

Data File : VU032588.D
Acq On : 11 Jun 2019 00:14
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: Jun 11 05:44:41 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	181214	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	172298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59443	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.12%
7) Chloroethane-d5	1.68	69	48898	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.52%
11) 1,1-Dichloroethene-d2	2.27	63	88946	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.28%
21) 2-Butanone-d5	4.17	46	105236	106.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	4.64	84	111123	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	5.31	65	72439	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
32) Benzene-d6	5.33	84	230129	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
36) 1,2-Dichloropropane-d6	6.32	67	71430	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.86%
41) Toluene-d8	7.56	98	211027	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%
43) trans-1,3-Dichloropropene-	7.85	79	33301	49.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.22%
47) 2-Hexanone-d5	8.31	63	64945	95.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103715	51.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	86825	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

Target Compounds

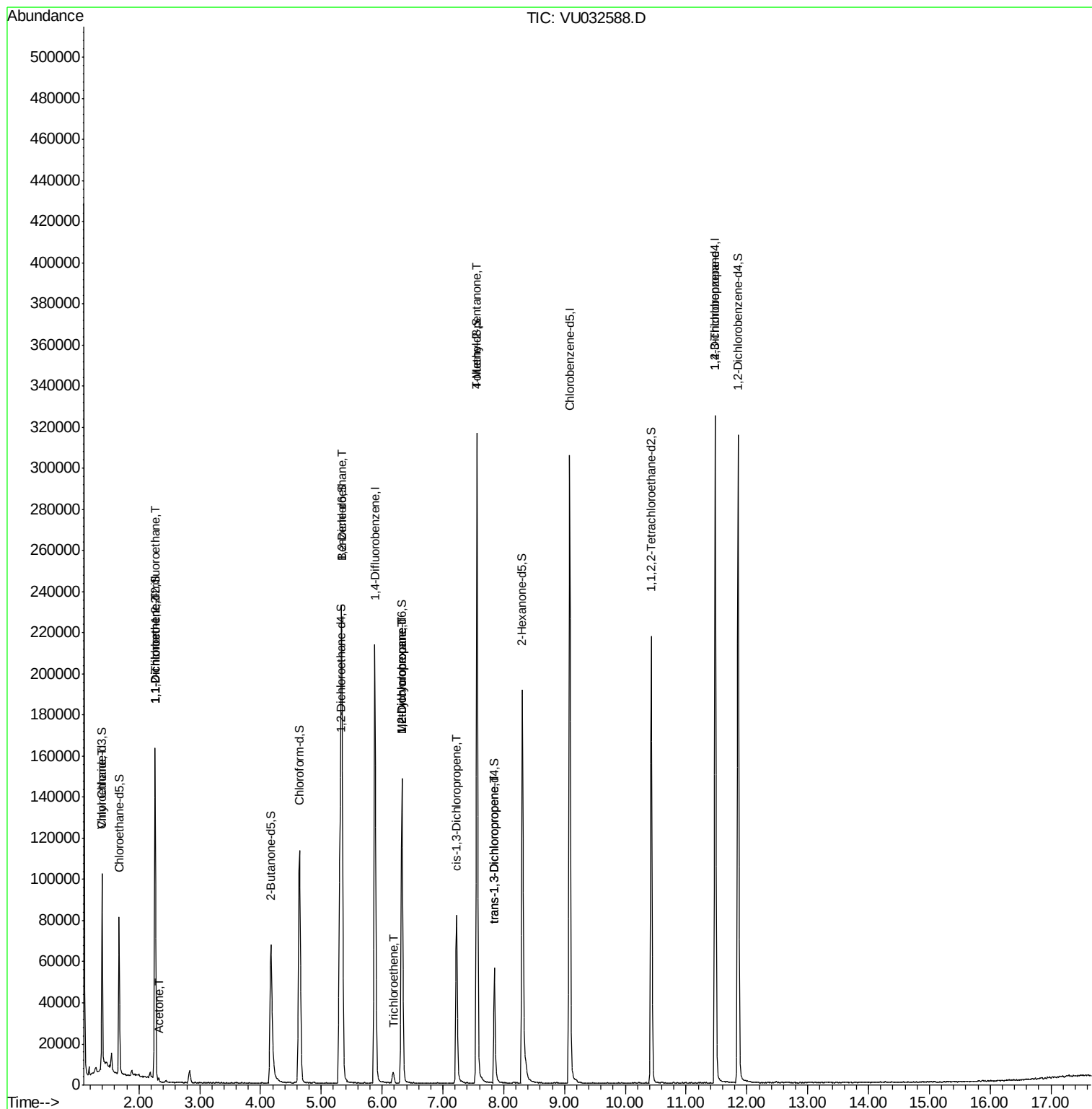
					Qvalue
8) Chloroethane	1.40	64	2404	2.565 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	810	0.731 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	636	0.591 ug/L #	1
13) Acetone	2.32	43	819	0.807 ug/L #	43
27) 1,2-Dichloroethane	5.33	62	1243	0.717 ug/L #	75
34) Trichloroethene	6.19	95	1100	0.835 ug/L	90
35) Methylcyclohexane	6.32	83	16278	7.634 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8140	6.343 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2243	1.108 ug/L #	70
40) 4-Methyl-2-pentanone	7.56	43	990	0.480 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1438	0.800 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	9826	5.890 ug/L #	88

