

Data File : VU032582.D
Acq On : 10 Jun 2019 21:56
Operator : JC/SP
Sample : K3277-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8C3

Quant Time: Jun 11 05:43:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191375	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	176123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61149	49.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.50%
7) Chloroethane-d5	1.68	69	49820	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.86%
11) 1,1-Dichloroethene-d2	2.27	63	90714	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.62%
21) 2-Butanone-d5	4.17	46	110724	106.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.56%
24) Chloroform-d	4.64	84	114070	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	5.30	65	76007	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
32) Benzene-d6	5.34	84	235127	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
36) 1,2-Dichloropropane-d6	6.32	67	74478	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.90%
41) Toluene-d8	7.56	98	213950	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%
43) trans-1,3-Dichloropropene-	7.85	79	34260	49.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.86%
47) 2-Hexanone-d5	8.31	63	70776	101.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103881	50.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	84700	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	720	0.616 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	762	0.671 ug/L #	1
13) Acetone	2.32	43	11815	11.020 ug/L	100
27) 1,2-Dichloroethane	5.34	62	1049	0.573 ug/L #	75
34) Trichloroethene	6.18	95	50065	37.187 ug/L	98
35) Methylcyclohexane	6.32	83	16830	7.722 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	8510	6.487 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2289	1.106 ug/L #	51
44) trans-1,3-Dichloropropene	7.84	75	1503	0.818 ug/L	91
48) 2-Hexanone	8.36	43	4288	2.474 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	9987	5.857 ug/L	93

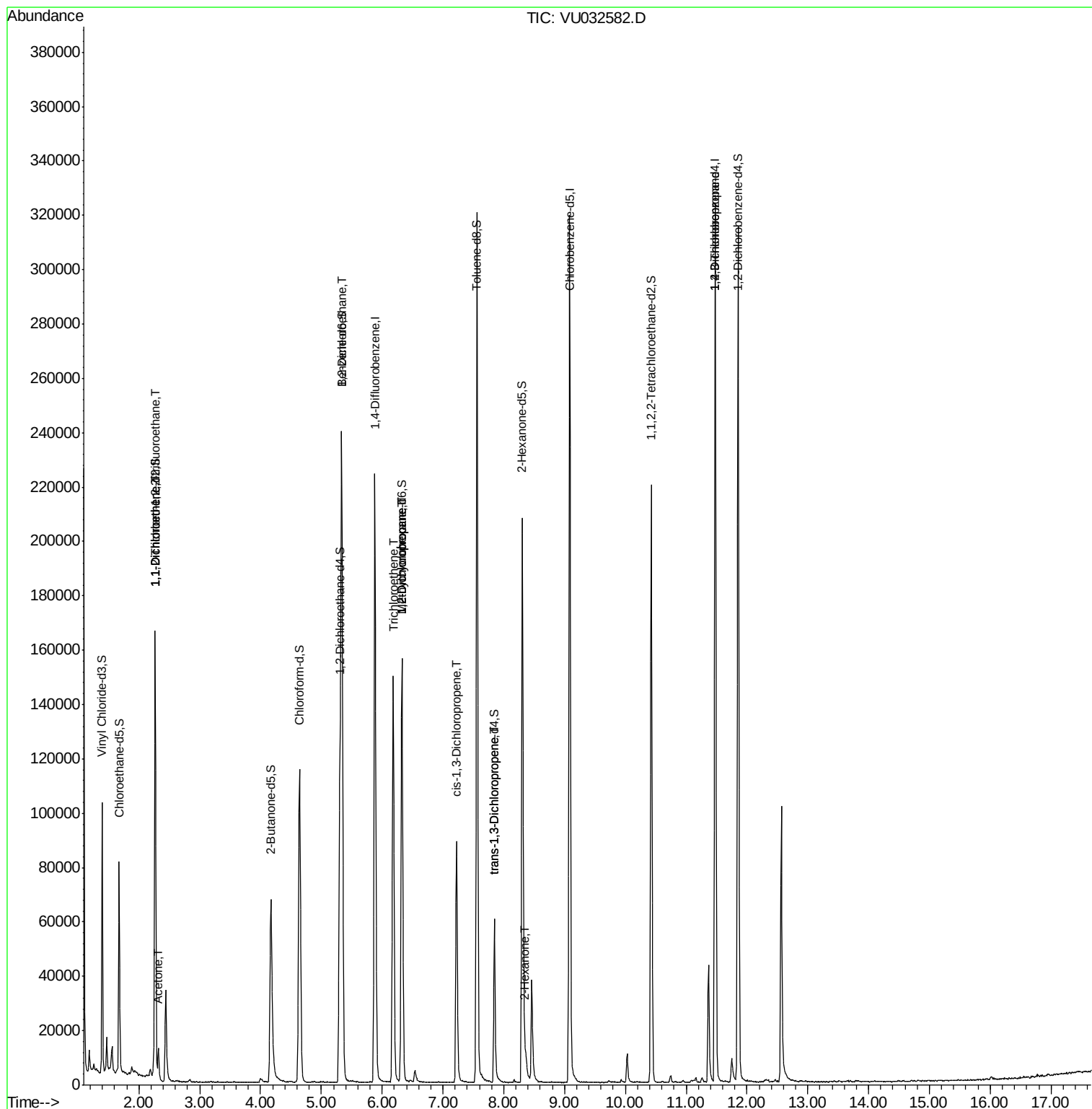
(#) = qualifier out of range (m) = manual integration (+) = signals summed

