

Data File : VU032681.D
Acq On : 13 Jun 2019 10:10
Operator : JC/SP
Sample : VLEB#02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB02

Quant Time: Jun 14 01:28:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	165115	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	157659	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53911	50.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.64%
7) Chloroethane-d5	1.68	69	45898	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.64%
11) 1,1-Dichloroethene-d2	2.27	63	82583	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.74%
21) 2-Butanone-d5	4.17	46	102832	114.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.71%
24) Chloroform-d	4.64	84	108819	54.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.94%
26) 1,2-Dichloroethane-d4	5.30	65	74061	58.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.68%
32) Benzene-d6	5.33	84	214771	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
36) 1,2-Dichloropropane-d6	6.32	67	69179	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.80%
41) Toluene-d8	7.56	98	201845	52.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.02%
43) trans-1,3-Dichloropropene-	7.85	79	32137	52.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.64%
47) 2-Hexanone-d5	8.31	63	70714	113.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95572	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	82682	53.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.76%

Target Compounds

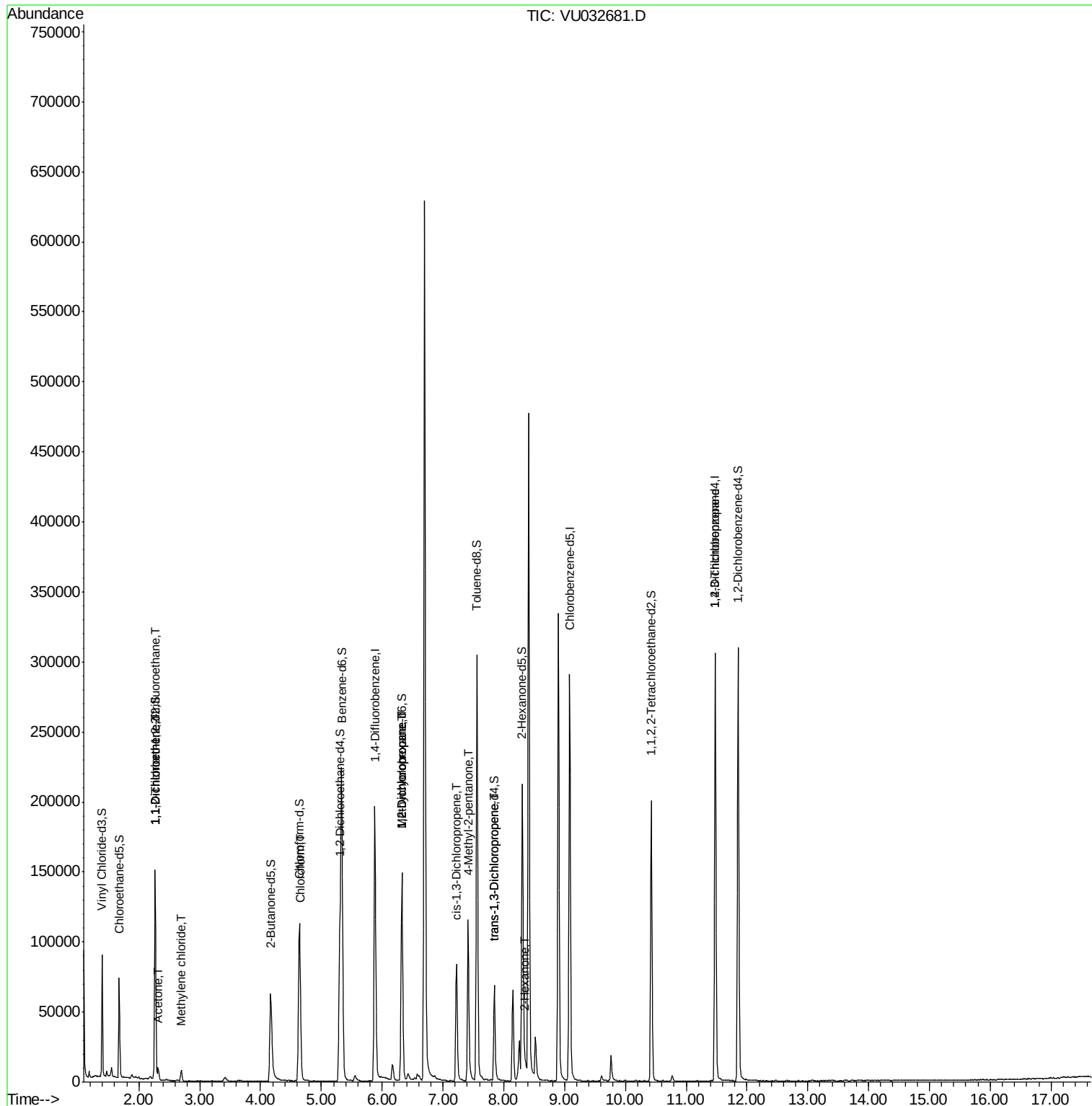
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	655	0.649 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	738	0.753 ug/L #	1
13) Acetone	2.32	43	9070	9.805 ug/L	94
16) Methylene chloride	2.70	84	3374	3.018 ug/L	91
25) Chloroform	4.66	83	1366	0.684 ug/L #	17
35) Methylcyclohexane	6.32	83	16303	8.356 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7854	6.688 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2231	1.204 ug/L #	59
40) 4-Methyl-2-pentanone	7.41	43	42427	22.459 ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	1615	0.982 ug/L	91
48) 2-Hexanone	8.36	43	3403	2.193 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	9796	6.417 ug/L	91

