

Data File : VU032639.D
Acq On : 12 Jun 2019 10:21
Operator : JC/SP
Sample : K3293-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8R4

Quant Time: Jun 13 05:04:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 13 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	165756	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	157490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58192	54.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.22%
7) Chloroethane-d5	1.68	69	45795	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.98%
11) 1,1-Dichloroethene-d2	2.27	63	87484	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.10%
21) 2-Butanone-d5	4.17	46	80993	90.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.00%
24) Chloroform-d	4.64	84	102446	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
26) 1,2-Dichloroethane-d4	5.30	65	69273	54.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.66%
32) Benzene-d6	5.33	84	212472	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
36) 1,2-Dichloropropane-d6	6.32	67	67864	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.88%
41) Toluene-d8	7.56	98	197940	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%
43) trans-1,3-Dichloropropene-	7.85	79	29852	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.32%
47) 2-Hexanone-d5	8.31	63	42802	68.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	89791	48.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	79709	53.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.04%

Target Compounds

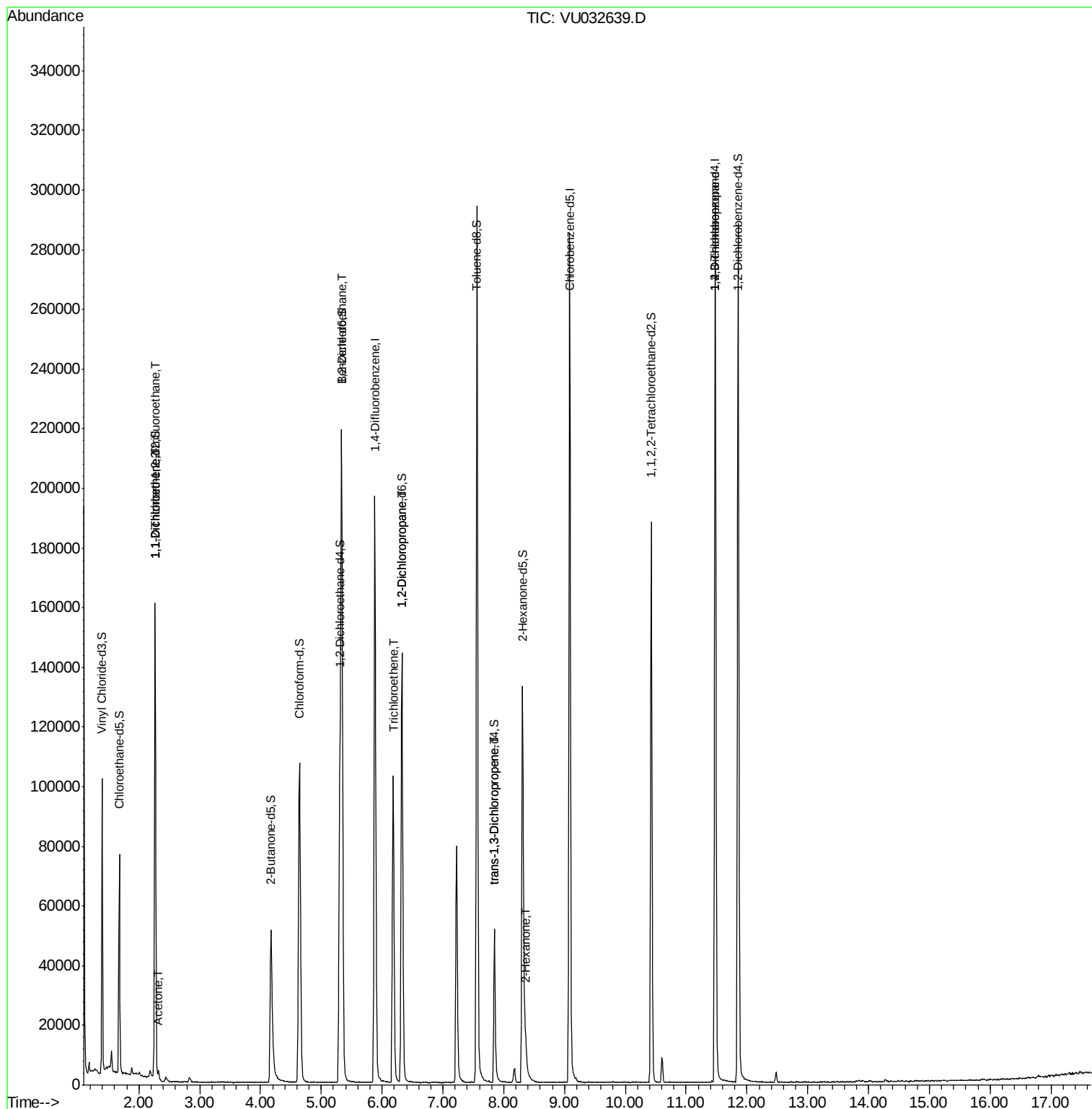
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	638	0.630	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	728	0.740	ug/L #	1
13) Acetone	2.32	43	2640	2.843	ug/L	87
27) 1,2-Dichloroethane	5.34	62	1377	0.869	ug/L #	75
34) Trichloroethene	6.18	95	33722	28.011	ug/L	99
37) 1,2-Dichloropropane	6.32	63	7701	6.565	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	1402	0.853	ug/L	84
48) 2-Hexanone	8.36	43	7186	4.636	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	9511	6.237	ug/L #	88