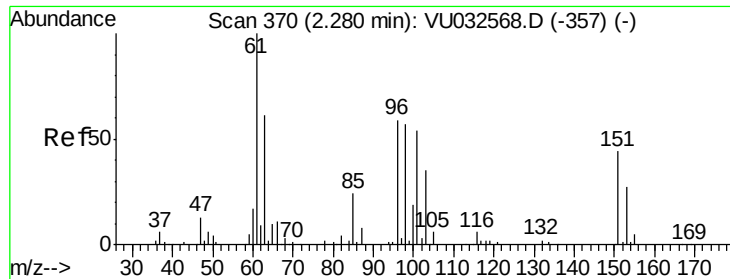
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Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.616 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

DB8C3

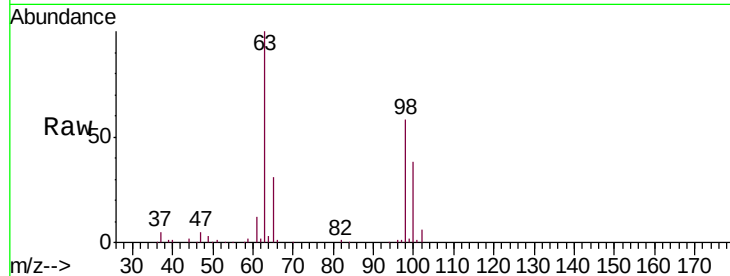
Tgt Ion: 101 Resp: 720

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

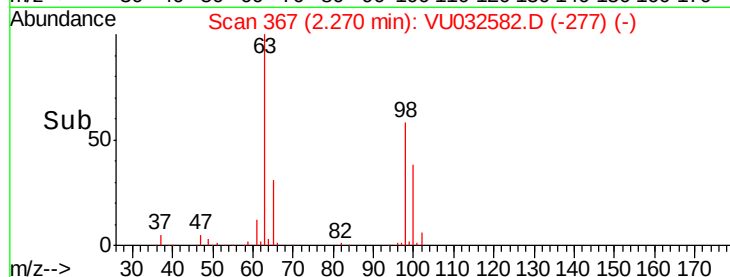
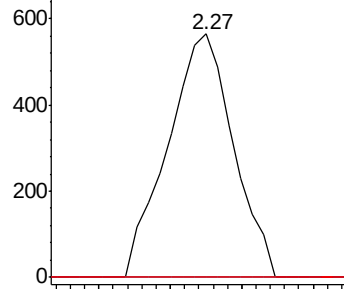
151 0.0 63.0 94.4#



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: 0.671 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032582.D

