

Data File : VU032672.D
Acq On : 12 Jun 2019 23:00
Operator : JC/SP
Sample : K3313-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COLZ5

Quant Time: Jun 13 06:03:17 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	169533	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160849	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77078	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50298	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.46%
7) Chloroethane-d5	1.68	69	41540	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	74864	34.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.52%
21) 2-Butanone-d5	4.17	46	87642	95.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.21%
24) Chloroform-d	4.64	84	96906	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.31	65	66385	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
32) Benzene-d6	5.33	84	196542	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
36) 1,2-Dichloropropane-d6	6.32	67	62643	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.68%
41) Toluene-d8	7.56	98	175880	44.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.84%
43) trans-1,3-Dichloropropene-	7.85	79	25983	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.94%
47) 2-Hexanone-d5	8.31	63	48044	75.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86338	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	71586	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%

Target Compounds

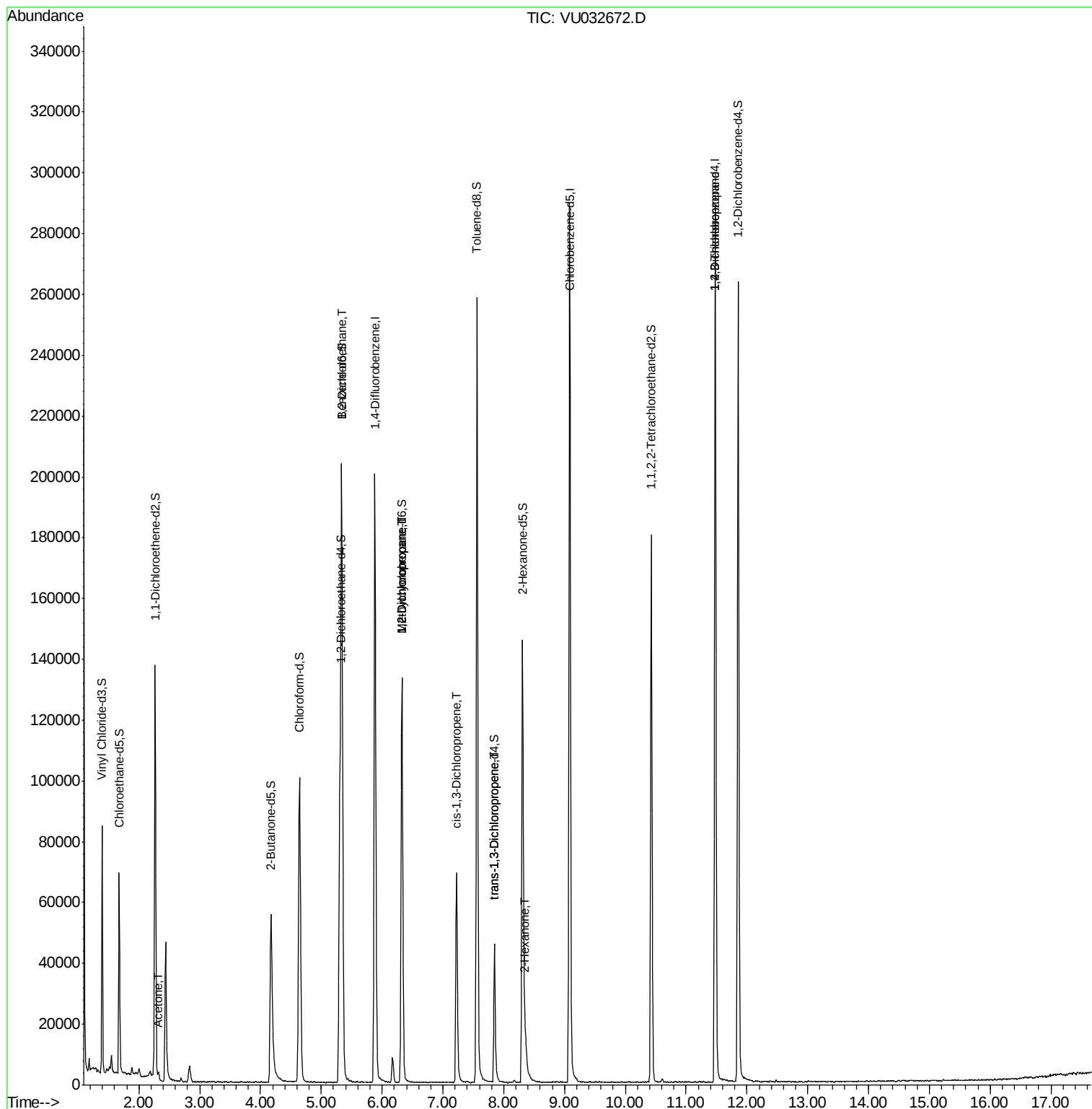
					Qvalue
13) Acetone	2.32	43	2174	2.289 ug/L	87
27) 1,2-Dichloroethane	5.34	62	1124	0.693 ug/L #	75
35) Methylcyclohexane	6.32	83	14497	7.283 ug/L #	26
37) 1,2-Dichloropropane	6.32	63	7160	5.977 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1857	0.982 ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1145	0.682 ug/L #	80
48) 2-Hexanone	8.36	43	6469	4.087 ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	9355	6.007 ug/L	90

