

Data File : VU032555.D
Acq On : 10 Jun 2019 10:41
Operator : JC/SP
Sample : K3277-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8A9

Quant Time: Jun 11 04:44:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213021	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101982	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66209	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.82%
7) Chloroethane-d5	1.68	69	54537	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.27	63	99180	36.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.30%
21) 2-Butanone-d5	4.17	46	109374	94.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.57%
24) Chloroform-d	4.64	84	118932	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	5.30	65	78155	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.33	84	252718	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
36) 1,2-Dichloropropane-d6	6.32	67	79404	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.56	98	233496	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloropropene-	7.85	79	39019	51.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.10%
47) 2-Hexanone-d5	8.31	63	68525	88.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102954	44.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	95540	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

Target Compounds

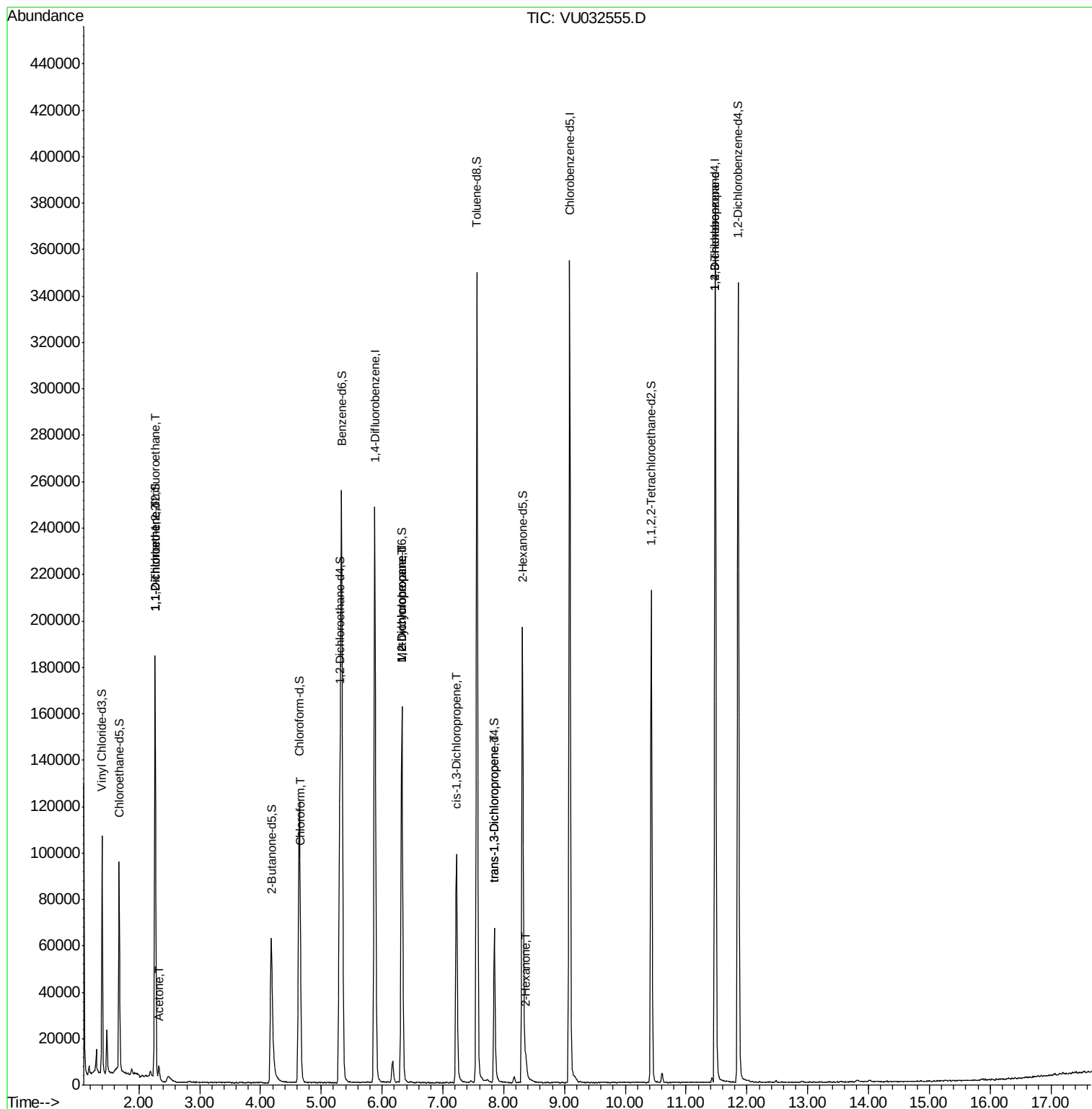
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	950	0.730 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	932	0.737 ug/L #	1
13) Acetone	2.33	43	5954	4.989 ug/L	94
25) Chloroform	4.66	83	2656	1.031 ug/L	90
35) Methylcyclohexane	6.32	83	18114	7.460 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8540	5.844 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2684	1.164 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1934	0.945 ug/L	92
48) 2-Hexanone	8.36	43	6138	3.179 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	12138	6.389 ug/L	89

