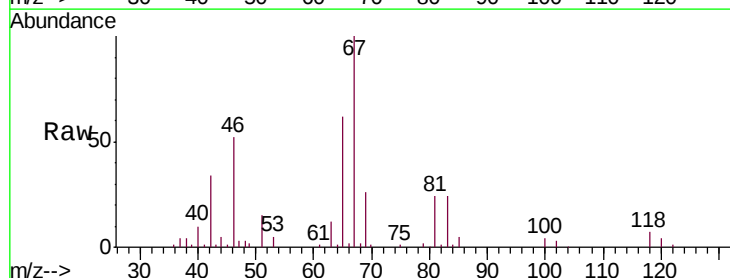
Tgt Ion: 83 Resp: 14380

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

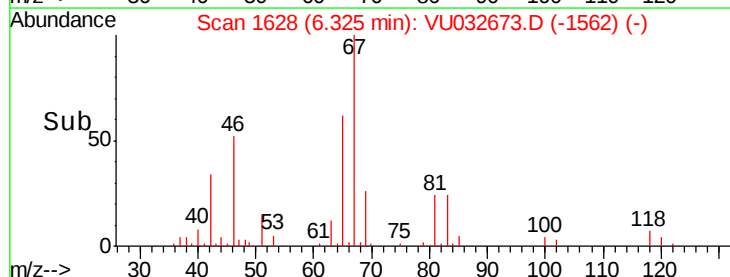
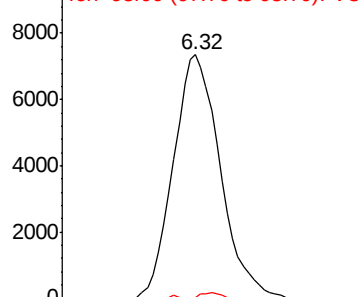
98 0.9 37.4 56.2#