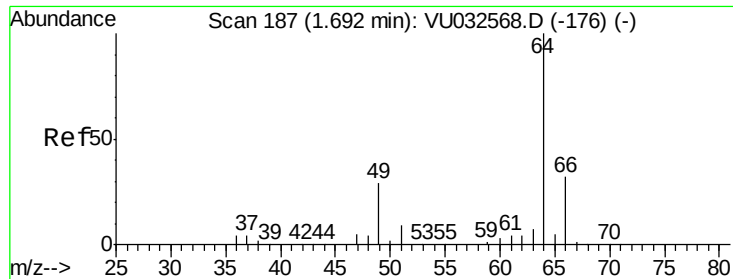
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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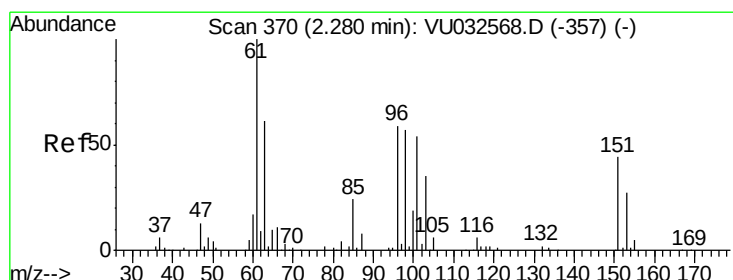
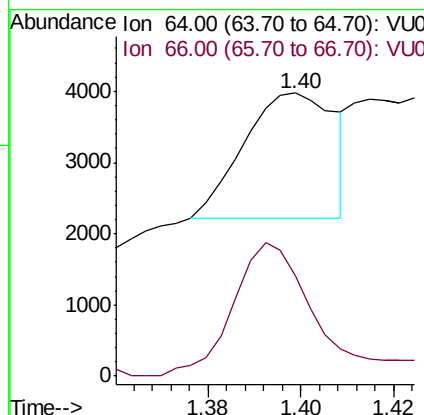
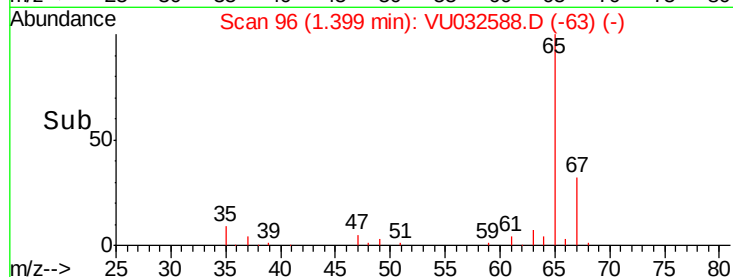
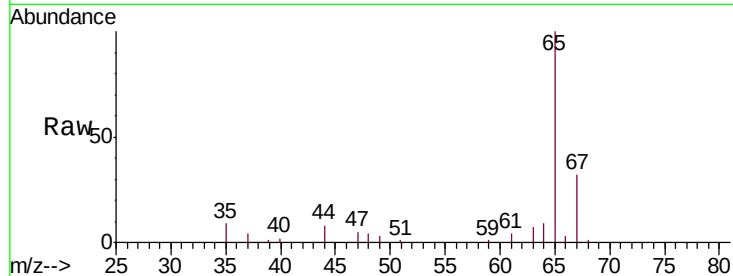