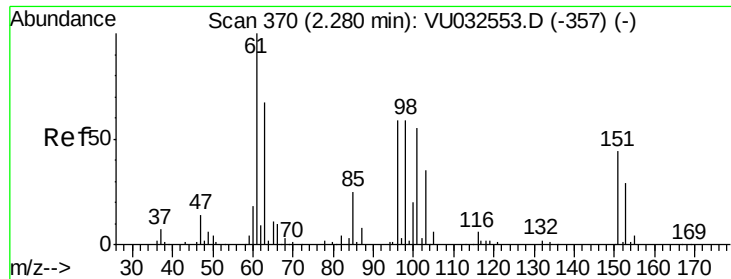
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.730 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

DB8A9

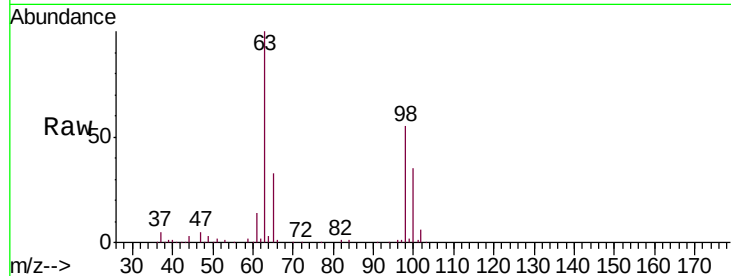
Tgt Ion: 101 Resp: 950

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

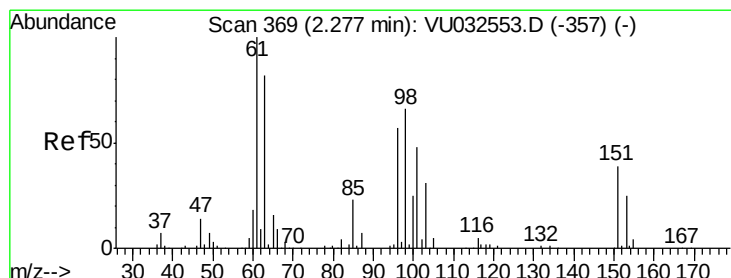
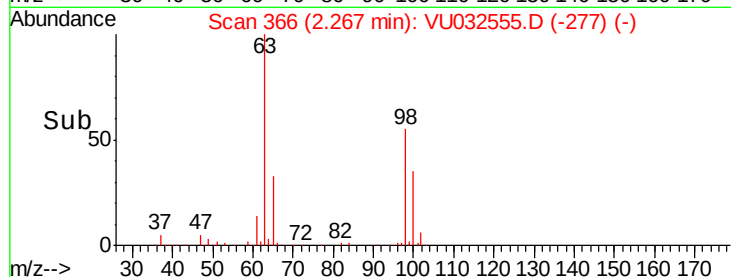
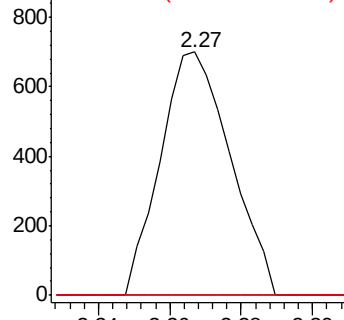
151 0.0 63.0 94.4#



