

Data File : VU032621.D
Acq On : 11 Jun 2019 19:38
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Jun 12 07:33:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	169141	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	162272	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80772	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53098	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.78%
7) Chloroethane-d5	1.68	69	43795	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.32%
11) 1,1-Dichloroethene-d2	2.27	63	81302	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	4.17	46	94703	103.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	4.64	84	101695	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
26) 1,2-Dichloroethane-d4	5.30	65	69915	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.46%
32) Benzene-d6	5.33	84	211578	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
36) 1,2-Dichloropropane-d6	6.32	67	66468	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.64%
41) Toluene-d8	7.56	98	193053	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%
43) trans-1,3-Dichloropropene-	7.85	79	29524	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.40%
47) 2-Hexanone-d5	8.31	63	56116	87.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95609	49.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	80144	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

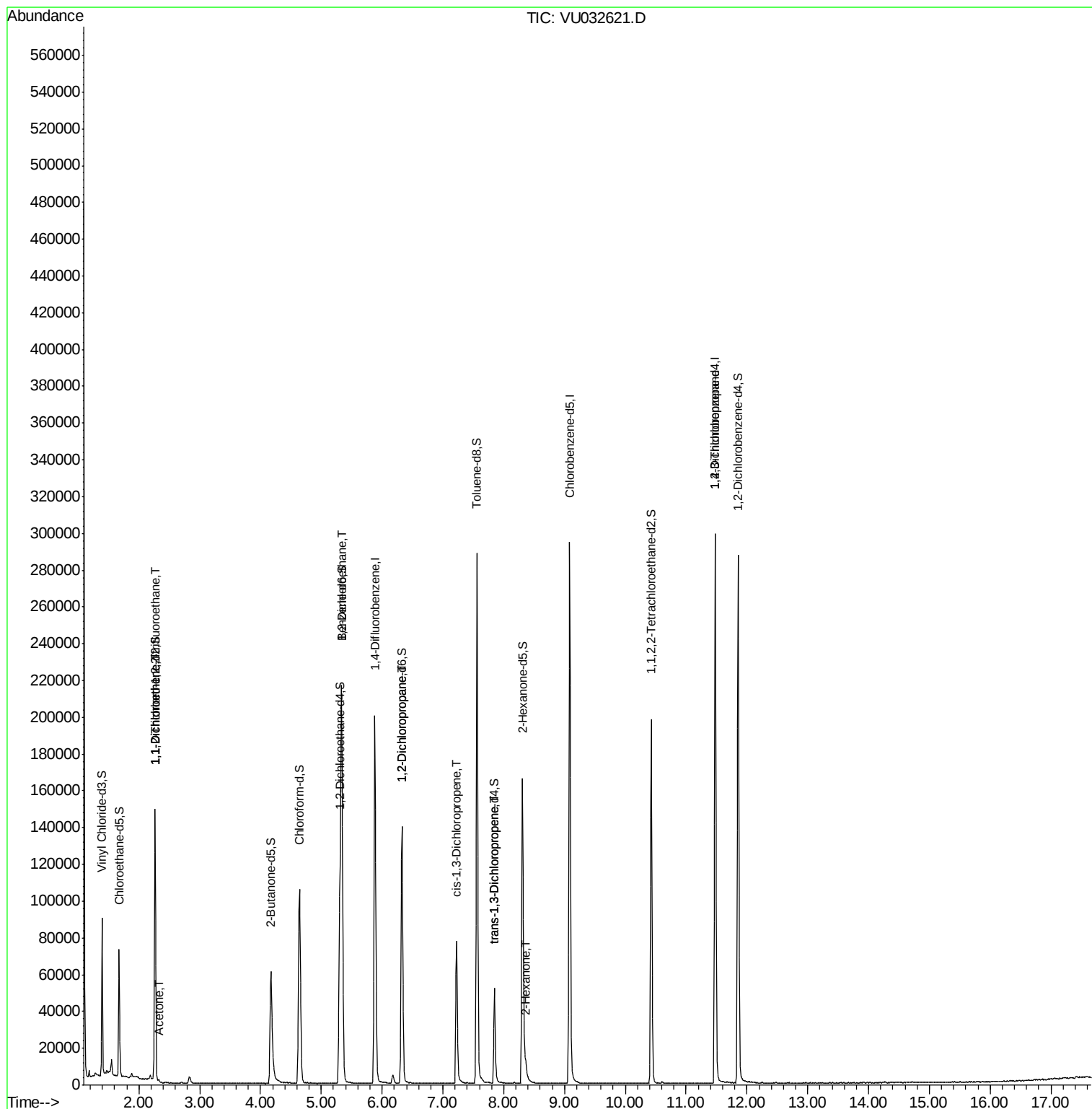
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	691	0.669 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	744	0.741 ug/L #	1
13) Acetone	2.32	43	557	0.588 ug/L	64
27) 1,2-Dichloroethane	5.33	62	1157	0.715 ug/L #	75
37) 1,2-Dichloropropane	6.32	63	7423	6.142 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1936	1.015 ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	1487	0.879 ug/L	85
48) 2-Hexanone	8.37	43	4303	2.694 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	9870	6.282 ug/L	93