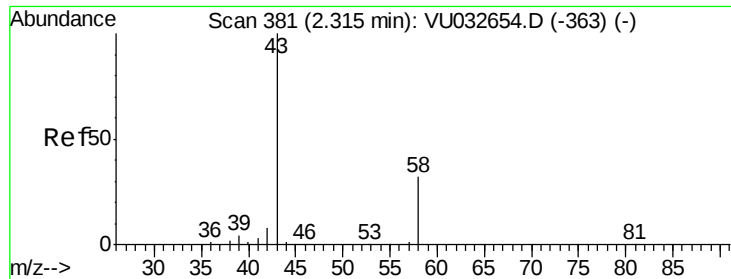
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.289 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032672.D

Acq: 12 Jun 2019 23:00

Instrument :

MSVOA_U

ClientSampleId :

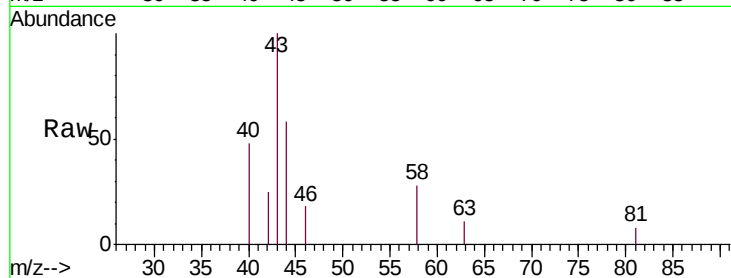
COLZ5

Tgt Ion: 43 Resp: 2174

Ion Ratio Lower Upper

43 100

58 24.6 0.0 64.0

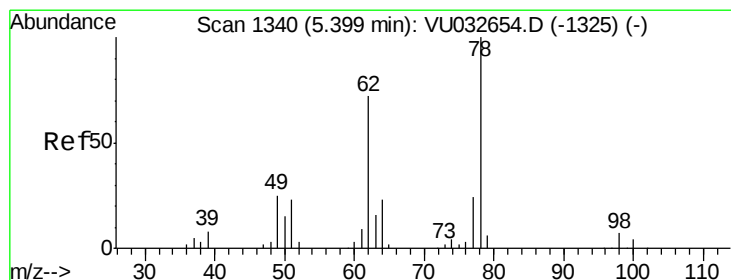
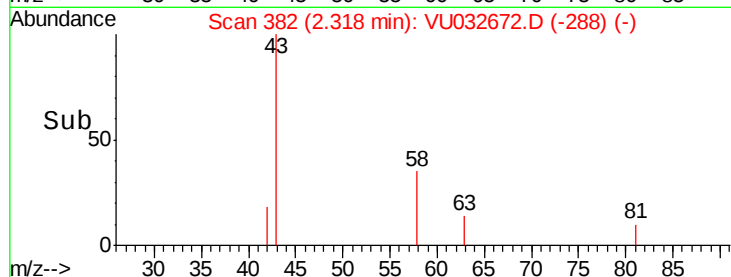


Abundance Ion 43.00 (42.70 to 43.70): VU032654.D (-363) (-)