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: 0.737 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032555.D

Acq: 10 Jun 2019 10:41

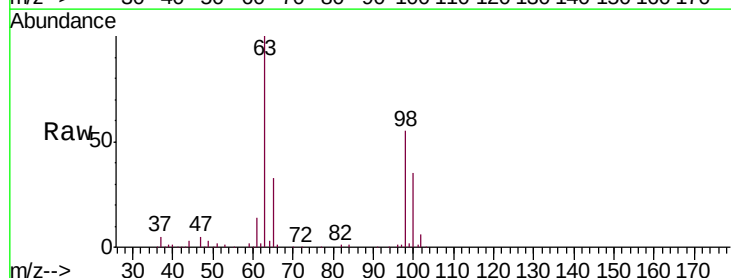
Tgt Ion: 96 Resp: 932

Ion Ratio Lower Upper

96 100

61 1432.8 129.5 240.5#

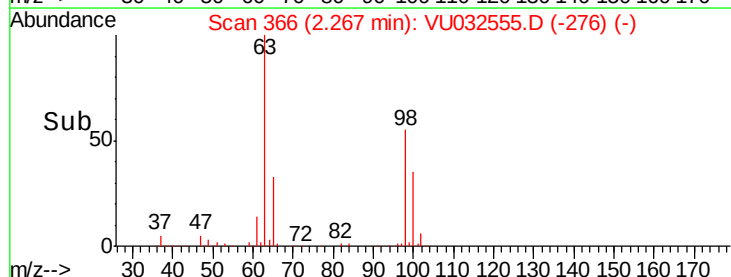
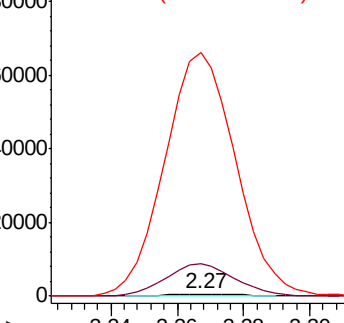
63 10589.4 103.4 192.0#

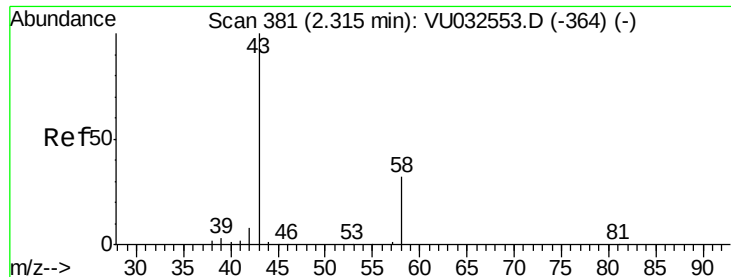


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.989 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.02 min

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ClientSampleId :