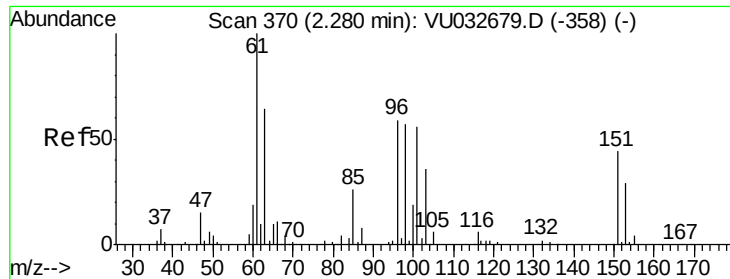
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.649 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032681.D

Acq: 13 Jun 2019 10:10

Instrument :

MSVOA_U

ClientSampled :

VLEB02

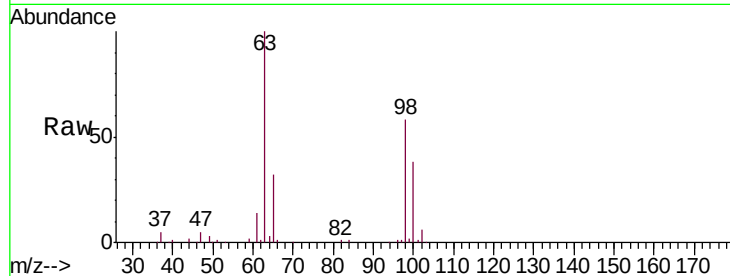
Tgt Ion: 101 Resp: 655

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

2.27

400

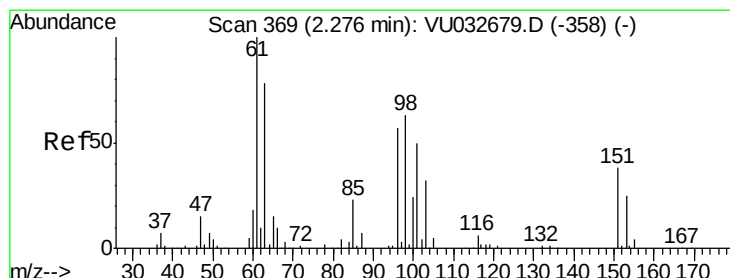
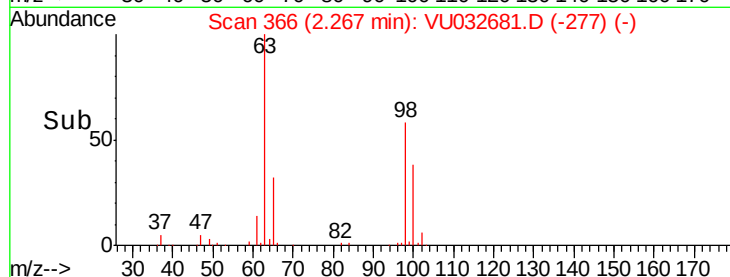
300

200

100

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.753 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU032681.D