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

Time-->

2.30 2.35



#27

1,2-Dichloroethane

Concen: 0.693 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032672.D

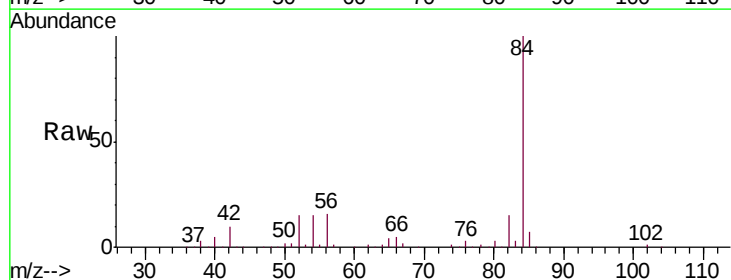
Acq: 12 Jun 2019 23:00

Tgt Ion: 62 Resp: 1124

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

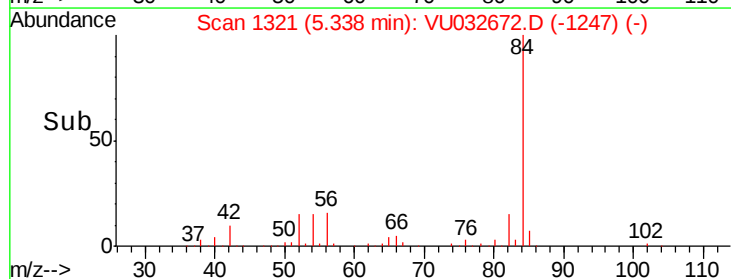


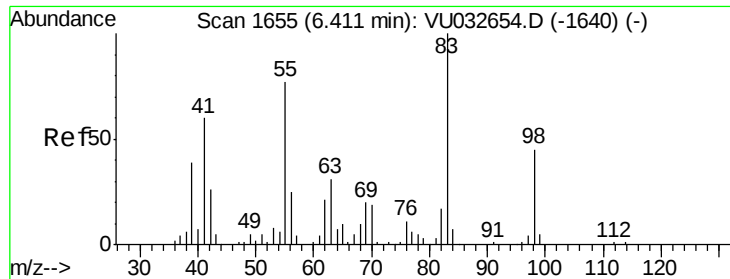
Abundance Ion 62.00 (61.70 to 62.70): VU032654.D (-1325) (-)

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

Time-->

5.30 5.35

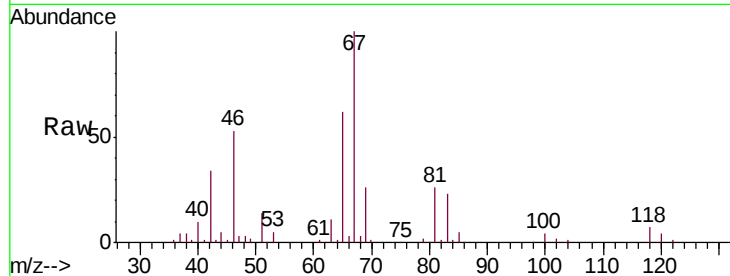




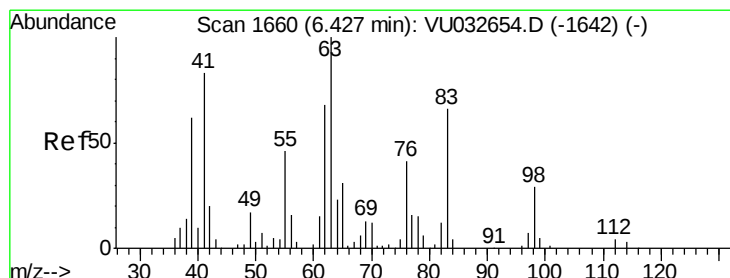
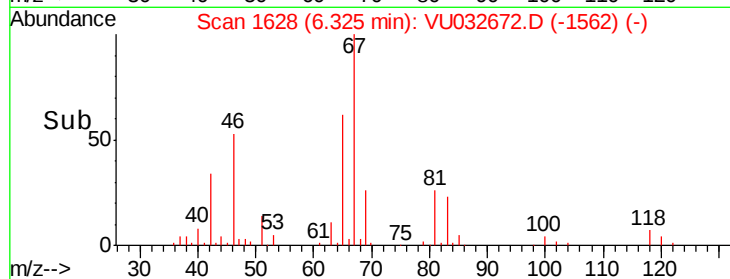
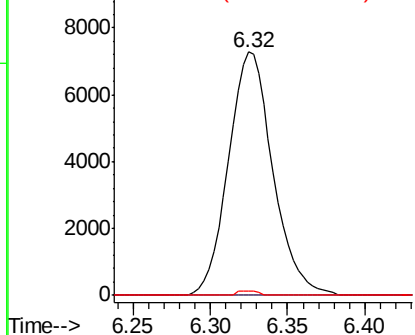
#35
Methylcyclohexane
Concen: 7.283 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU032672.D
Acq: 12 Jun 2019 23:00