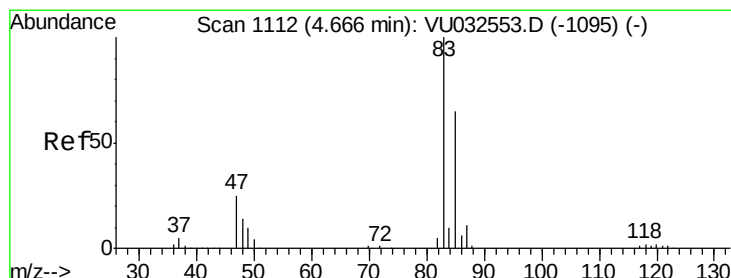
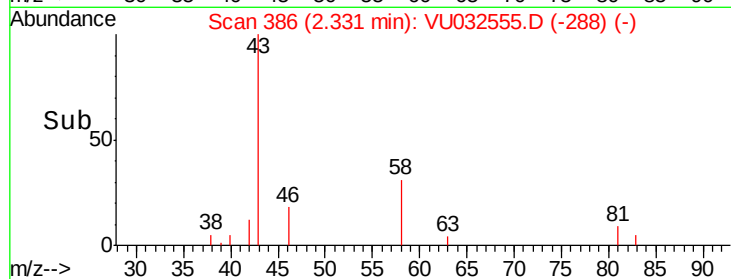
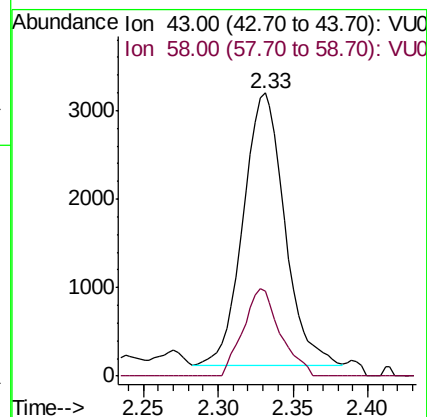
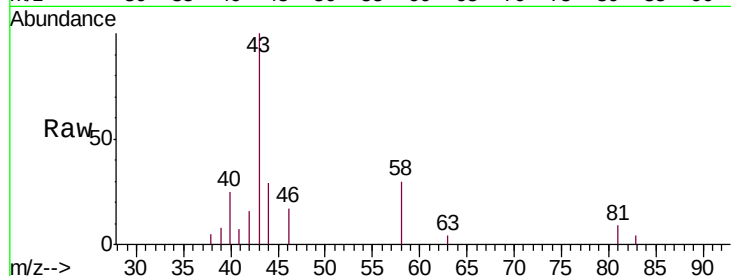
DB8A9

Tgt Ion: 43 Resp: 5954

Ion Ratio Lower Upper

43 100

58 28.6 0.0 64.0



#25

Chloroform

Concen: 1.031 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU032555.D

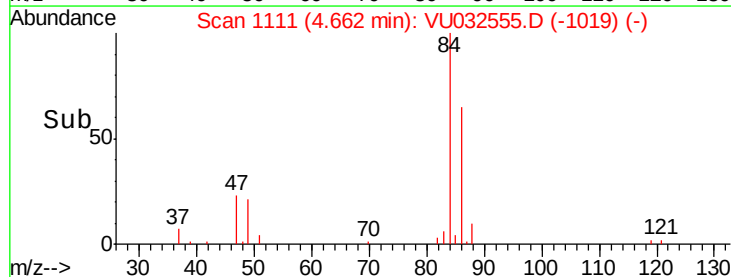
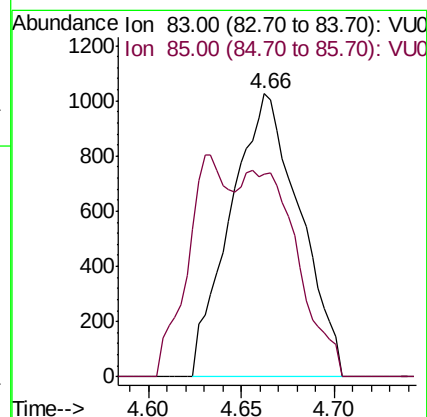
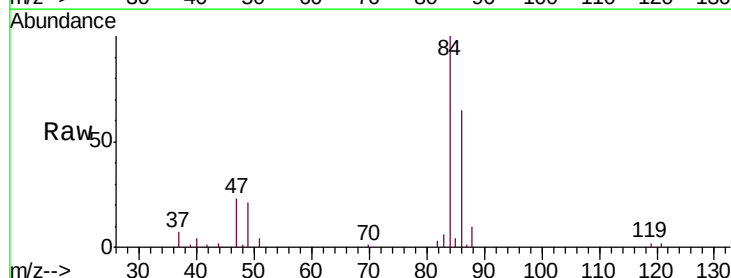
Acq: 10 Jun 2019 10:41