Acq: 13 Jun 2019 10:10

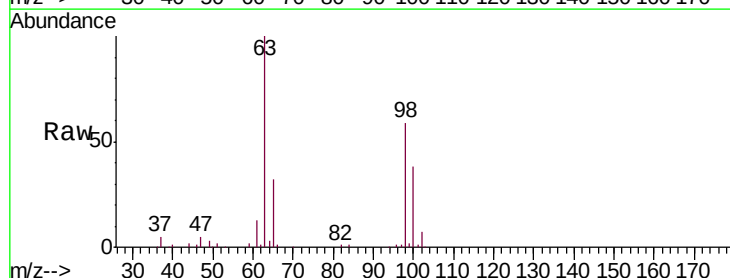
Tgt Ion: 96 Resp: 738

Ion Ratio Lower Upper

96 100

61 1261.4 129.5 240.5#

63 9357.8 103.4 192.0#



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

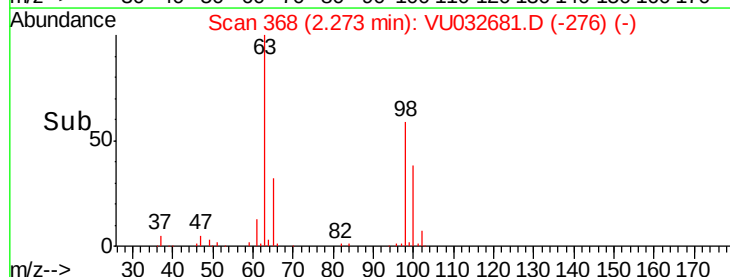
60000

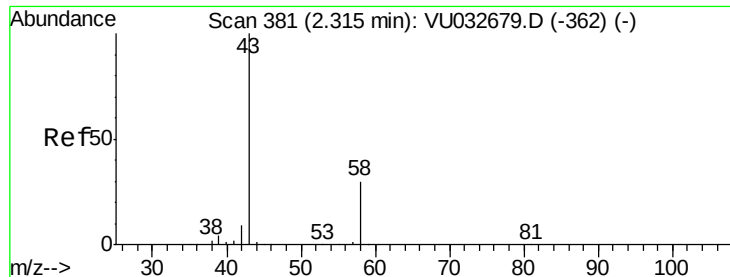
40000

20000

0

Time-->





#13

Acetone

Concen: 9.805 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032681.D

Acq: 13 Jun 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

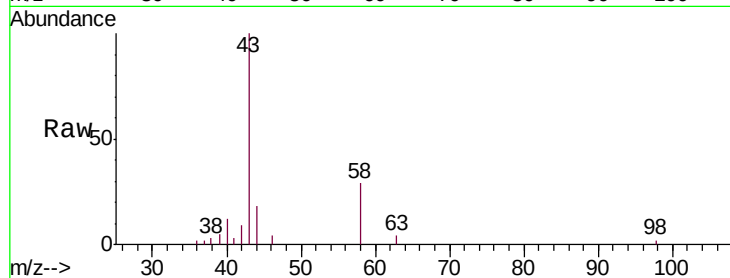
VLEB02

Tgt Ion: 43 Resp: 9070

Ion Ratio Lower Upper

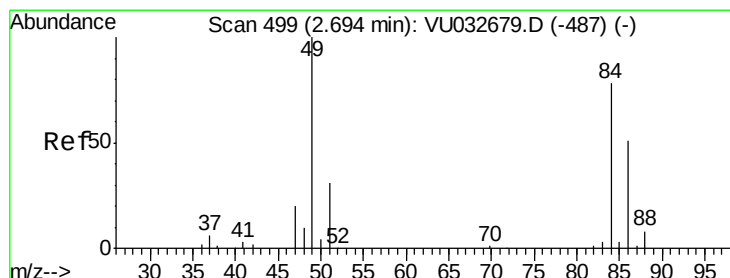
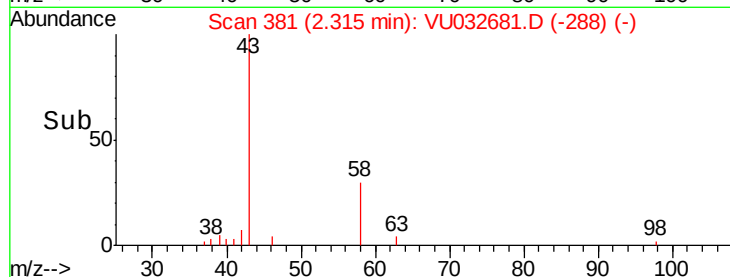
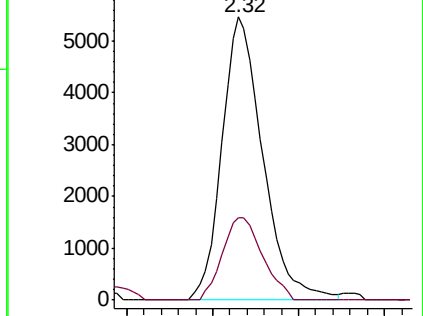
43 100

58 28.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032681.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032681.D (-288) (-)