Instrument :
MSVOA_U
ClientSampleId :
COLZ5

Tgt Ion: 83 Resp: 14497
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 13.0 37.4 56.2#

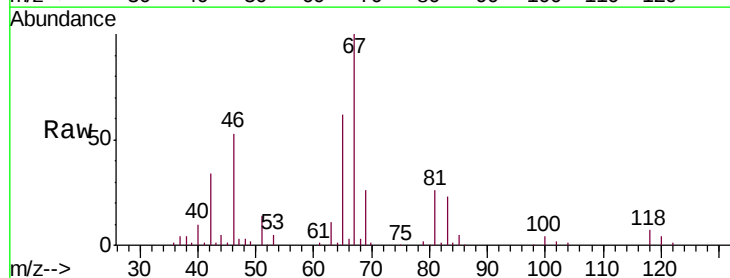


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

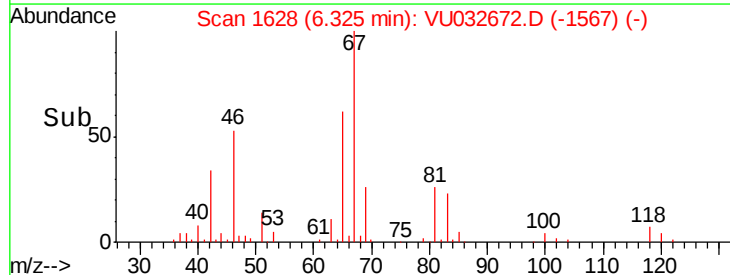
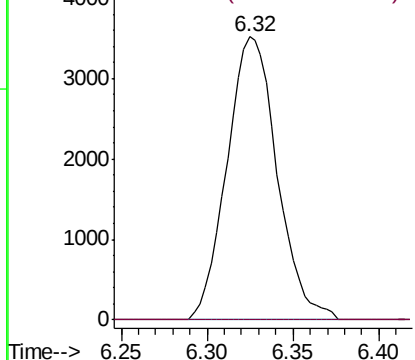


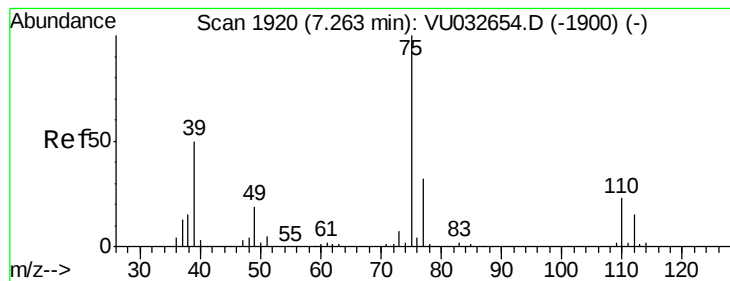
#37
1,2-Dichloropropane
Concen: 5.977 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032672.D
Acq: 12 Jun 2019 23:00