#8
Chloroethane
Concen: 2.565 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.29 min
Lab File: VU032588.D
Acq: 11 Jun 2019 00:14

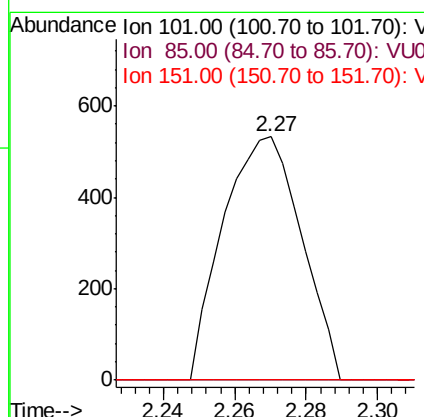
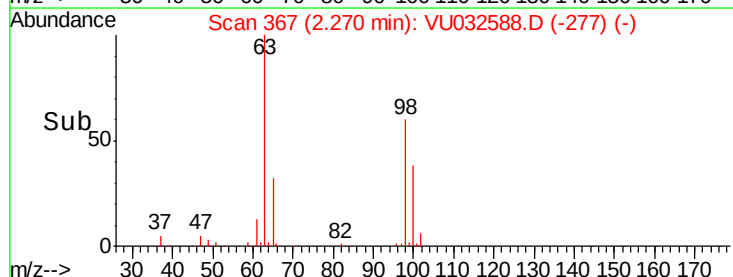
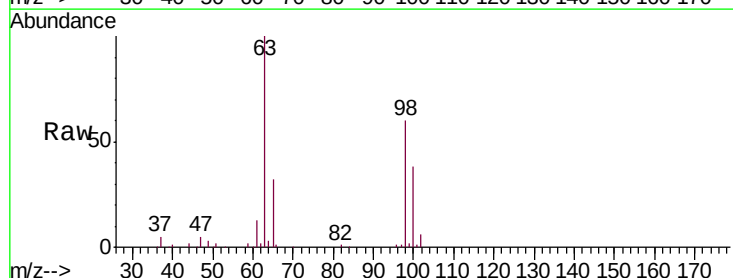
Instrument :
MSVOA_U
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VIBLK41

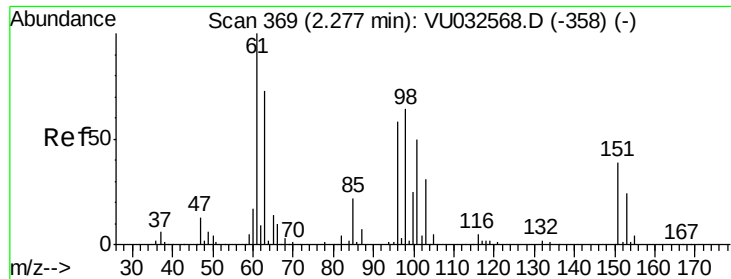
Tgt Ion: 64 Resp: 2404
Ion Ratio Lower Upper
64 100
66 35.3 22.9 42.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.731 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032588.D
Acq: 11 Jun 2019 00:14

Tgt Ion: 101 Resp: 810
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 63.0 94.4#