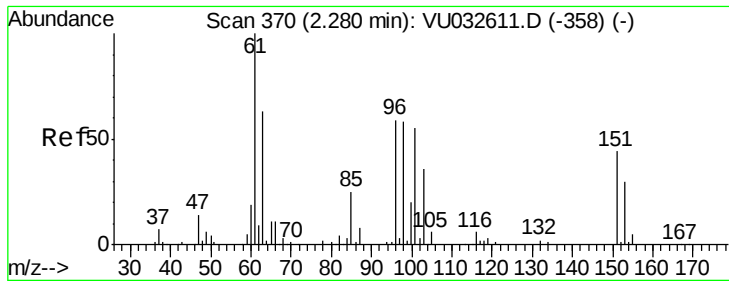
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.669 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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VIBLK40

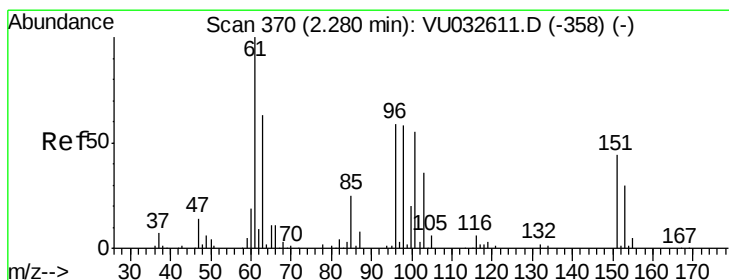
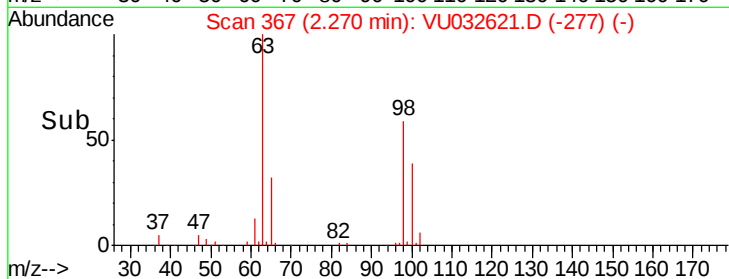
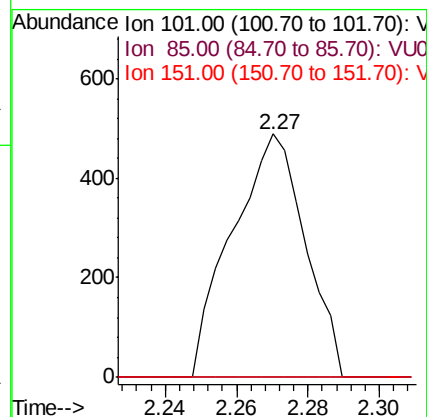
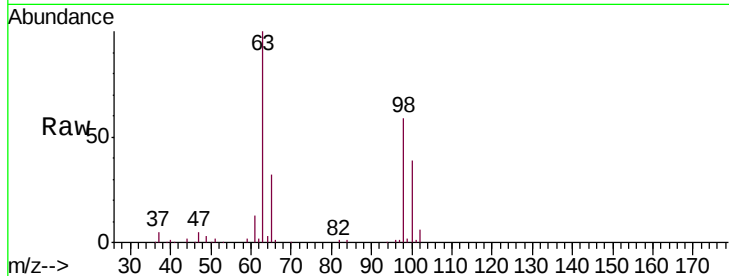
Tgt Ion: 101 Resp: 691