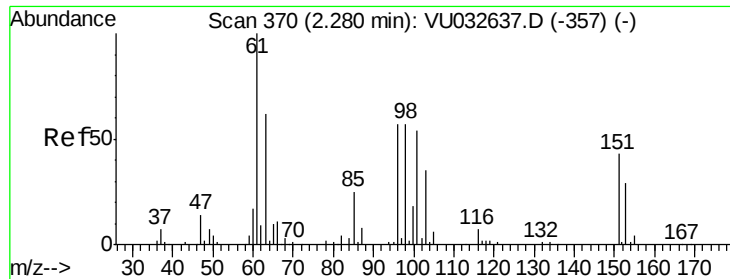
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.630 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

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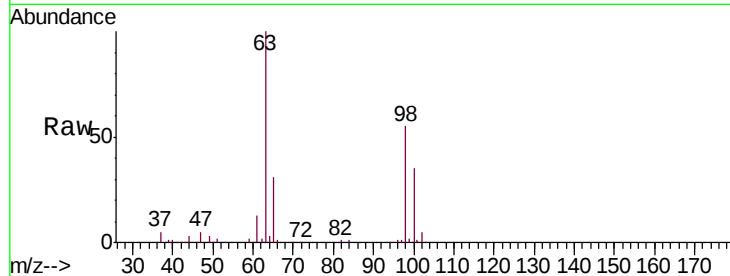
Tgt Ion: 101 Resp: 638

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

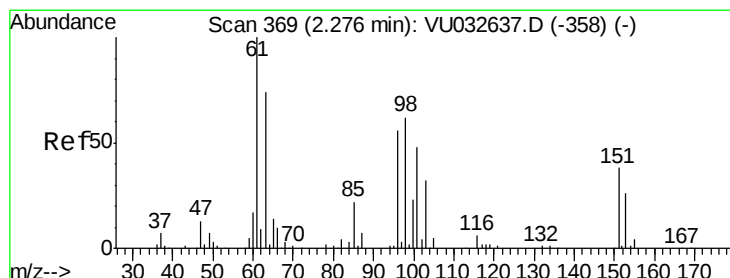
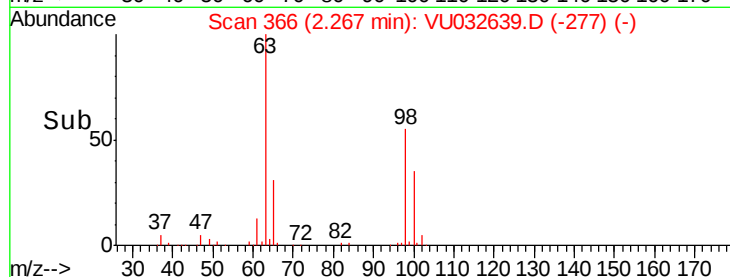
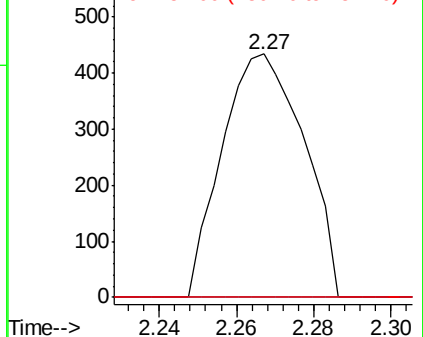
151 0.0 63.0 94.4#