Tgt Ion: 63 Resp: 7160
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



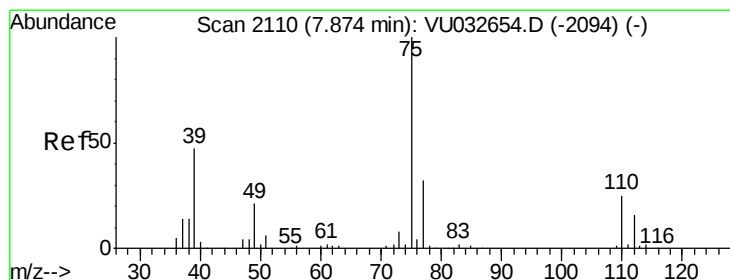
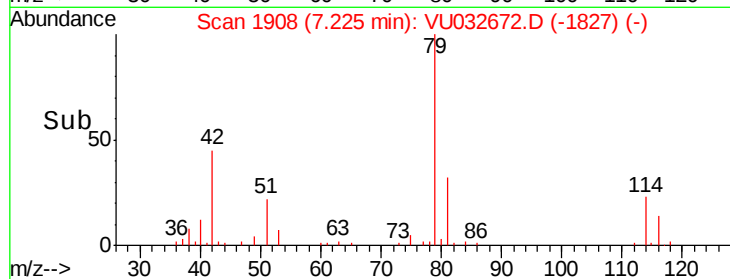
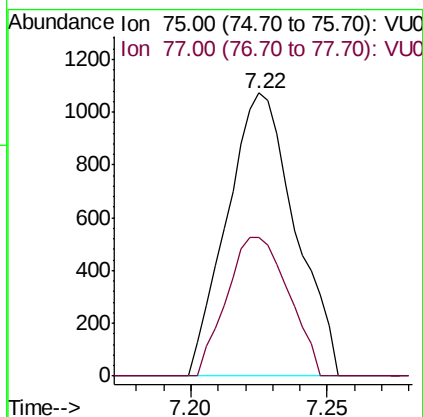
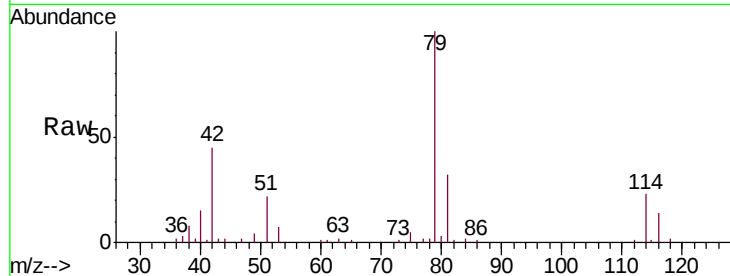


#39

cis-1,3-Dichloropropene
Concen: 0.982 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032672.D
Acq: 12 Jun 2019 23:00

Instrument :
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ClientSampleId :
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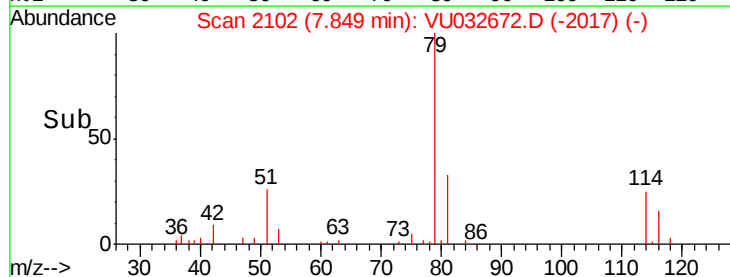
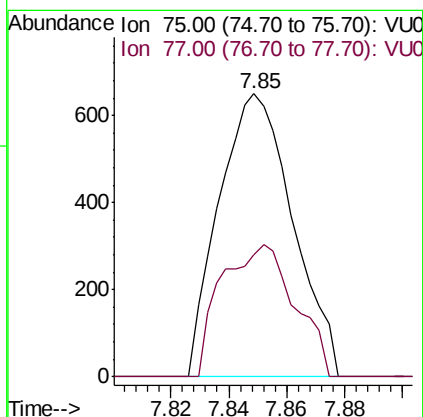
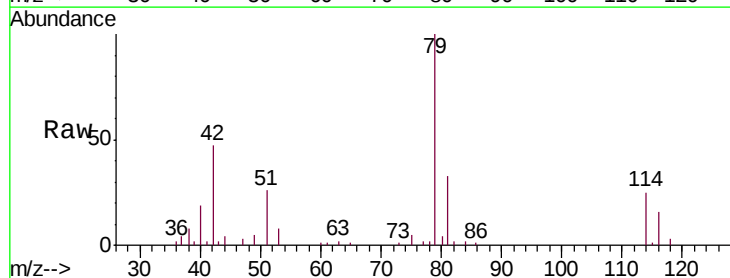
Tgt Ion: 75 Resp: 1857
Ion Ratio Lower Upper
75 100
77 49.2 22.0 41.0#