#16

Methylene chloride

Concen: 3.018 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032681.D

Acq: 13 Jun 2019 10:10

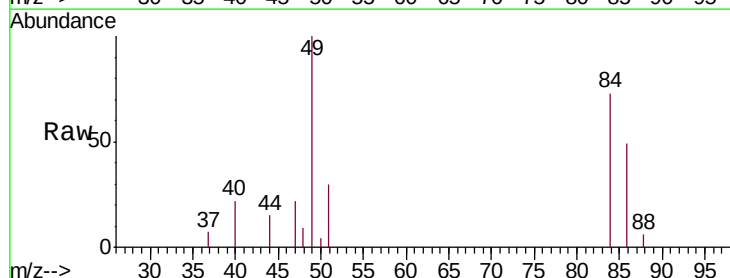
Tgt Ion: 84 Resp: 3374

Ion Ratio Lower Upper

84 100

86 66.3 44.7 82.9

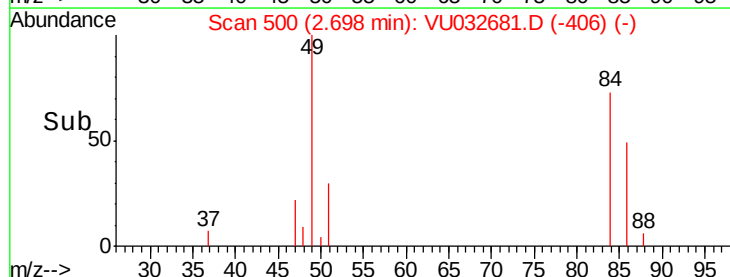
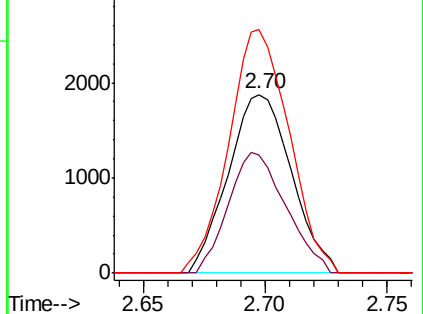
49 136.3 86.1 159.9

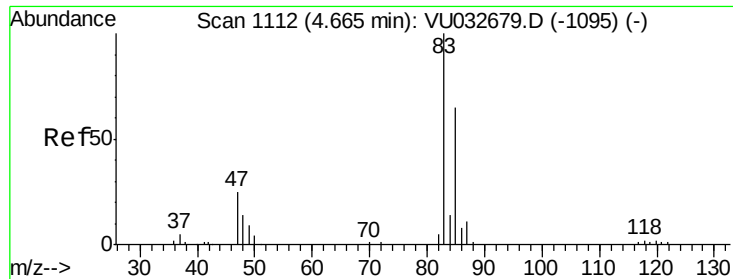


Abundance Ion 84.00 (83.70 to 84.70): VU032681.D (-406) (-)

Ion 86.00 (85.70 to 86.70): VU032681.D (-406) (-)

Ion 49.00 (48.70 to 49.70): VU032681.D (-406) (-)

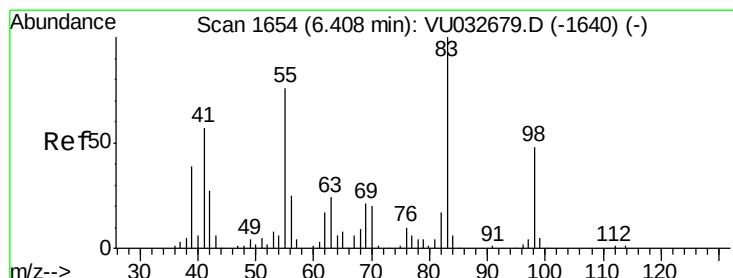
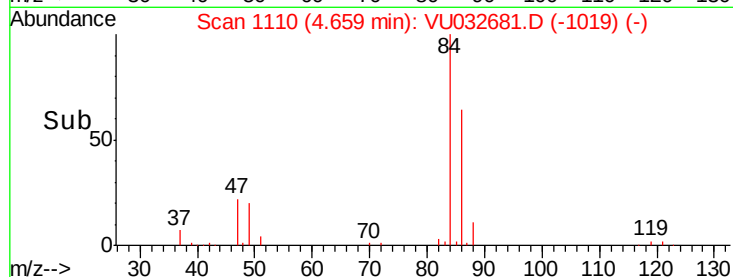
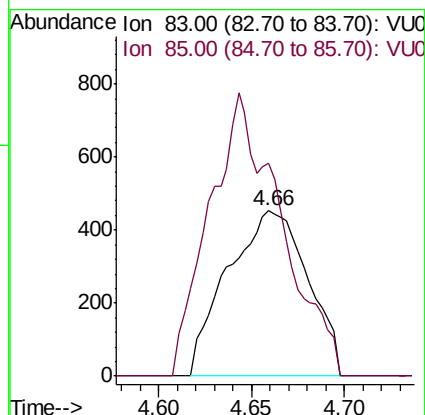
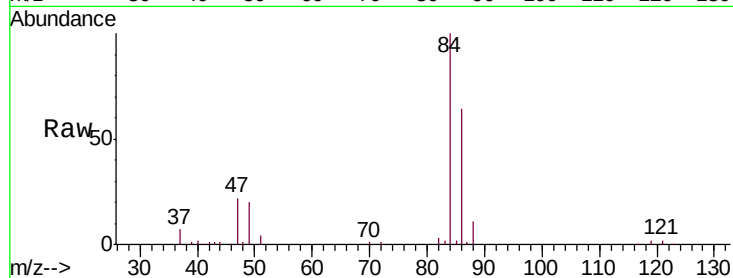