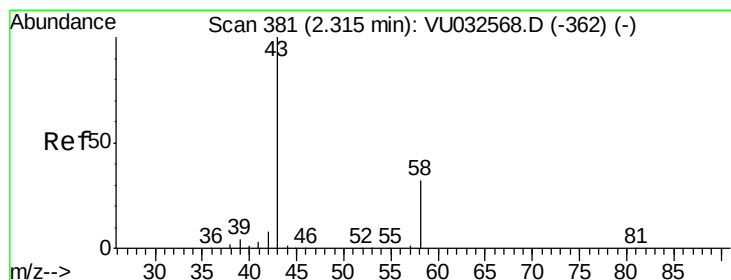
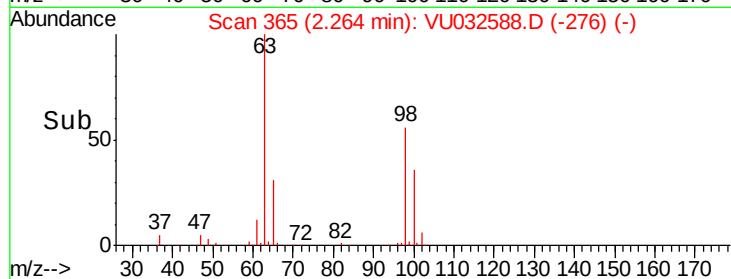
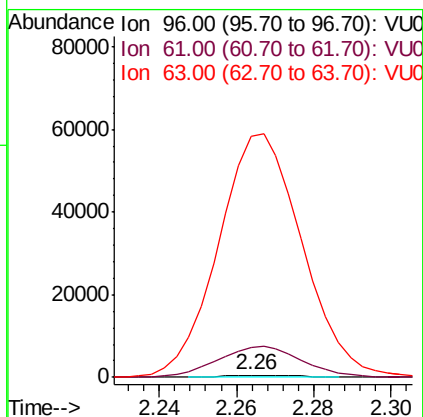
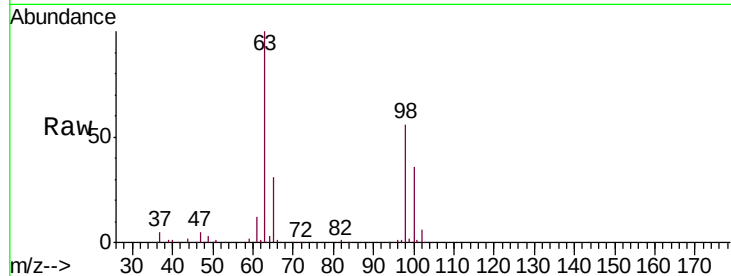




#12
 1,1-Dichloroethene
 Concen: 0.591 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU032588.D
 Acq: 11 Jun 2019 00:14

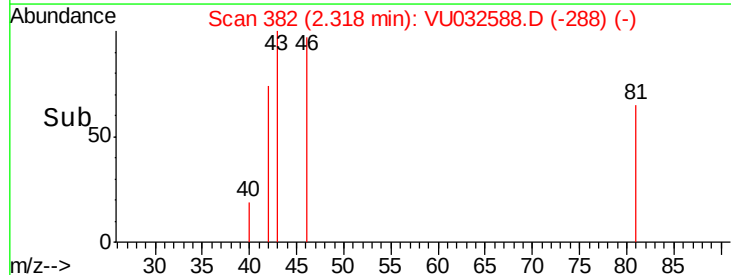
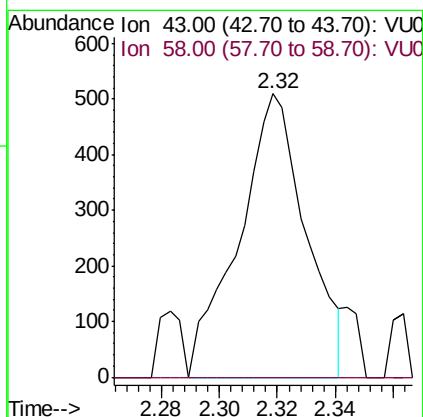
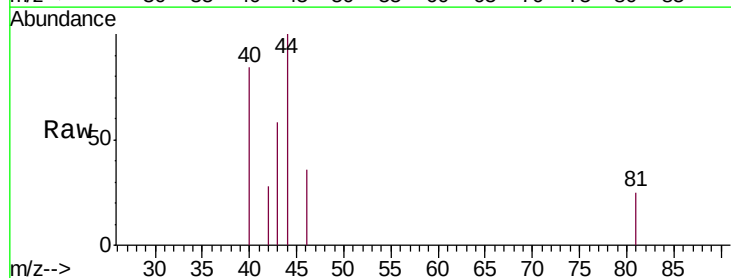
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