Acq: 10 Jun 2019 21:56

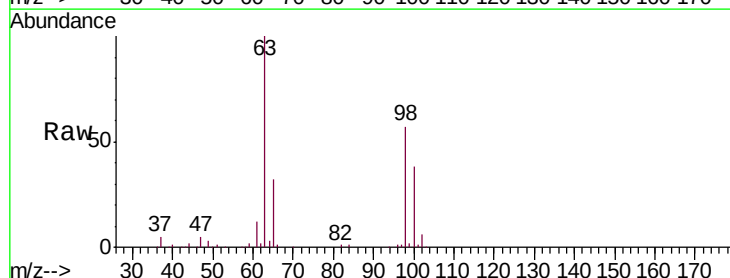
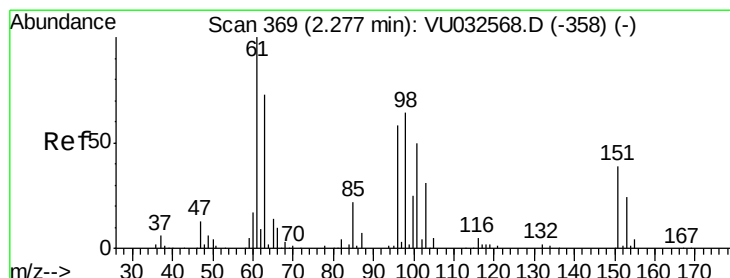
Tgt Ion: 96 Resp: 762

Ion Ratio Lower Upper

96 100

61 1426.9 129.5 240.5#

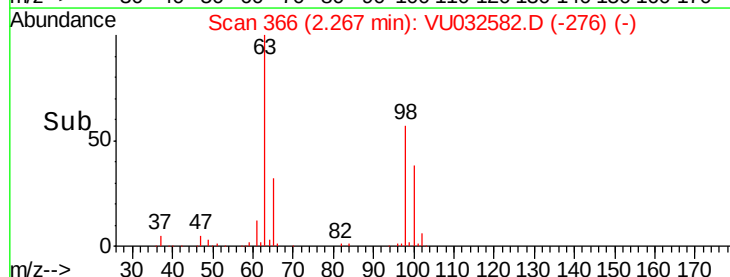
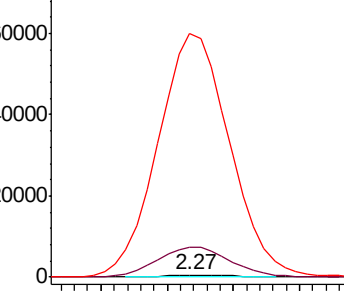
63 11532.3 103.4 192.0#

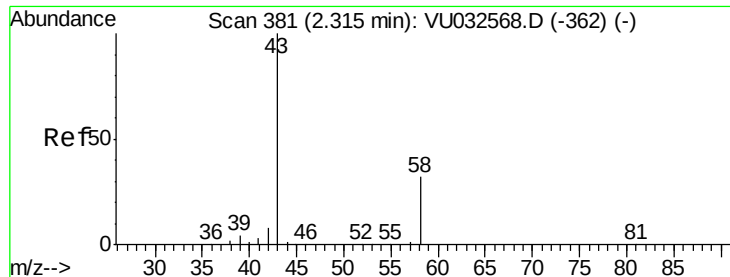


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 11.020 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032582.D