#25
Chloroform
Concen: 0.684 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VU032681.D
Acq: 13 Jun 2019 10:10

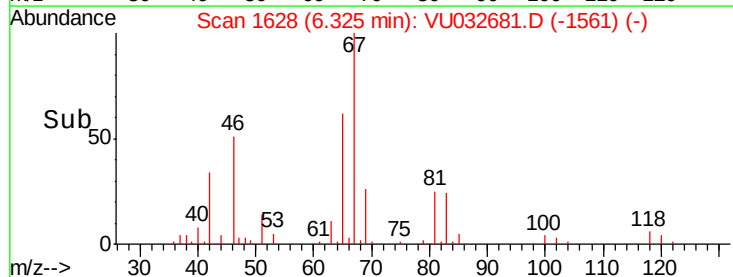
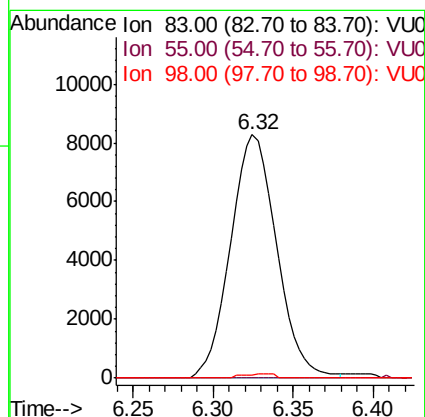
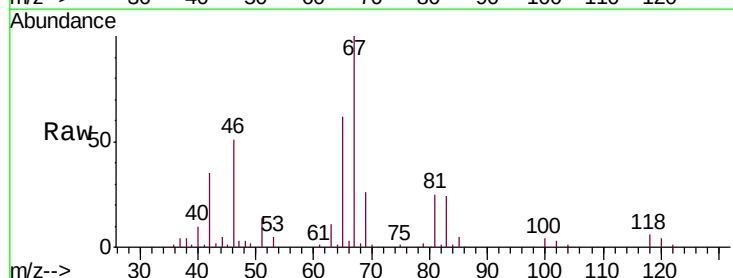
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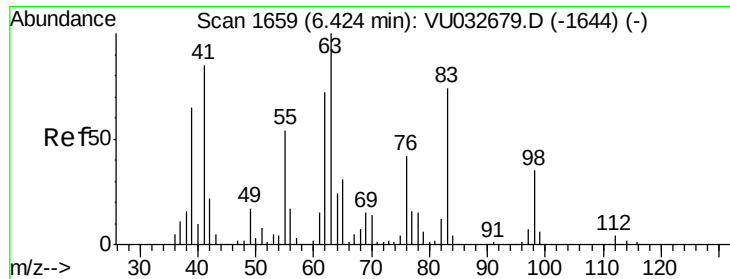
Tgt Ion: 83 Resp: 1366
Ion Ratio Lower Upper
83 100
85 128.7 44.7 82.9#



#35
Methylcyclohexane
Concen: 8.356 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032681.D
Acq: 13 Jun 2019 10:10

Tgt Ion: 83 Resp: 16303
Ion Ratio Lower Upper
83 100
55 0.1 60.2 90.4#
98 0.6 37.4 56.2#