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.741 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032621.D

Acq: 11 Jun 2019 19:38

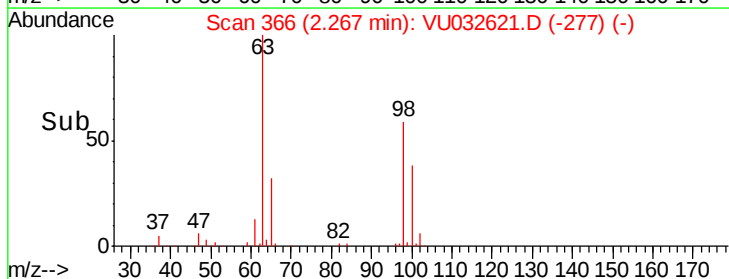
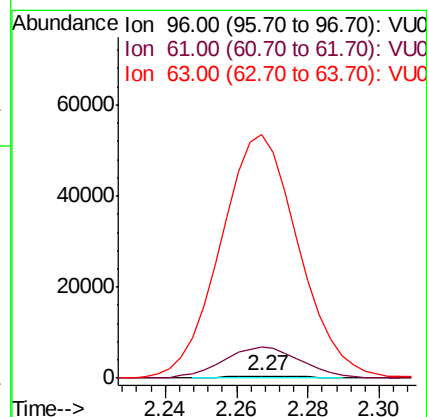
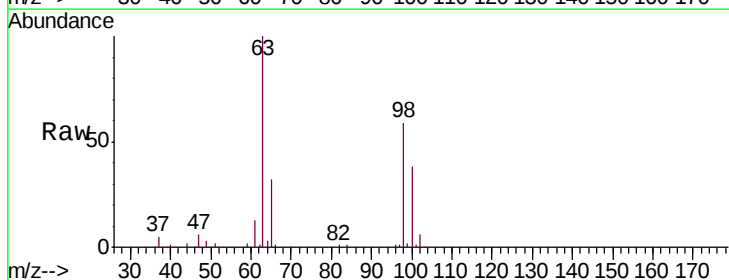
Tgt Ion: 96 Resp: 744

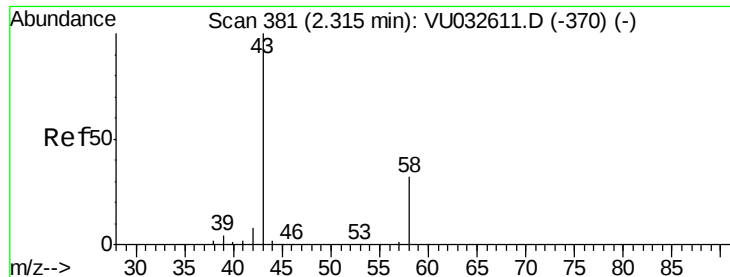
Ion Ratio Lower Upper

96 100

61 1467.5 129.5 240.5#

63 11600.9 103.4 192.0#





#13

Acetone

Concen: 0.588 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032621.D

Acq: 11 Jun 2019 19:38

Instrument :

MSVOA_U

ClientSampleId :