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: 0.740 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032639.D

Acq: 12 Jun 2019 10:21

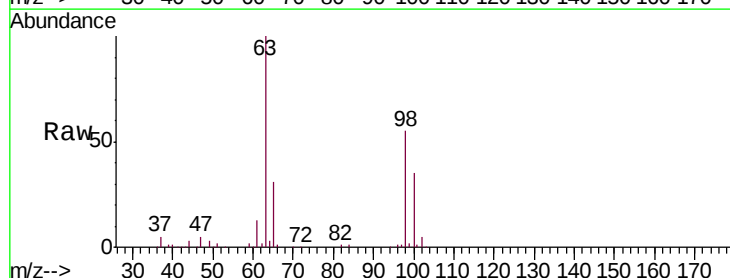
Tgt Ion: 96 Resp: 728

Ion Ratio Lower Upper

96 100

61 1648.9 129.5 240.5#

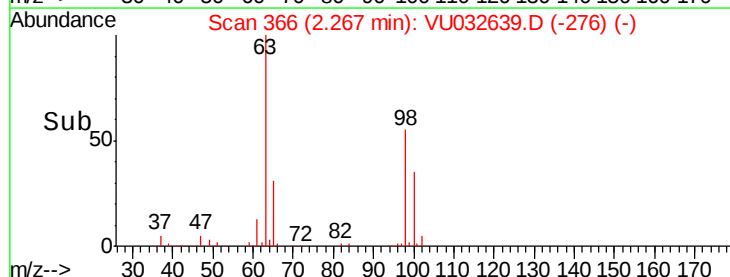
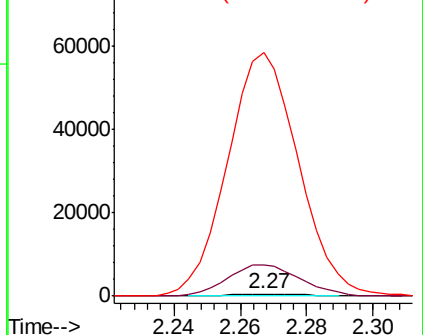
63 12779.0 103.4 192.0#

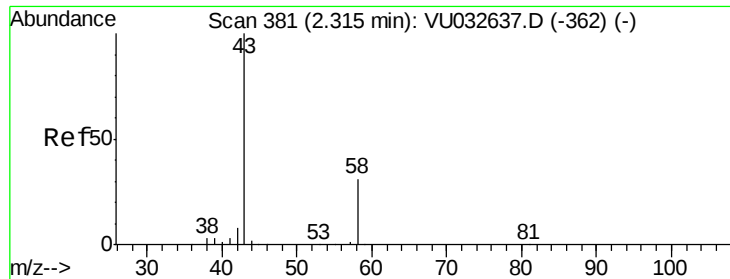


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.843 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032639.D

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Instrument :

MSVOA_U

ClientSampleId :