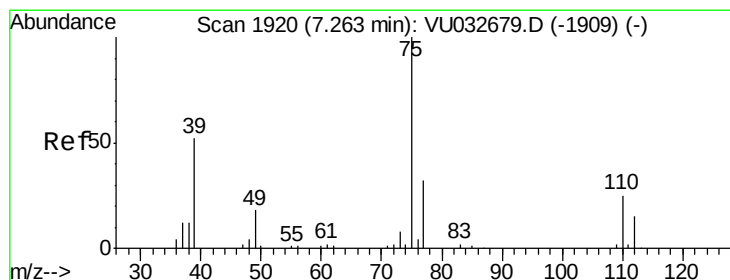
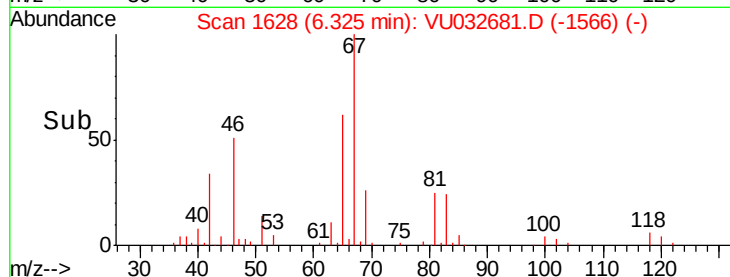
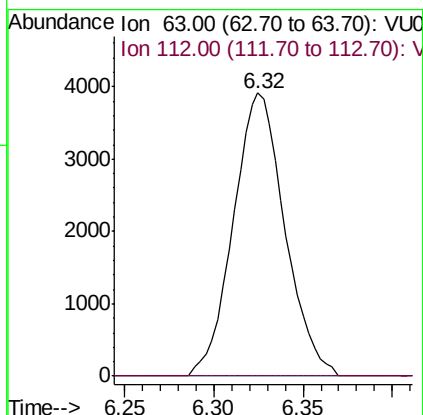
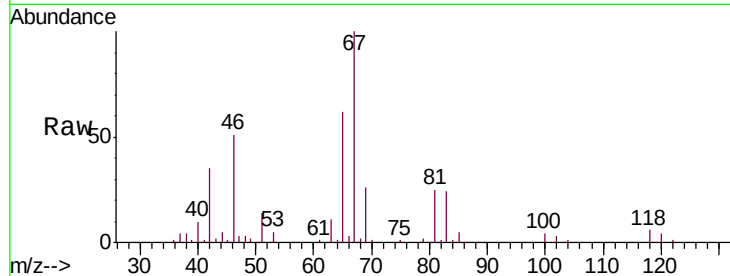




#37
 1,2-Dichloropropane
 Concen: 6.688 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032681.D
 Acq: 13 Jun 2019 10:10

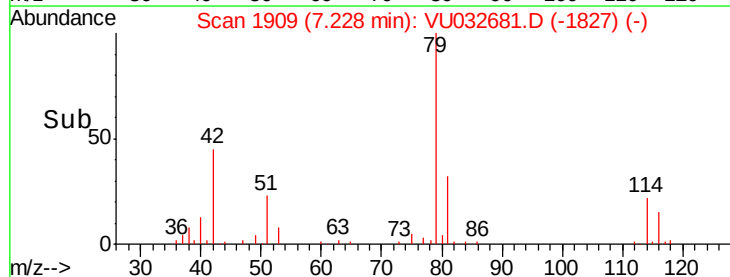
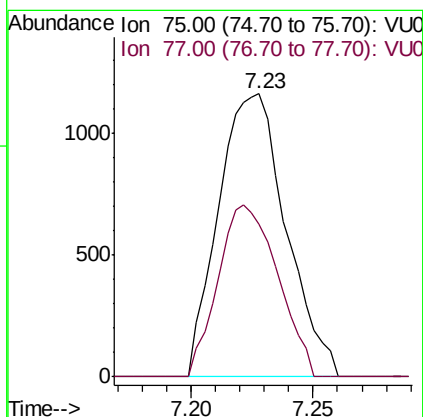
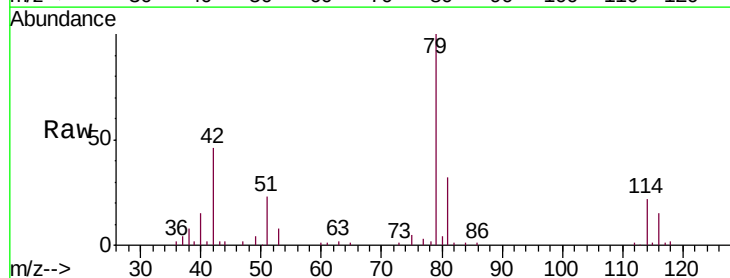
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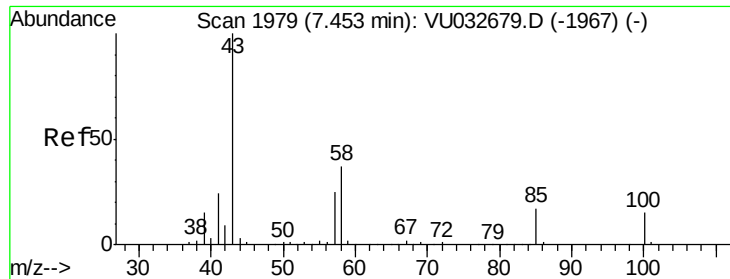
Tgt Ion: 63 Resp: 7854
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.204 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032681.D
 Acq: 13 Jun 2019 10:10