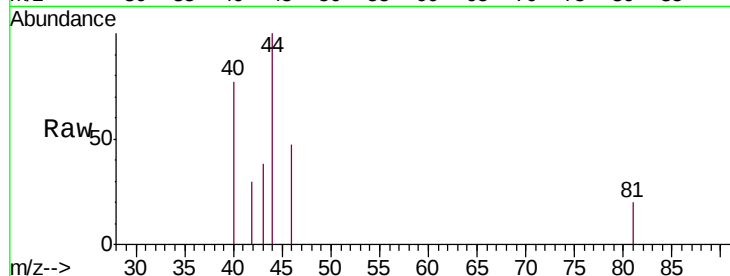
VIBLK40

Tgt Ion: 43 Resp: 557

Ion Ratio Lower Upper

43 100

58 12.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032611.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032611.D (-370) (-)

2.32

400

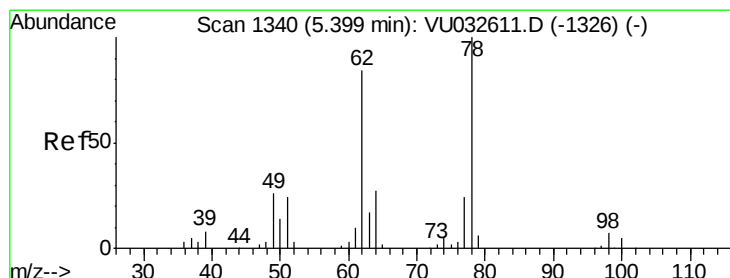
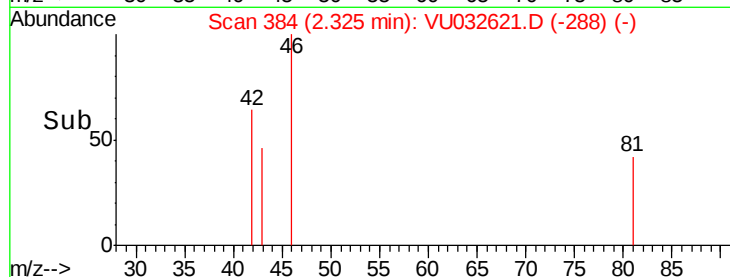
300

200

100

0

Time--> 2.28 2.30 2.32 2.34



#27

1,2-Dichloroethane

Concen: 0.715 ug/L

RT: 5.33 min Scan# 1318

Delta R.T. -0.07 min

Lab File: VU032621.D

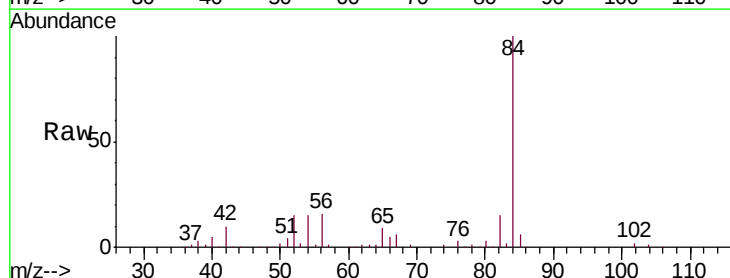
Acq: 11 Jun 2019 19:38

Tgt Ion: 62 Resp: 1157

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032611.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032611.D (-1326) (-)