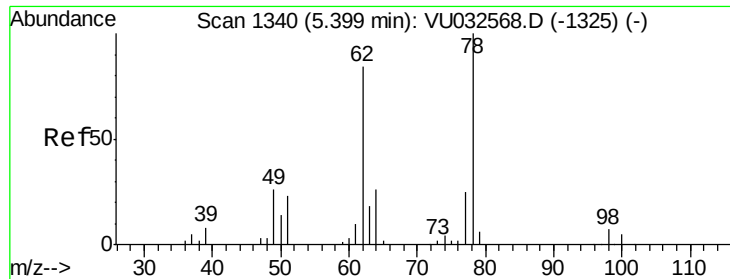
Tgt Ion: 96 Resp: 636
 Ion Ratio Lower Upper
 96 100
 61 1629.0 129.5 240.5#
 63 13181.9 103.4 192.0#



#13
 Acetone
 Concen: 0.807 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032588.D
 Acq: 11 Jun 2019 00:14

Tgt Ion: 43 Resp: 819
 Ion Ratio Lower Upper
 43 100
 58 0.0 0.0 64.0

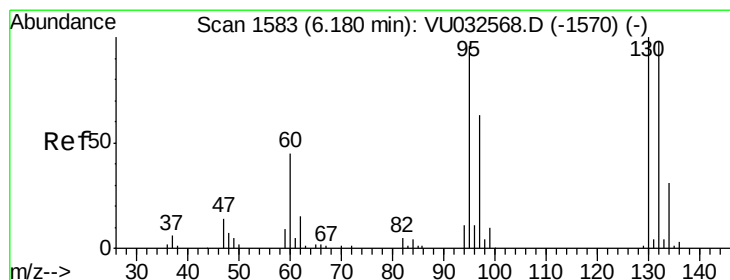
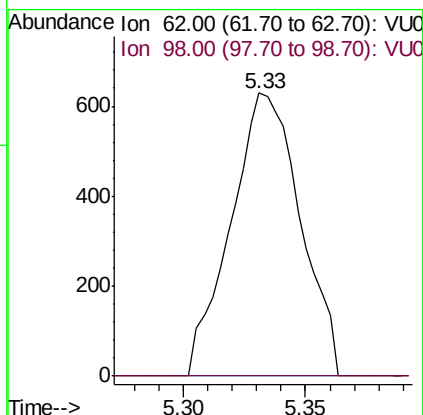
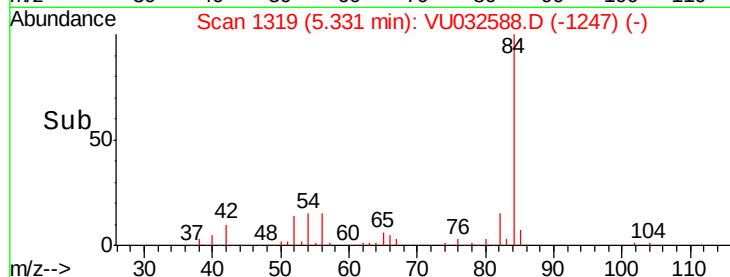
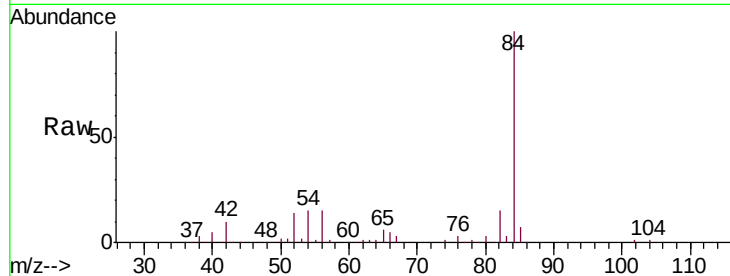




#27
 1,2-Dichloroethane
 Concen: 0.717 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU032588.D
 Acq: 11 Jun 2019 00:14