Acq: 10 Jun 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

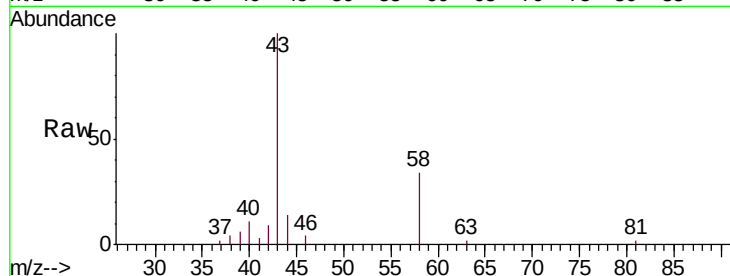
DB8C3

Tgt Ion: 43 Resp: 11815

Ion Ratio Lower Upper

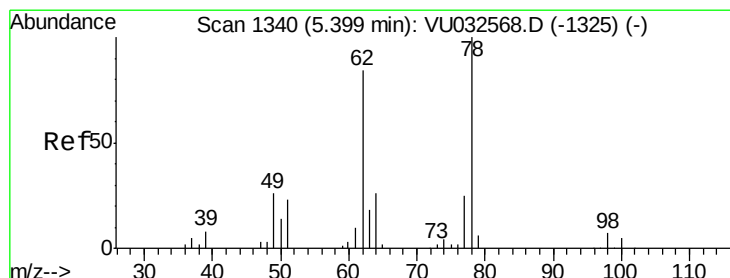
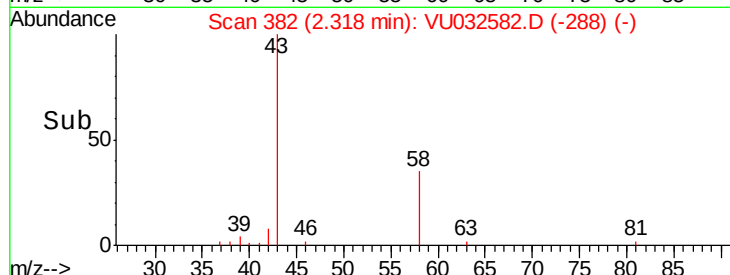
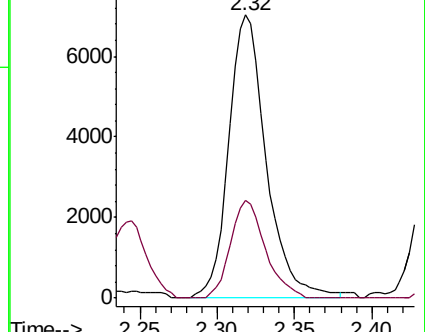
43 100

58 31.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032568.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032568.D (-362) (-)



#27

1,2-Dichloroethane

Concen: 0.573 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032582.D

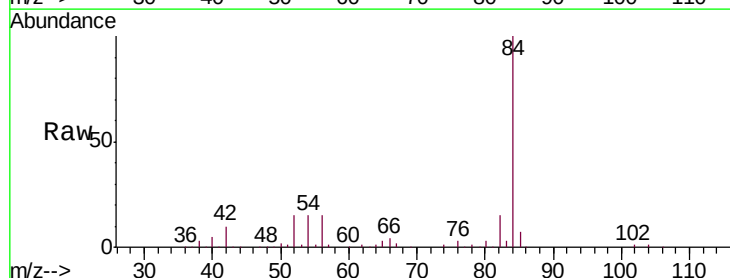
Acq: 10 Jun 2019 21:56

Tgt Ion: 62 Resp: 1049

Ion Ratio Lower Upper

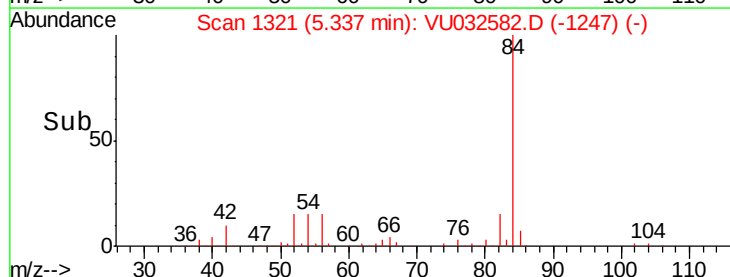
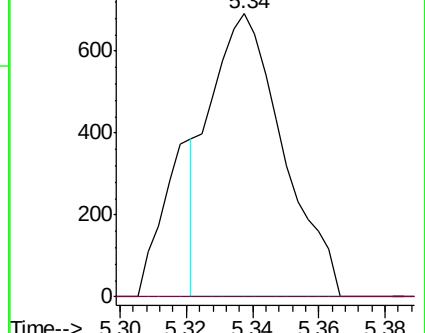
62 100

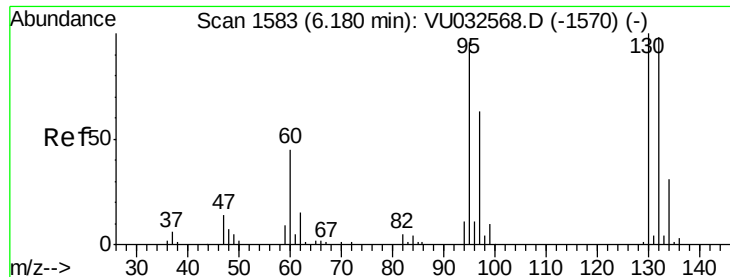
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032568.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032568.D (-1325) (-)