Tgt Ion: 75 Resp: 2231
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.0 41.0#

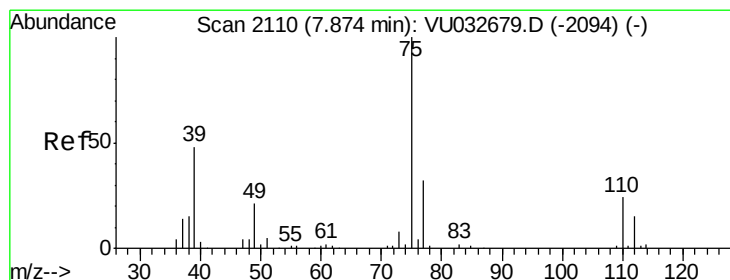
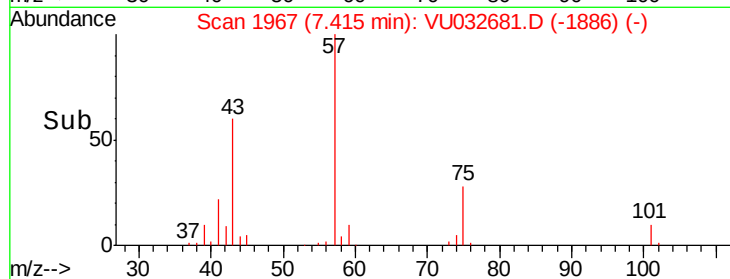
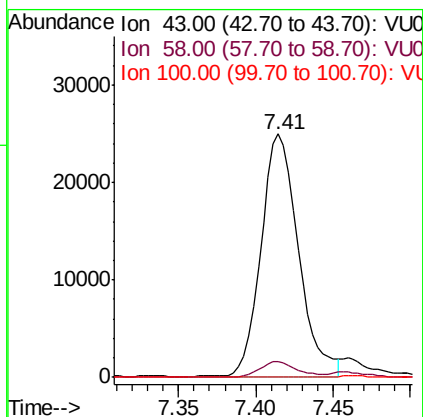
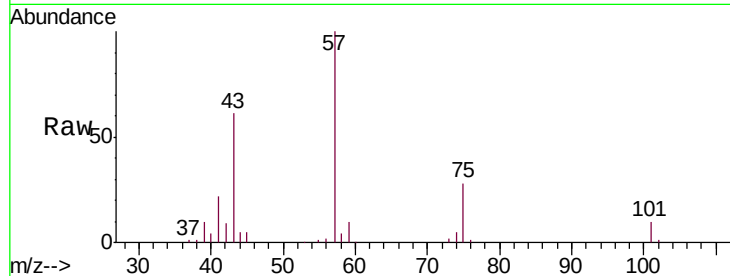




#40
4-Methyl-2-pentanone
Concen: 22.459 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032681.D
Acq: 13 Jun 2019 10:10

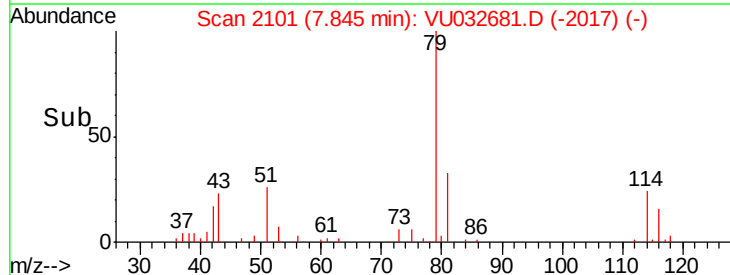
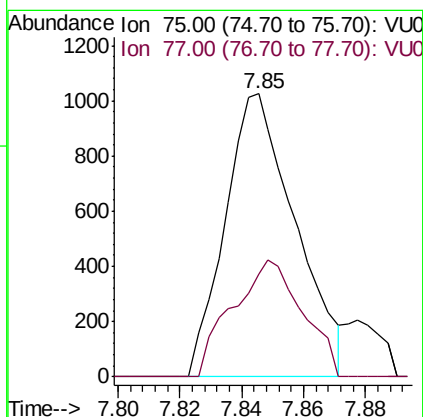
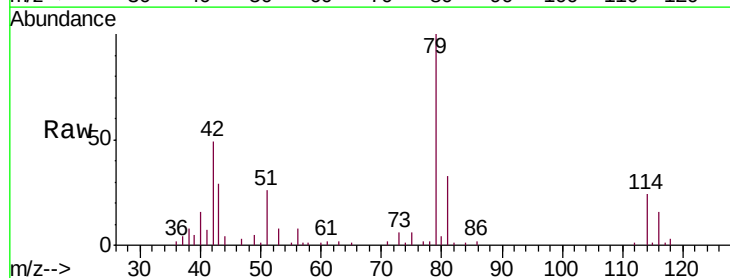
Instrument :
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ClientSampleId :
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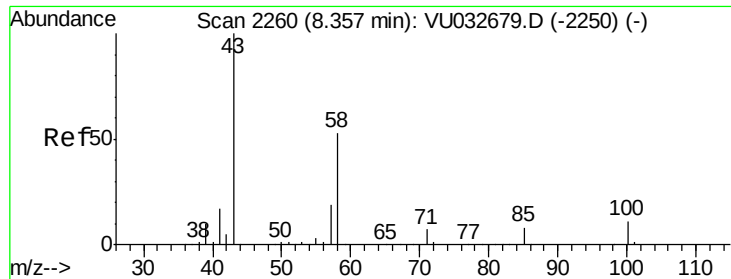
Tgt Ion: 43 Resp: 42427
Ion Ratio Lower Upper
43 100
58 6.4 30.8 46.2#
100 0.0 12.1 18.1#