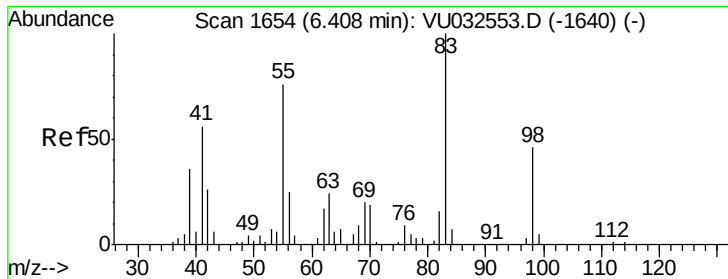
Tgt Ion: 83 Resp: 2656

Ion Ratio Lower Upper

83 100

85 71.5 44.7 82.9

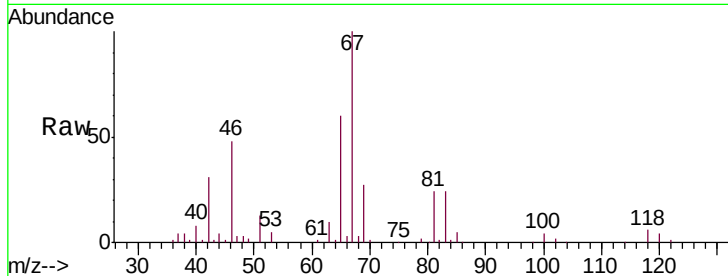




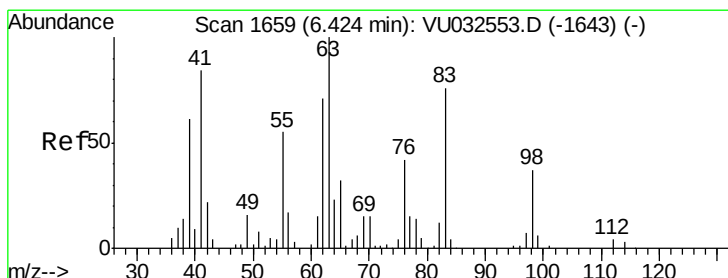
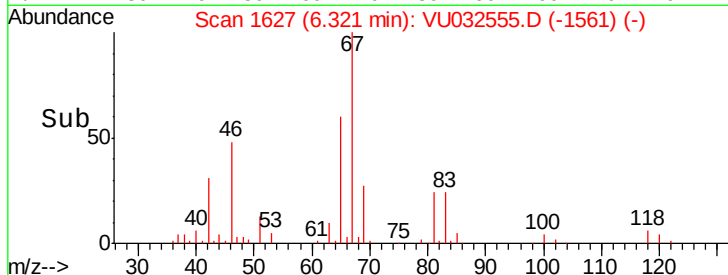
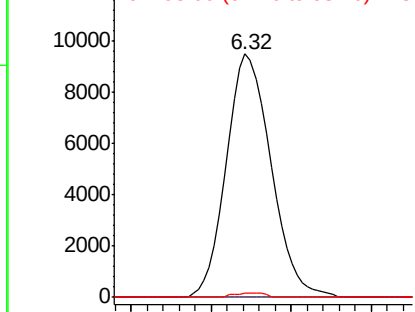
#35
Methylcyclohexane
Concen: 7.460 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.09 min
Lab File: VU032555.D
Acq: 10 Jun 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
DB8A9