#34

Trichloroethene

Concen: 37.187 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032582.D

Acq: 10 Jun 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

DB8C3

Tgt Ion: 95 Resp: 50065

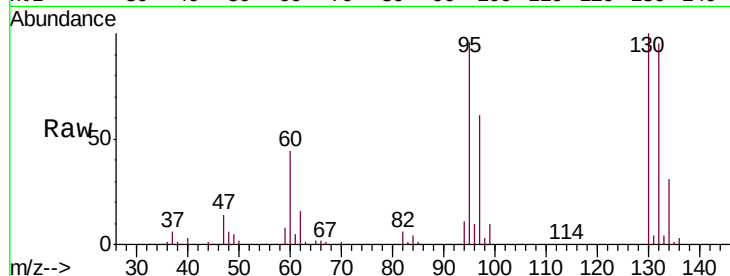
Ion Ratio Lower Upper

95 100

97 63.3 45.8 85.2

132 98.6 71.0 131.8

130 103.8 73.4 136.2

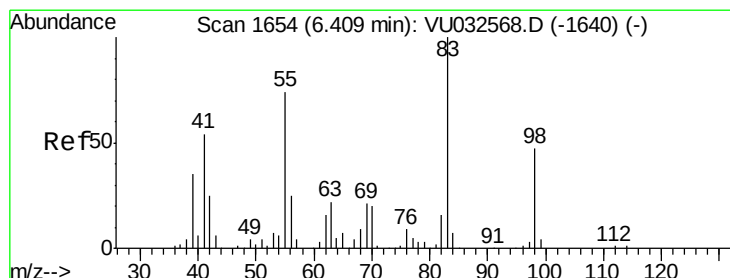
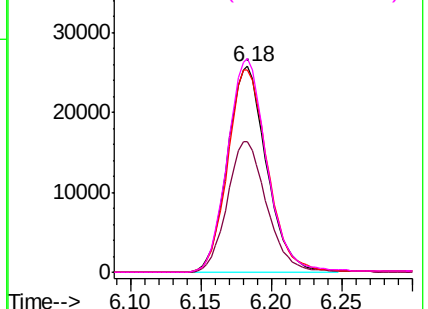
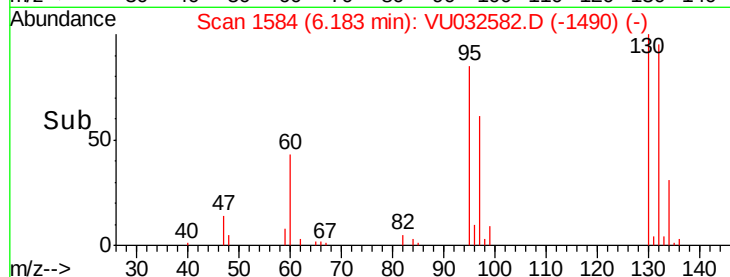


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.722 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032582.D

Acq: 10 Jun 2019 21:56

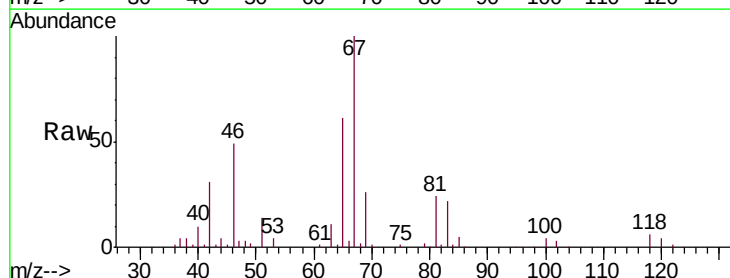
Tgt Ion: 83 Resp: 16830

Ion Ratio Lower Upper

83 100

55 1.3 60.2 90.4#

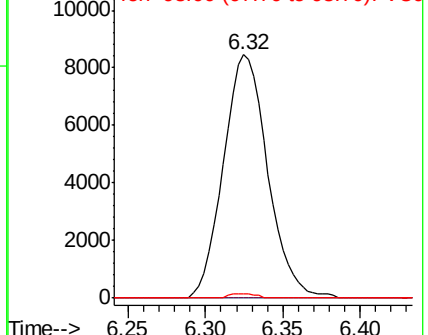
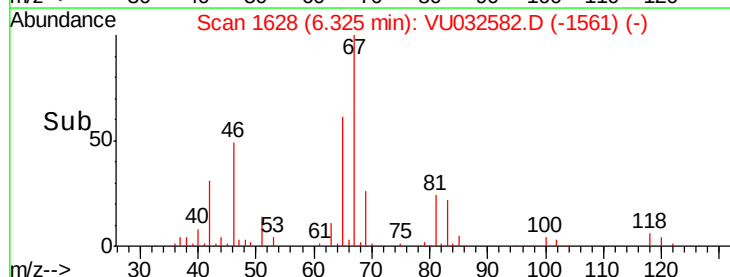
98 1.1 37.4 56.2#