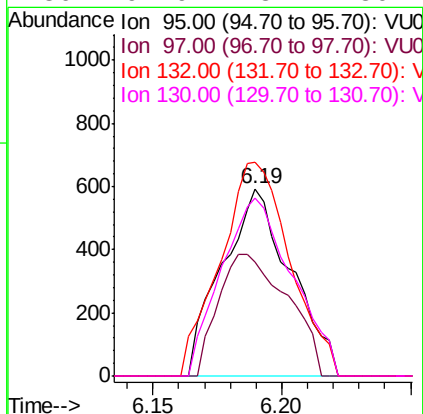
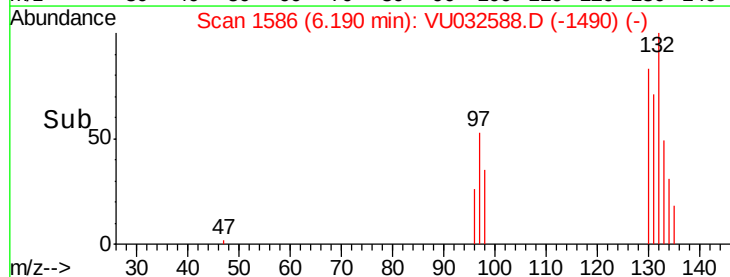
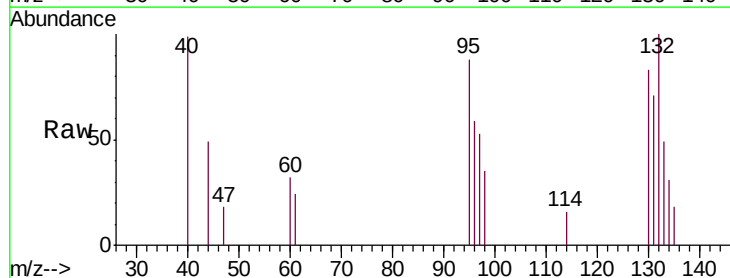
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

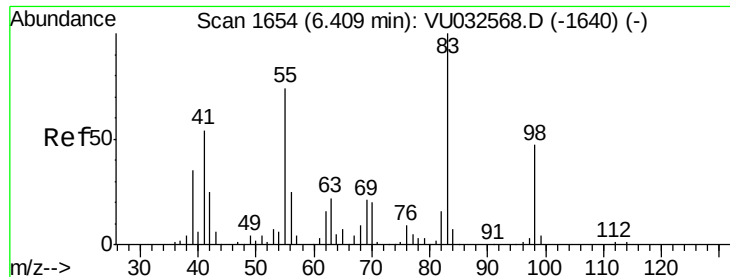
Tgt Ion: 62 Resp: 1243
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#34
 Trichloroethene
 Concen: 0.835 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU032588.D
 Acq: 11 Jun 2019 00:14

Tgt Ion: 95 Resp: 1100
 Ion Ratio Lower Upper
 95 100
 97 60.7 45.8 85.2
 132 114.0 71.0 131.8
 130 94.9 73.4 136.2