600

500

400

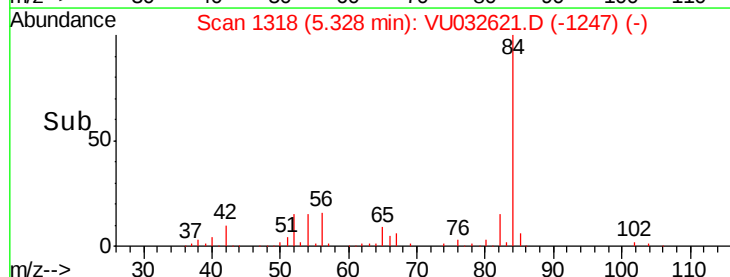
300

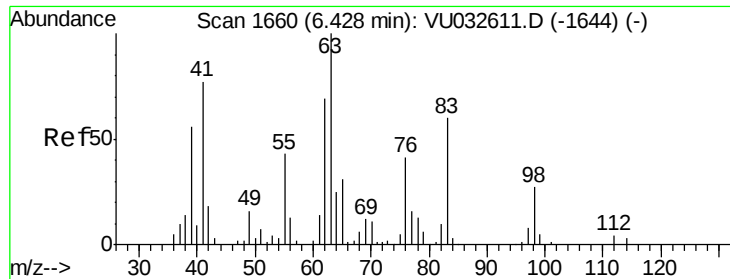
200

100

0

Time--> 5.30 5.32 5.34 5.36

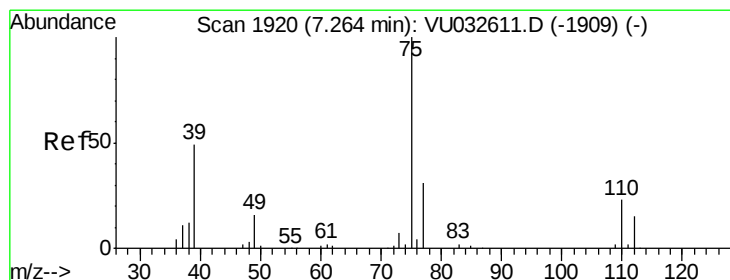
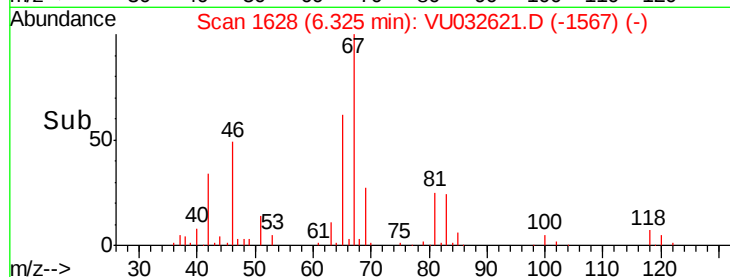
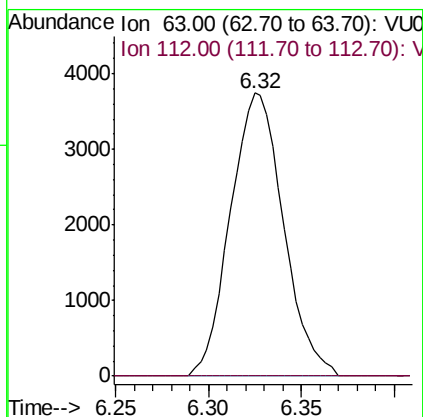
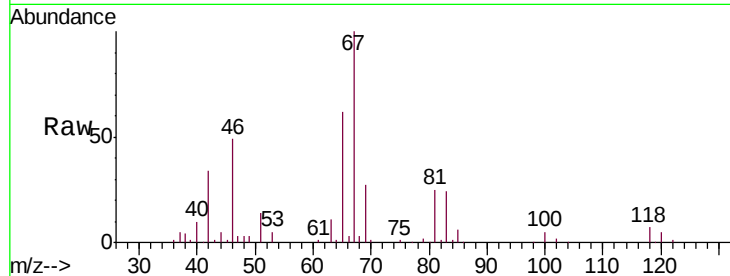




#37
 1,2-Dichloropropane
 Concen: 6.142 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032621.D
 Acq: 11 Jun 2019 19:38