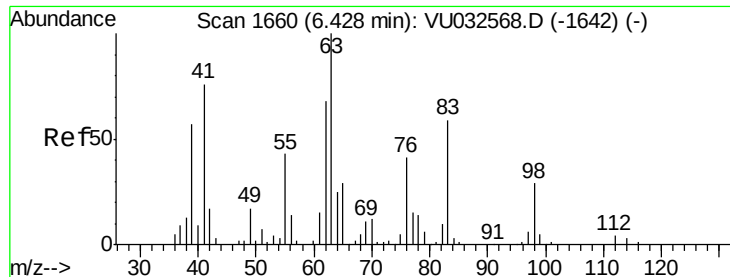


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

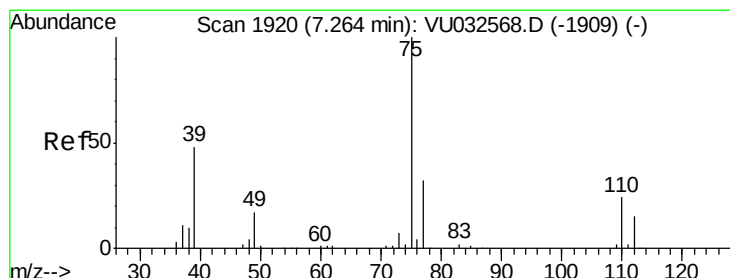
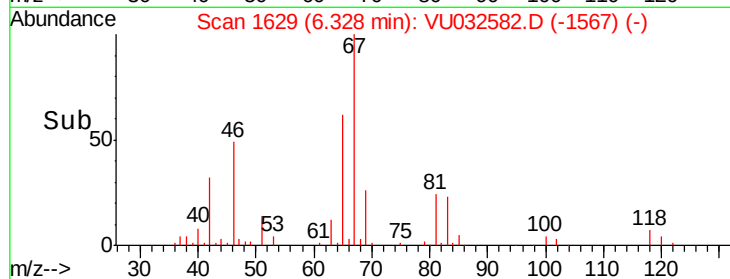
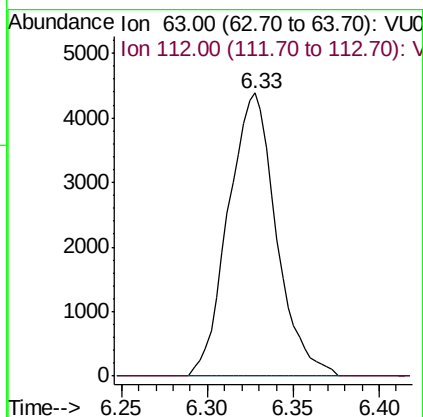
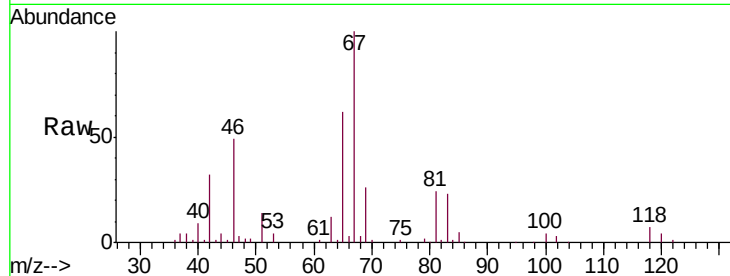




#37
 1,2-Dichloropropane
 Concen: 6.487 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032582.D
 Acq: 10 Jun 2019 21:56