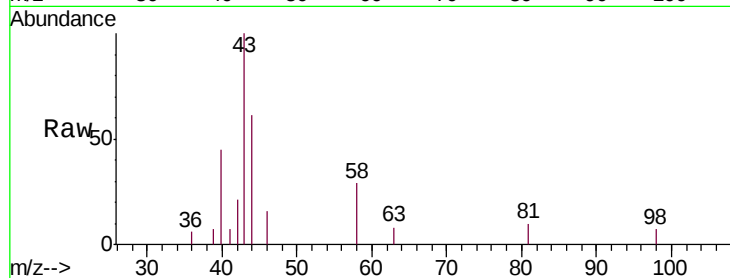
DB8R4

Tgt Ion: 43 Resp: 2640

Ion Ratio Lower Upper

43 100

58 24.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032639.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032639.D (-288) (-)

2.32

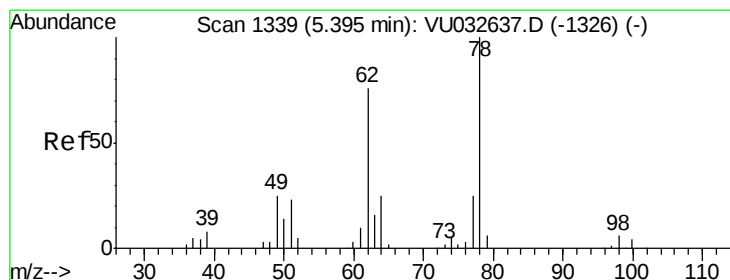
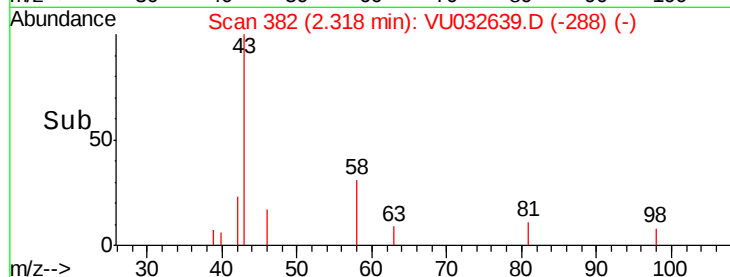
1500

1000

500

0

Time-->



#27

1,2-Dichloroethane

Concen: 0.869 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU032639.D

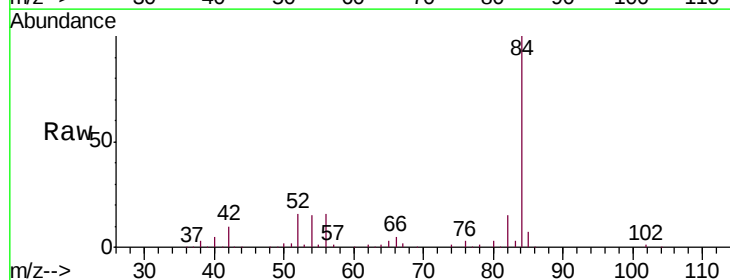
Acq: 12 Jun 2019 10:21

Tgt Ion: 62 Resp: 1377

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032639.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VU032639.D (-1246) (-)