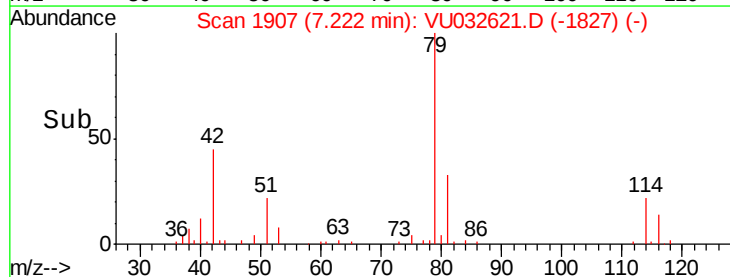
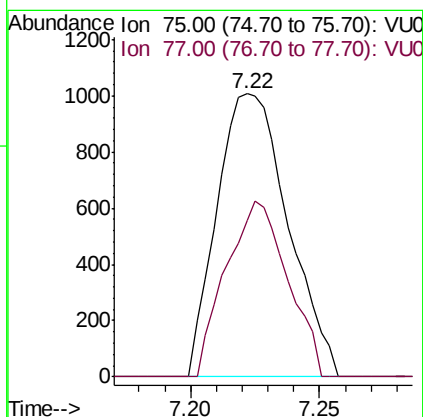
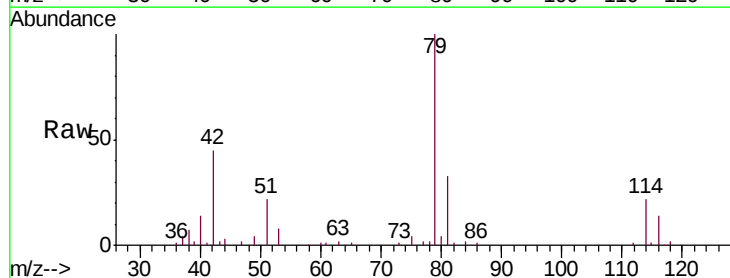
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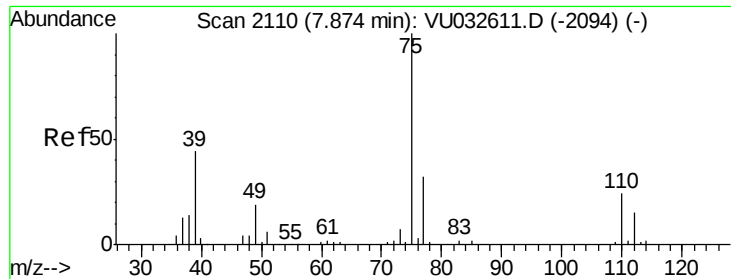
Tgt Ion: 63 Resp: 7423
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.015 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032621.D
 Acq: 11 Jun 2019 19:38

Tgt Ion: 75 Resp: 1936
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.0 41.0#

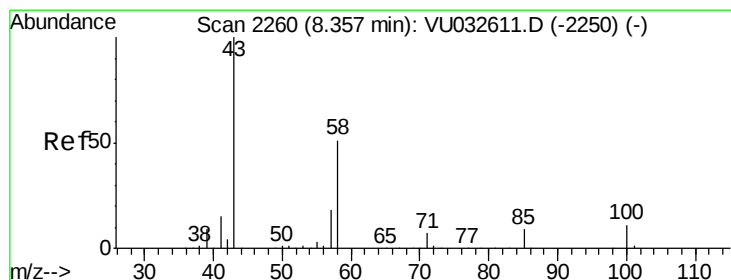
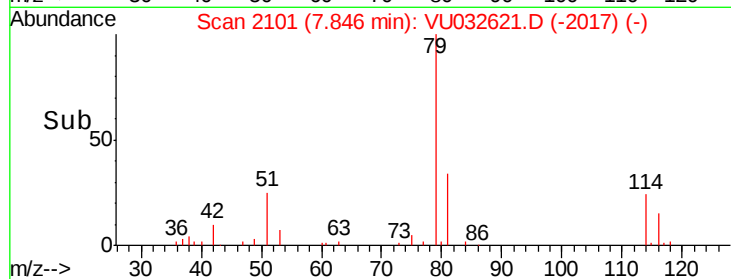
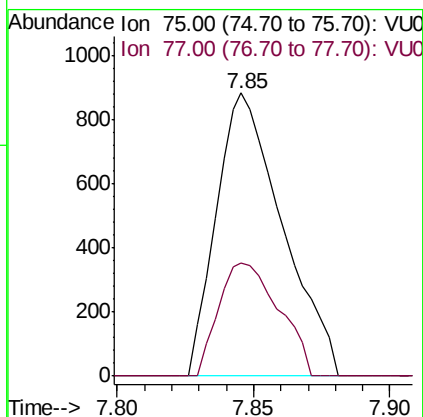
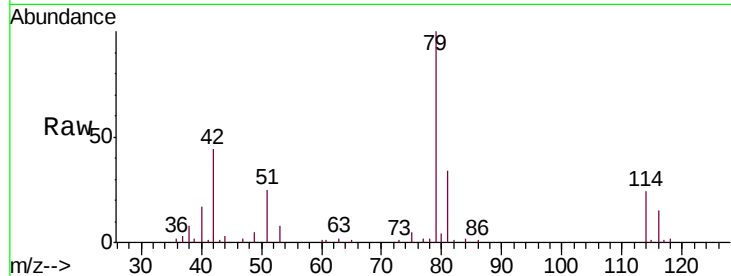