Tgt Ion: 83 Resp: 18114
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 1.2 37.4 56.2#

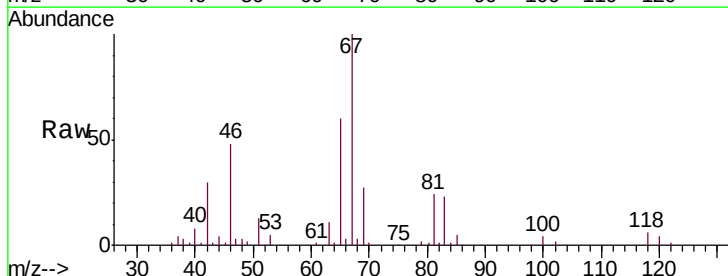


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

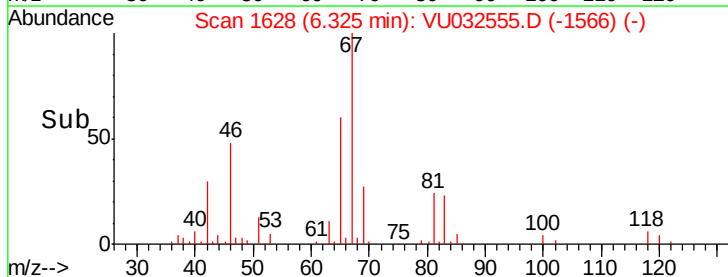
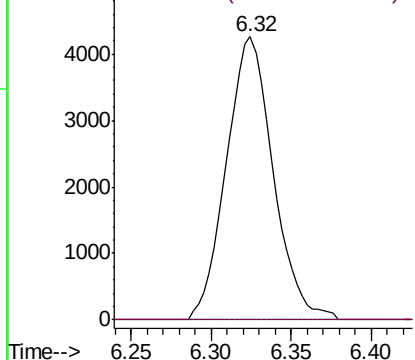


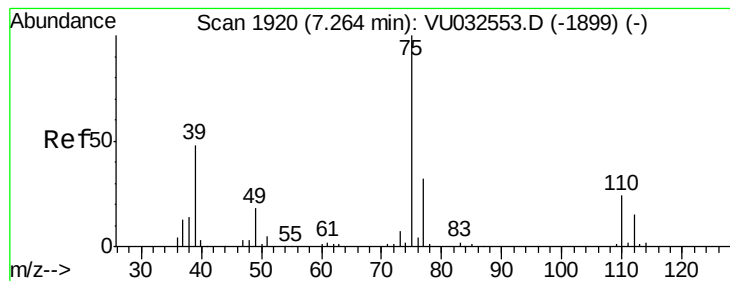
#37
1,2-Dichloropropane
Concen: 5.844 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032555.D
Acq: 10 Jun 2019 10:41

Tgt Ion: 63 Resp: 8540
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: 1.164 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032555.D

Acq: 10 Jun 2019 10:41

Instrument :

MSVOA_U

ClientSampleId :