5.34

800

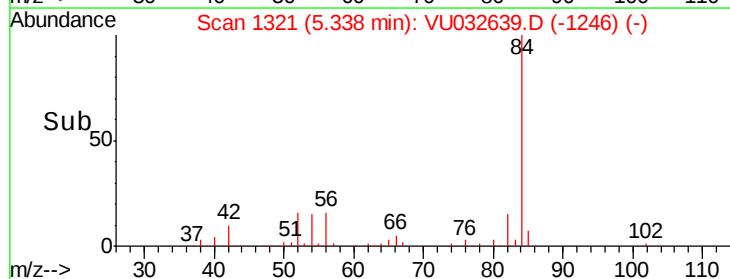
600

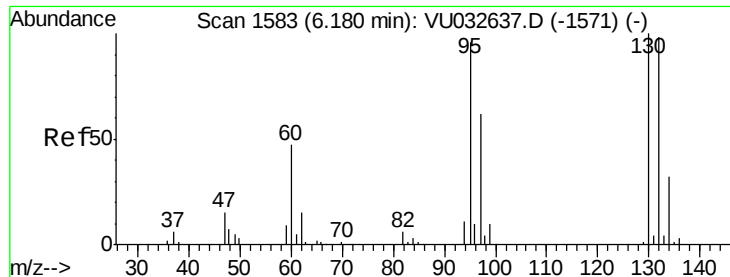
400

200

0

Time-->

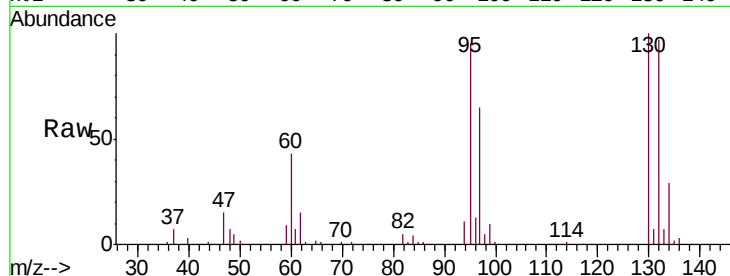




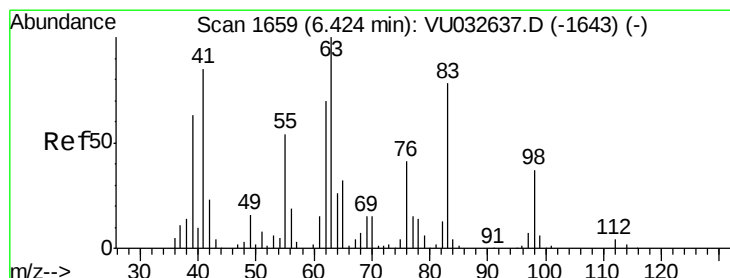
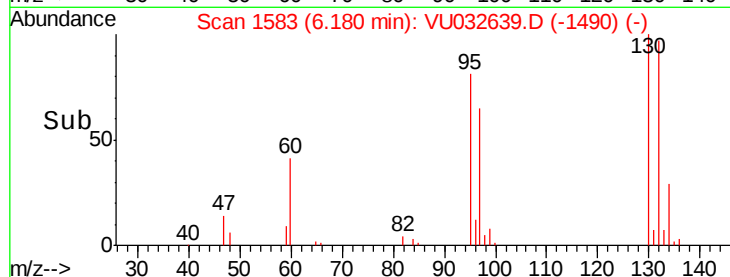
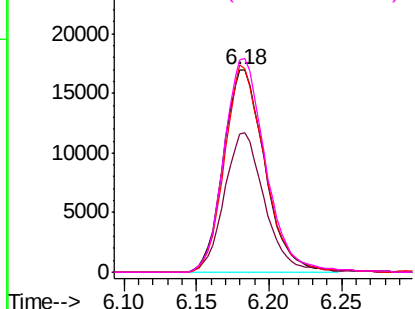
#34
 Trichloroethene
 Concen: 28.011 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU032639.D
 Acq: 12 Jun 2019 10:21

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R4

Tgt Ion: 95 Resp: 33722
 Ion Ratio Lower Upper
 95 100
 97 68.0 45.8 85.2
 132 102.3 71.0 131.8
 130 105.2 73.4 136.2