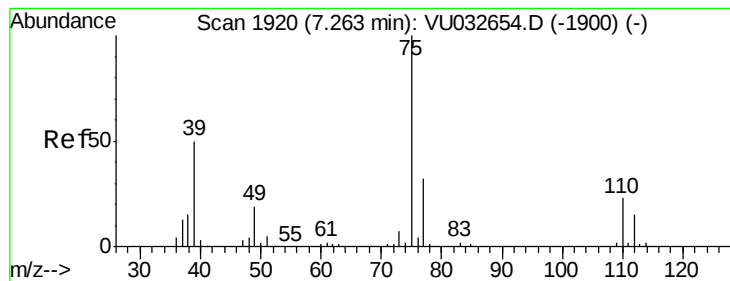


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



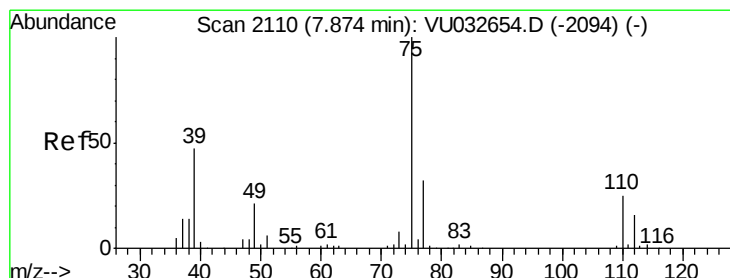
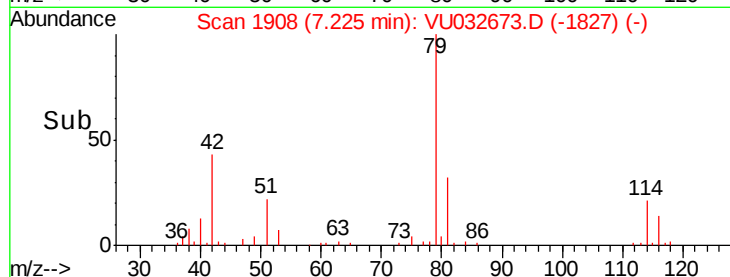
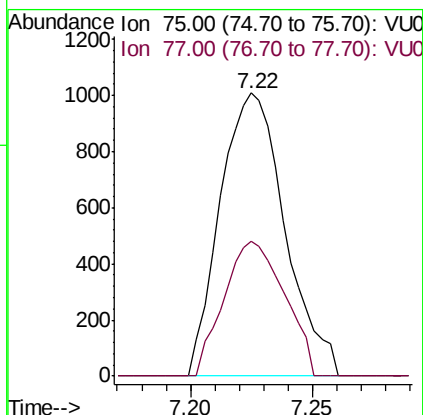
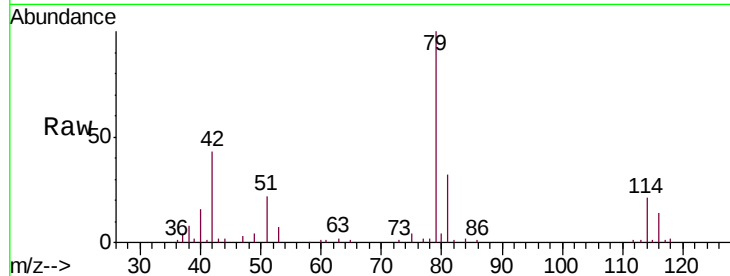


#39

cis-1,3-Dichloropropene
Concen: 0.976 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032673.D
Acq: 12 Jun 2019 23:23

Instrument :
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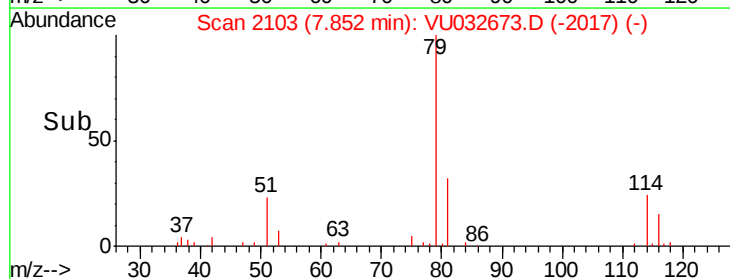
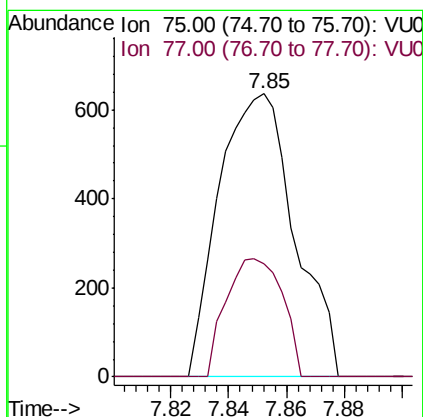
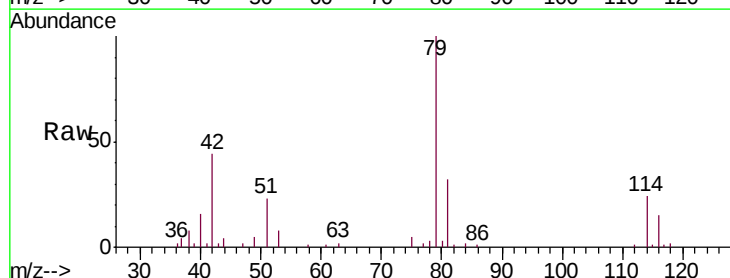
Tgt Ion: 75 Resp: 1861
Ion Ratio Lower Upper
75 100
77 47.6 22.0 41.0#