#44
trans-1,3-Dichloropropene
Concen: 0.982 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032681.D
Acq: 13 Jun 2019 10:10

Tgt Ion: 75 Resp: 1615
Ion Ratio Lower Upper
75 100
77 36.5 22.1 41.1

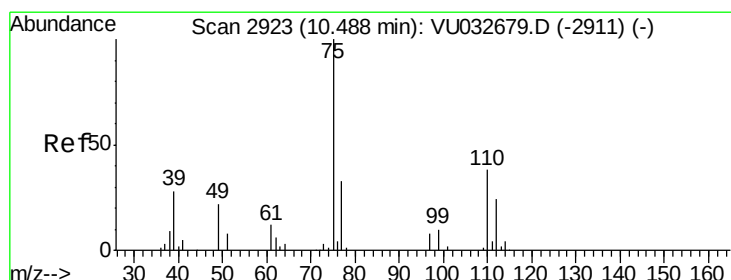
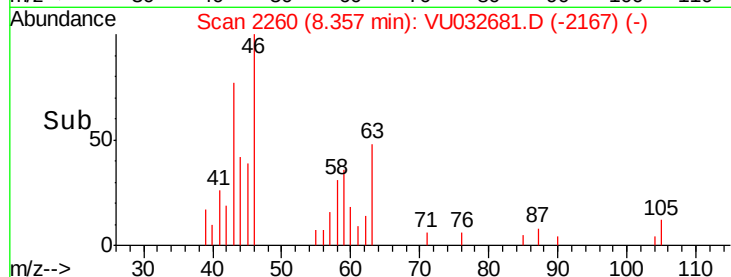
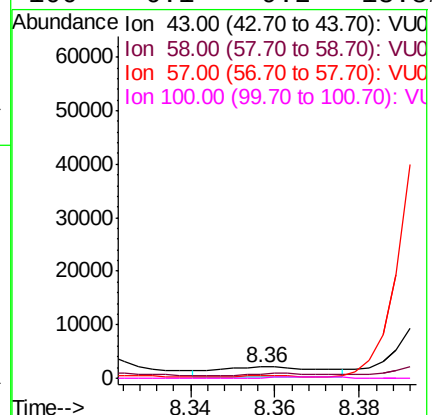
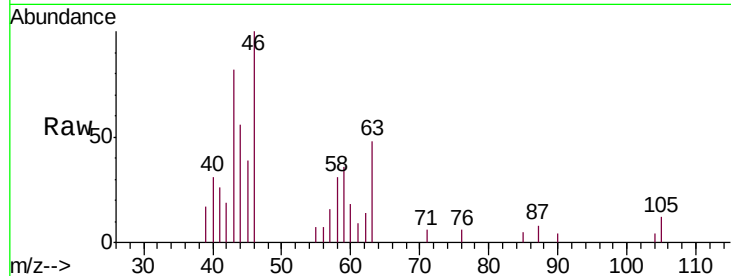




#48
2-Hexanone
Concen: 2.193 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU032681.D
Acq: 13 Jun 2019 10:10

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MSVOA_U
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Tgt Ion: 43 Resp: 3403
Ion Ratio Lower Upper
43 100
58 39.6 42.0 63.0#
57 3.6 14.6 22.0#
100 6.1 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.417 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032681.D
Acq: 13 Jun 2019 10:10

Tgt Ion: 75 Resp: 9796
Ion Ratio Lower Upper
75 100
77 37.3 25.6 38.4