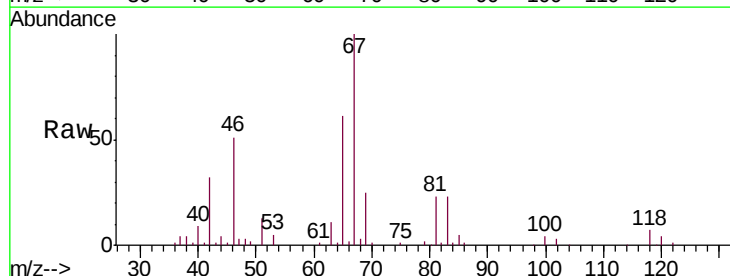


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

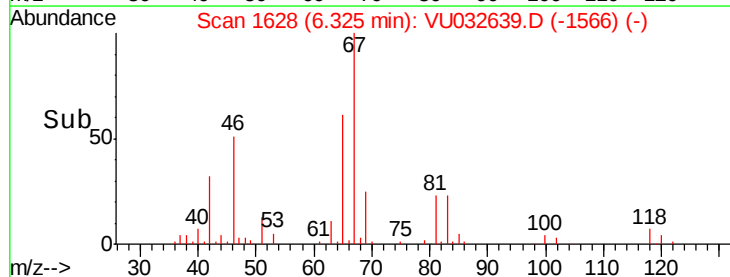
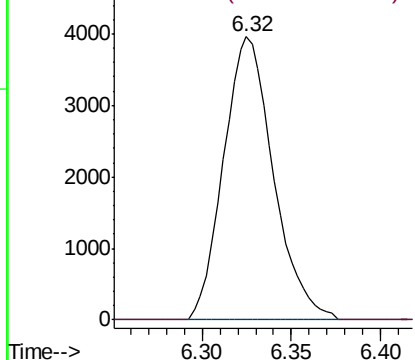


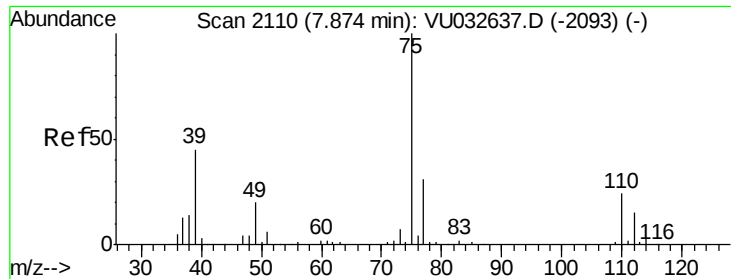
#37
 1,2-Dichloropropane
 Concen: 6.565 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032639.D
 Acq: 12 Jun 2019 10:21

Tgt Ion: 63 Resp: 7701
 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

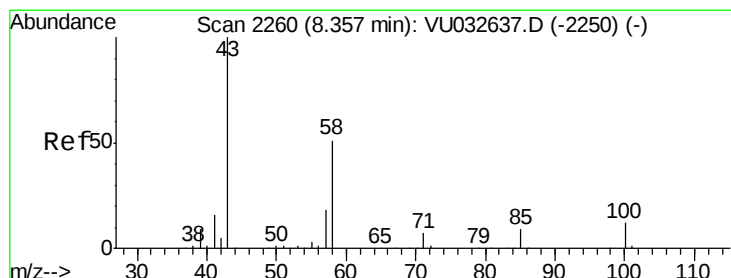
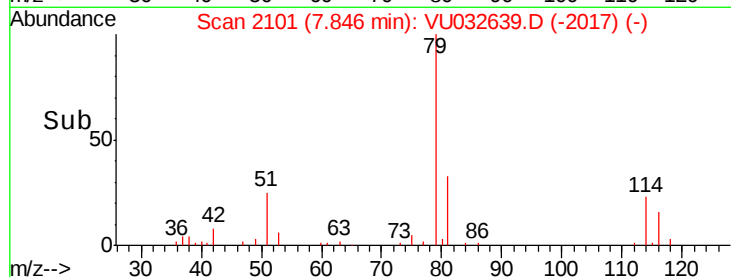
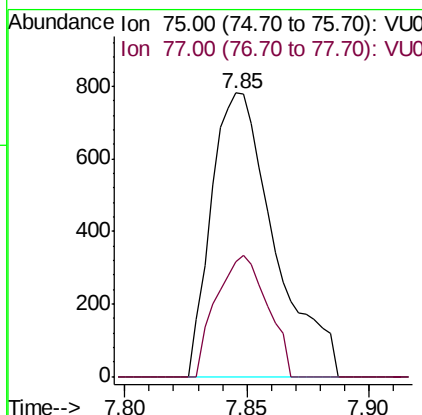
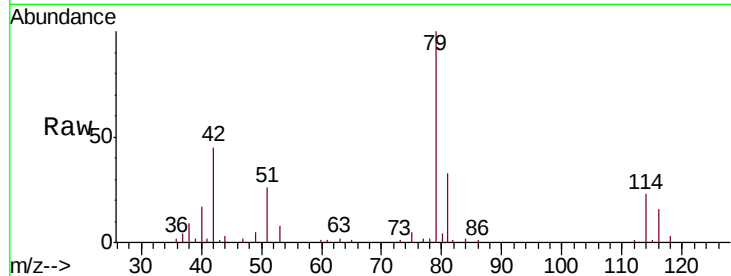