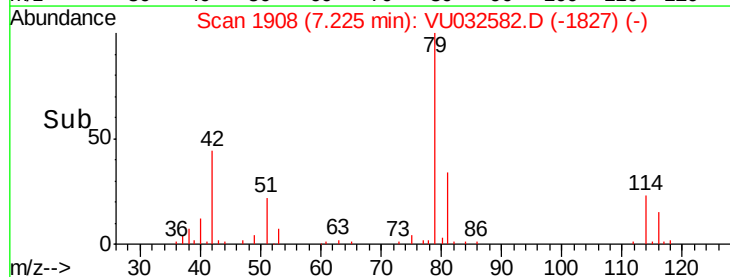
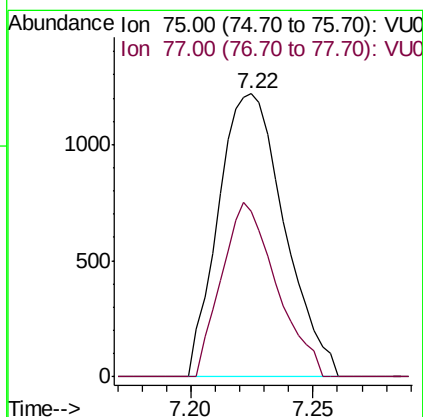
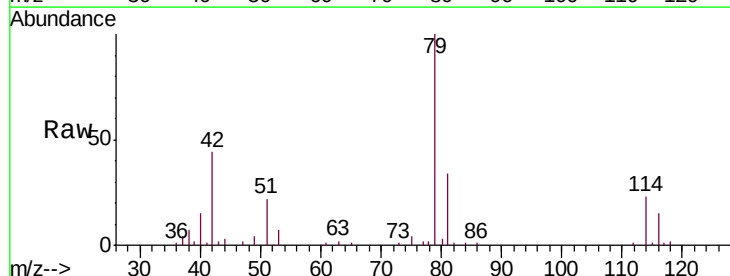
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8C3

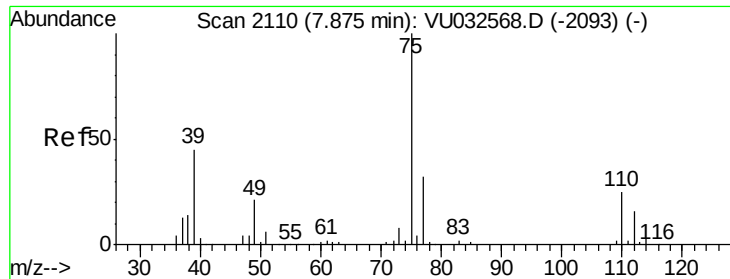
Tgt Ion: 63 Resp: 8510
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.106 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032582.D
 Acq: 10 Jun 2019 21:56

Tgt Ion: 75 Resp: 2289
 Ion Ratio Lower Upper
 75 100
 77 58.6 22.0 41.0#

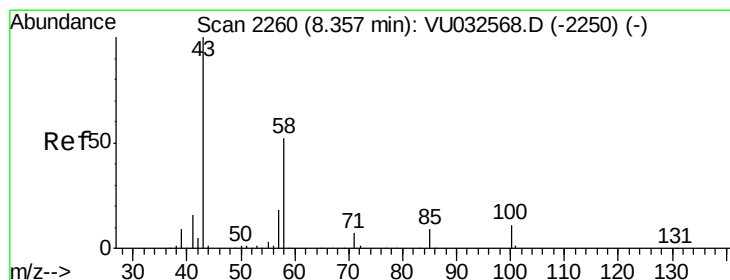
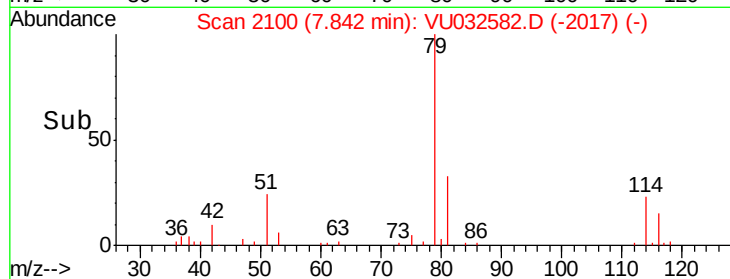
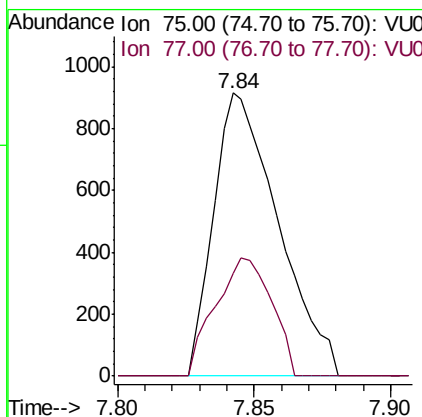
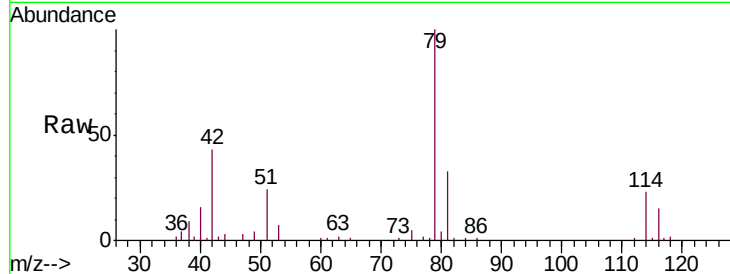