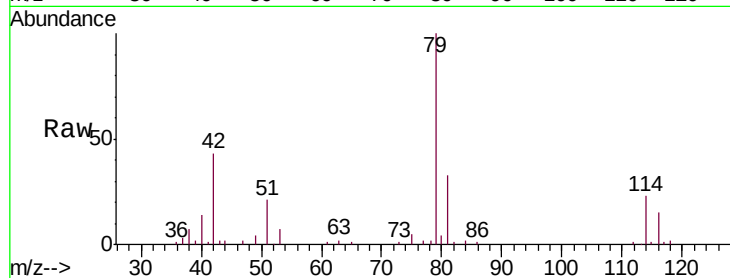
DB8A9

Tgt Ion: 75 Resp: 2684

Ion Ratio Lower Upper

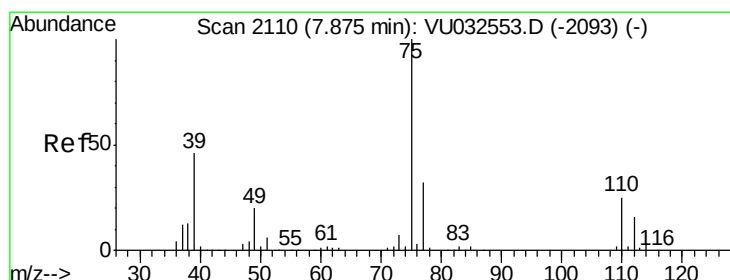
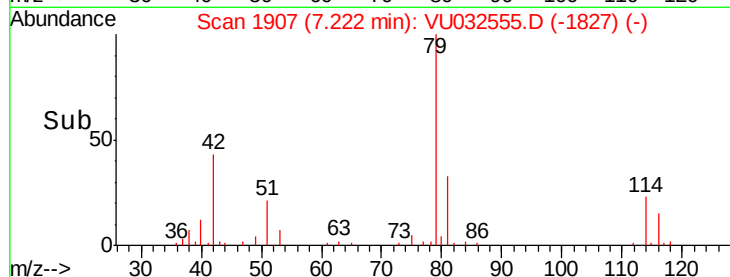
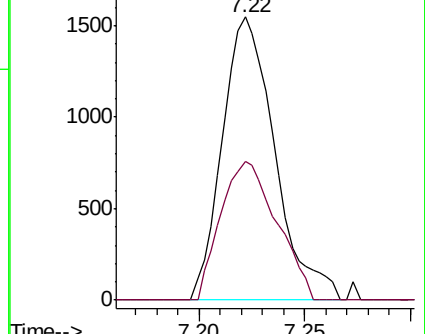
75 100

77 48.8 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: 0.945 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032555.D

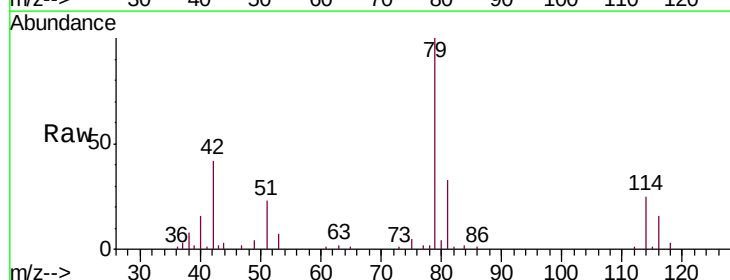
Acq: 10 Jun 2019 10:41

Tgt Ion: 75 Resp: 1934

Ion Ratio Lower Upper

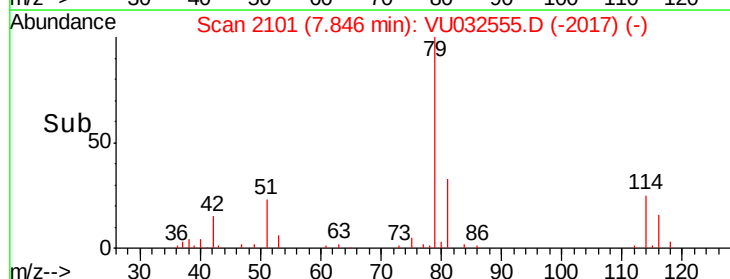
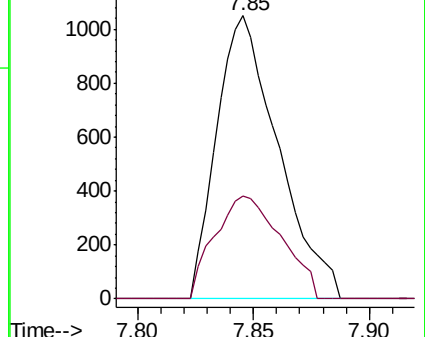
75 100