#44
trans-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032639.D
Acq: 12 Jun 2019 10:21

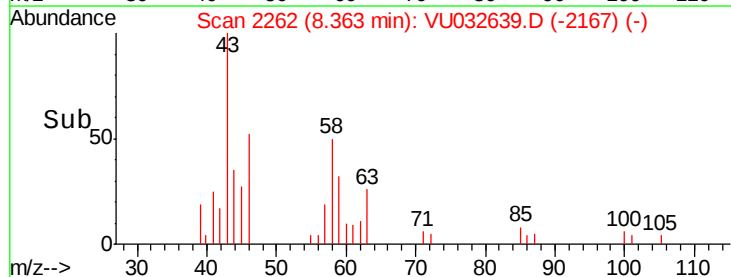
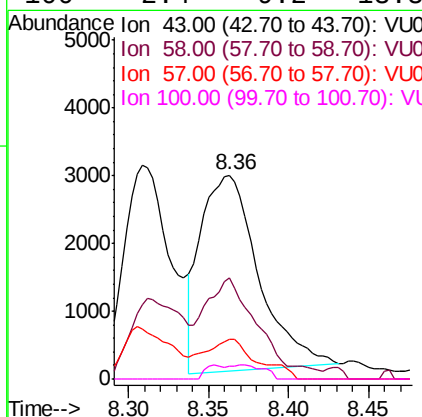
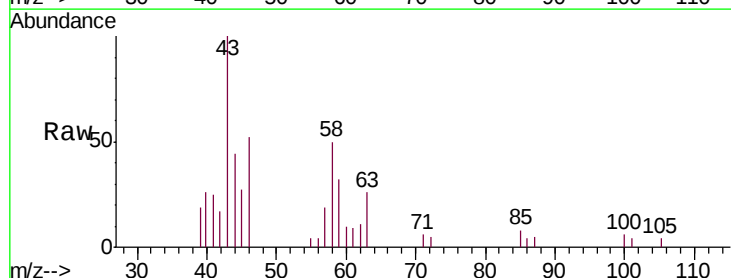
Instrument :
MSVOA_U
ClientSampleId :
DB8R4

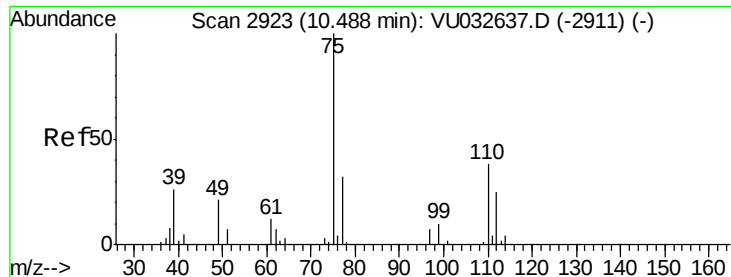
Tgt Ion: 75 Resp: 1402
Ion Ratio Lower Upper
75 100
77 40.3 22.1 41.1



#48
2-Hexanone
Concen: 4.636 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032639.D
Acq: 12 Jun 2019 10:21

Tgt Ion: 43 Resp: 7186
Ion Ratio Lower Upper
43 100
58 38.6 42.0 63.0#
57 0.0 14.6 22.0#
100 2.4 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 6.237 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032639.D

Acq: 12 Jun 2019 10:21

Instrument :

MSVOA_U

ClientSampleId :

DB8R4

Tgt Ion: 75 Resp: 9511

Ion Ratio Lower Upper

75 100

77 38.5 25.6 38.4#