#44
 trans-1,3-Dichloropropene
 Concen: 0.818 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032582.D
 Acq: 10 Jun 2019 21:56

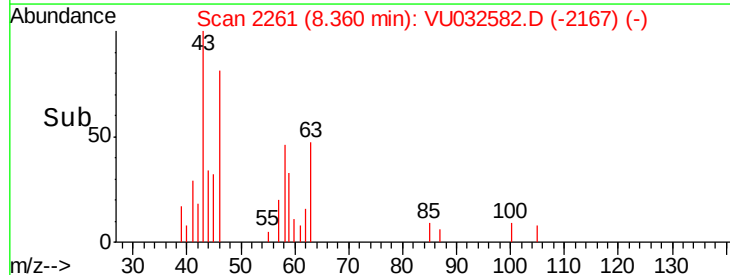
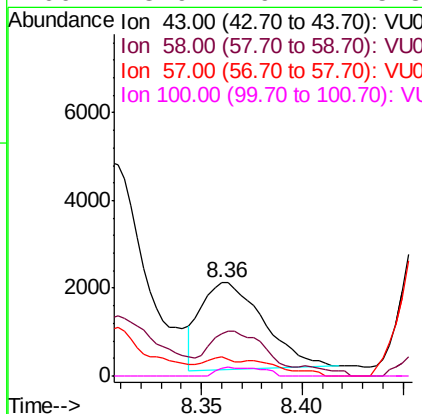
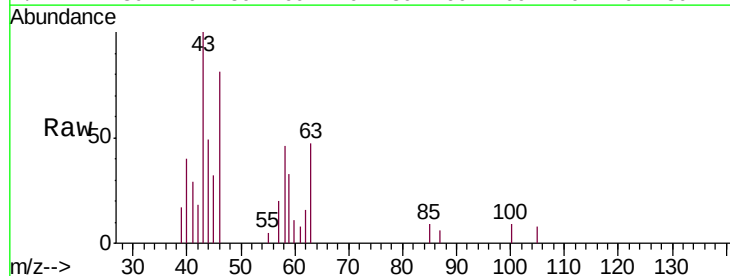
Instrument :
 MSVOA_U
 ClientSampled :
 DB8C3

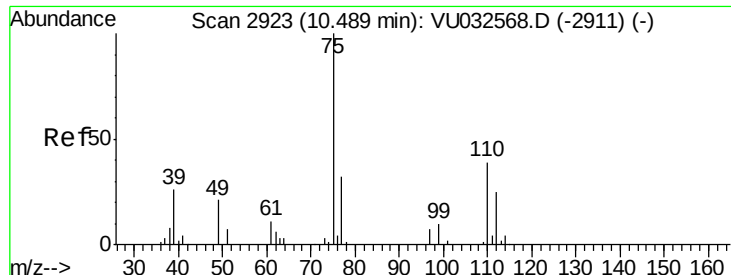
Tgt Ion: 75 Resp: 1503
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.1 41.1



#48
 2-Hexanone
 Concen: 2.474 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032582.D
 Acq: 10 Jun 2019 21:56

Tgt Ion: 43 Resp: 4288
 Ion Ratio Lower Upper
 43 100
 58 35.4 42.0 63.0#
 57 3.4 14.6 22.0#
 100 3.9 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 5.857 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032582.D
 Acq: 10 Jun 2019 21:56

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C3

Tgt Ion: 75 Resp: 9987
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.6 38.4