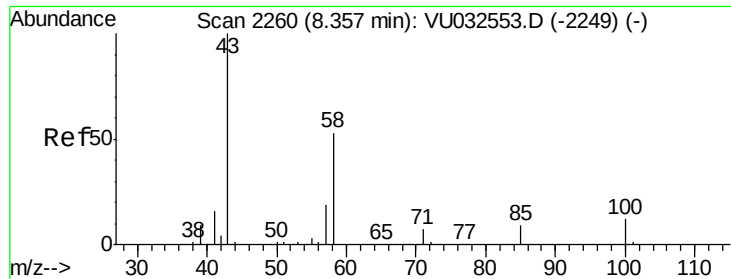
77 36.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

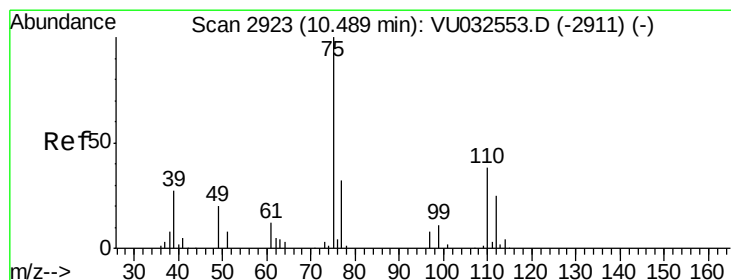
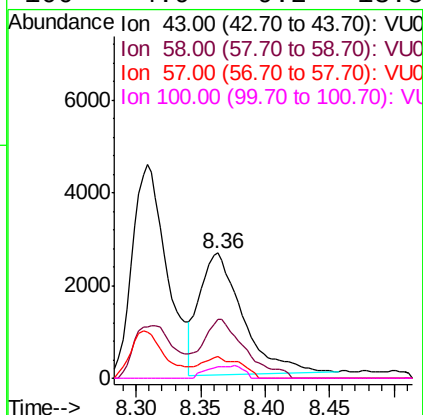
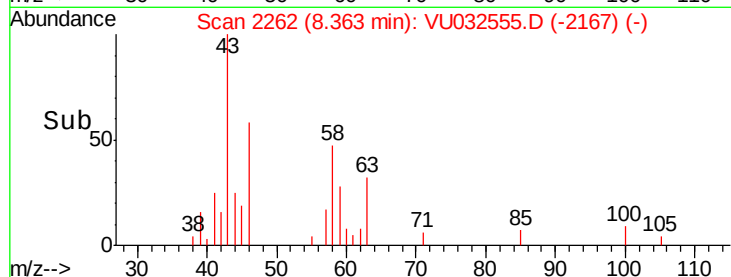
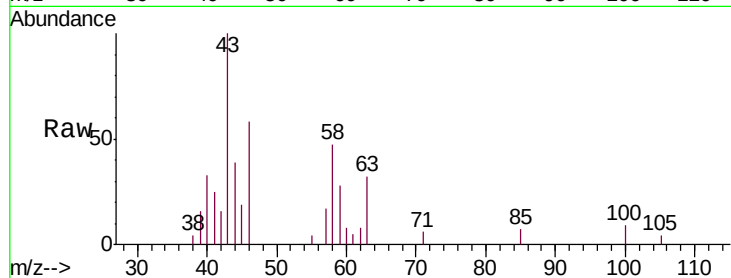




#48
2-Hexanone
Concen: 3.179 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
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Instrument :
MSVOA_U
ClientSampleId :
DB8A9

Tgt Ion: 43 Resp: 6138
Ion Ratio Lower Upper
43 100
58 35.2 42.0 63.0#
57 3.5 14.6 22.0#
100 4.9 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.389 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032555.D
Acq: 10 Jun 2019 10:41

Tgt Ion: 75 Resp: 12138
Ion Ratio Lower Upper
75 100
77 38.2 25.6 38.4