#44
trans-1,3-Dichloropropene
Concen: 0.879 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032621.D
Acq: 11 Jun 2019 19:38

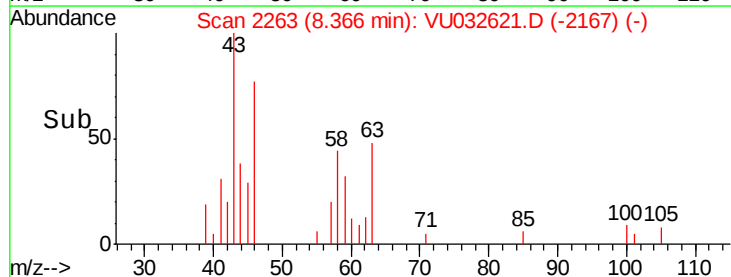
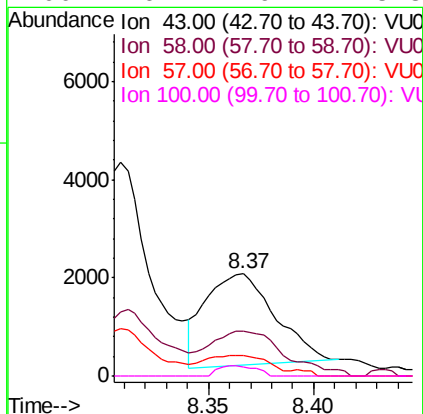
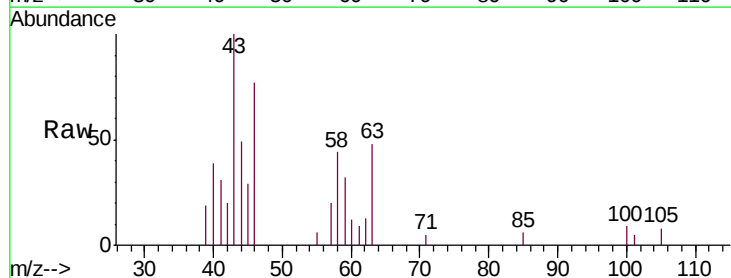
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

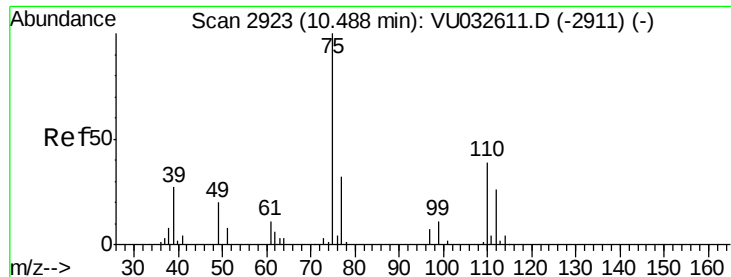
Tgt Ion: 75 Resp: 1487
Ion Ratio Lower Upper
75 100
77 39.8 22.1 41.1



#48
2-Hexanone
Concen: 2.694 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032621.D
Acq: 11 Jun 2019 19:38

Tgt Ion: 43 Resp: 4303
Ion Ratio Lower Upper
43 100
58 42.7 42.0 63.0
57 15.3 14.6 22.0
100 6.1 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 6.282 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032621.D

Acq: 11 Jun 2019 19:38

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 9870

Ion Ratio Lower Upper

75 100

77 35.9 25.6 38.4