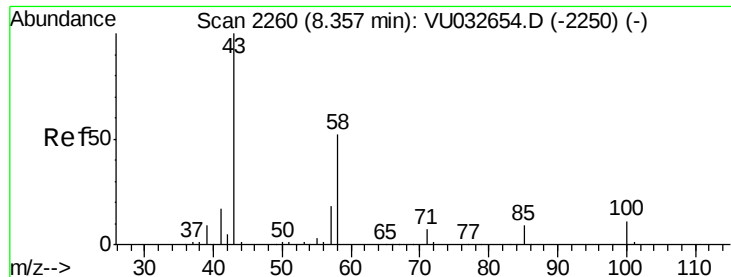


#44

trans-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032672.D
Acq: 12 Jun 2019 23:00

Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 42.9 22.1 41.1#

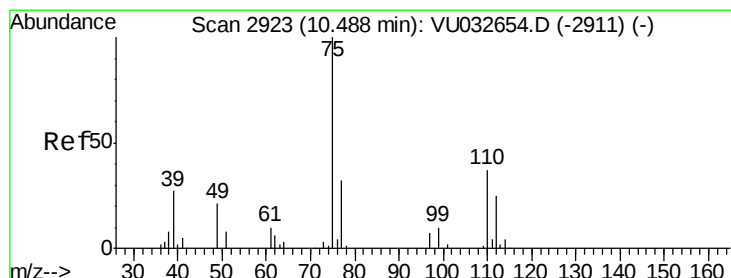
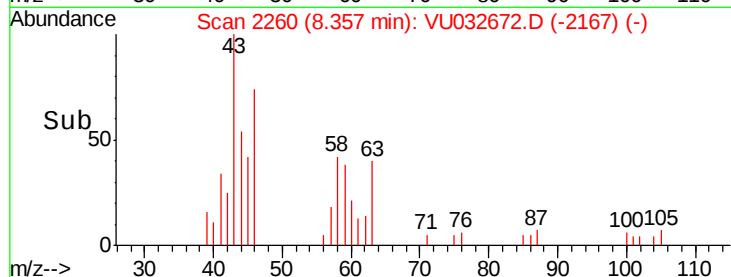
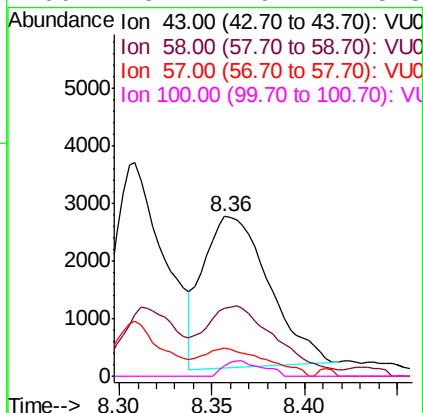
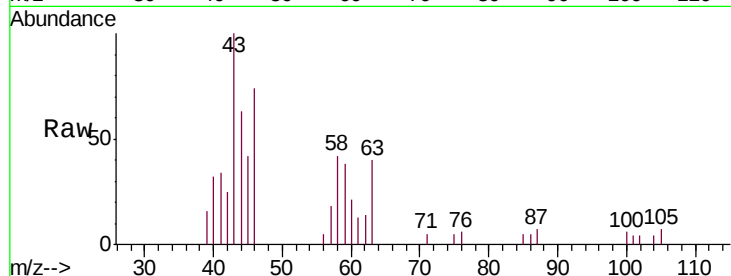




#48
2-Hexanone
Concen: 4.087 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU032672.D
Acq: 12 Jun 2019 23:00

Instrument :
MSVOA_U
ClientSampleId :
COLZ5

Tgt Ion: 43 Resp: 6469
Ion Ratio Lower Upper
43 100
58 46.7 42.0 63.0
57 18.4 14.6 22.0
100 5.2 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.007 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032672.D
Acq: 12 Jun 2019 23:00

Tgt Ion: 75 Resp: 9355
Ion Ratio Lower Upper
75 100
77 37.3 25.6 38.4