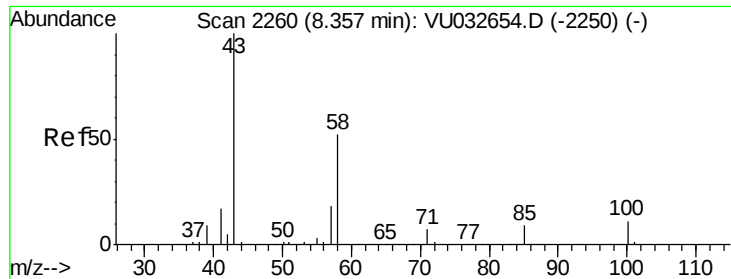


#44

trans-1,3-Dichloropropene
Concen: 0.681 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU032673.D
Acq: 12 Jun 2019 23:23

Tgt Ion: 75 Resp: 1152
Ion Ratio Lower Upper
75 100
77 40.1 22.1 41.1

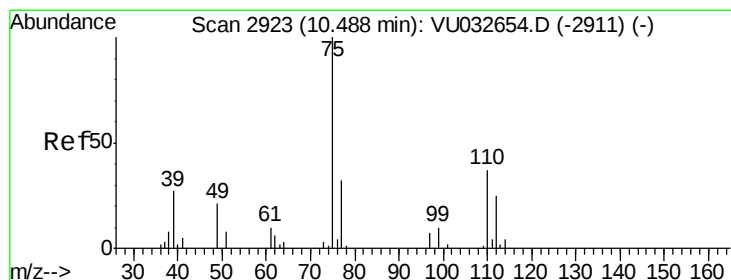
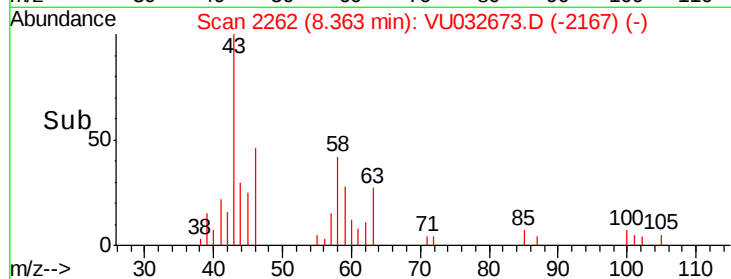
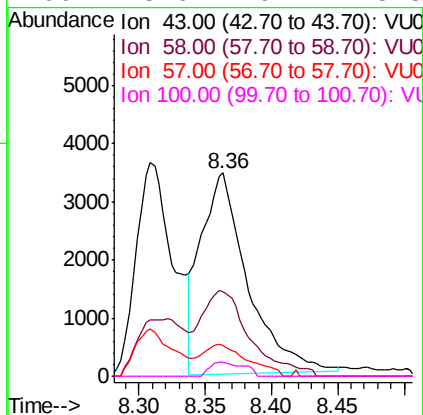
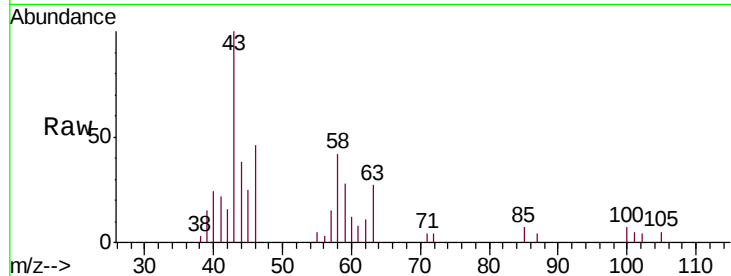




#48
2-Hexanone
Concen: 5.306 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032673.D
Acq: 12 Jun 2019 23:23

Instrument :
MSVOA_U
ClientSampleId :
COM07

Tgt Ion: 43 Resp: 8473
Ion Ratio Lower Upper
43 100
58 43.3 42.0 63.0
57 15.3 14.6 22.0
100 3.6 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.057 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032673.D
Acq: 12 Jun 2019 23:23

Tgt Ion: 75 Resp: 9515
Ion Ratio Lower Upper
75 100
77 38.1 25.6 38.4