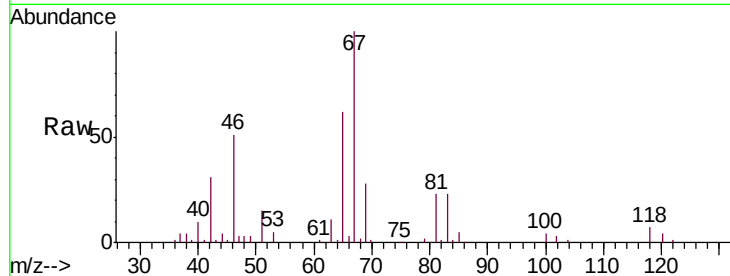




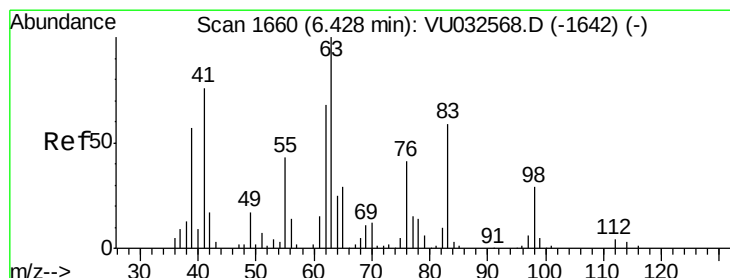
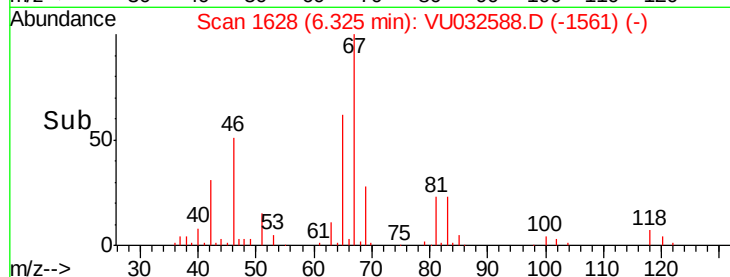
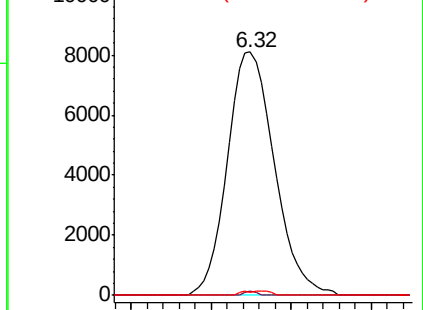
#35
Methylcyclohexane
Concen: 7.634 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032588.D
Acq: 11 Jun 2019 00:14

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tgt Ion: 83 Resp: 16278
Ion Ratio Lower Upper
83 100
55 0.4 60.2 90.4#
98 0.4 37.4 56.2#

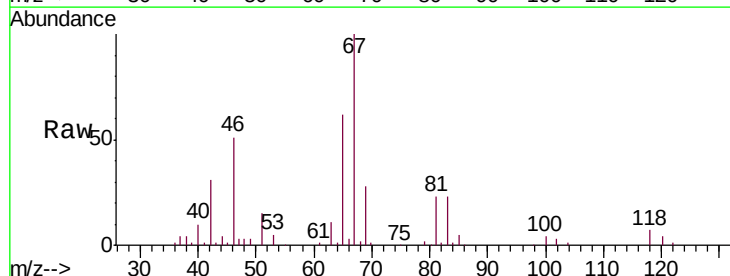


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

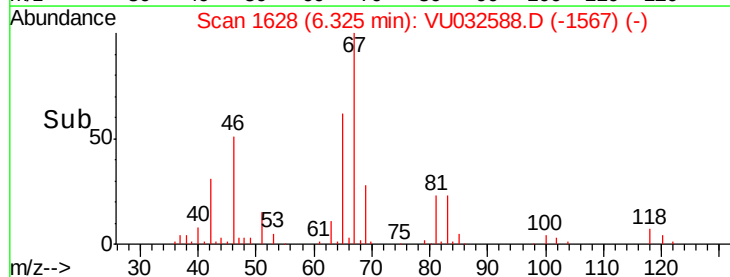
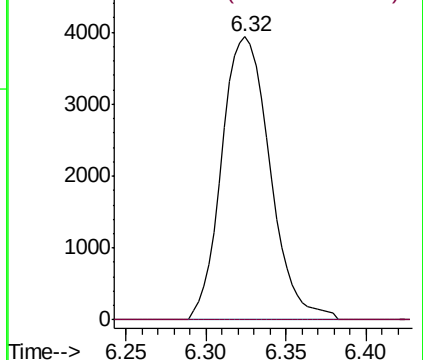


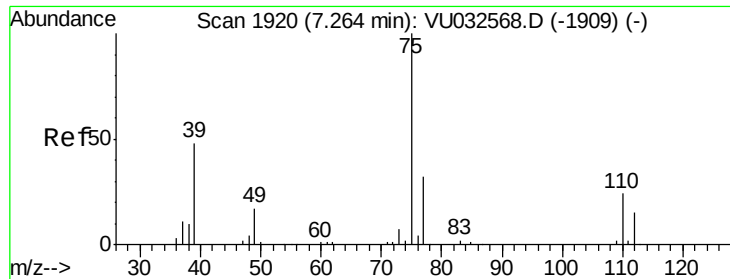
#37
1,2-Dichloropropane
Concen: 6.343 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032588.D
Acq: 11 Jun 2019 00:14

Tgt Ion: 63 Resp: 8140
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

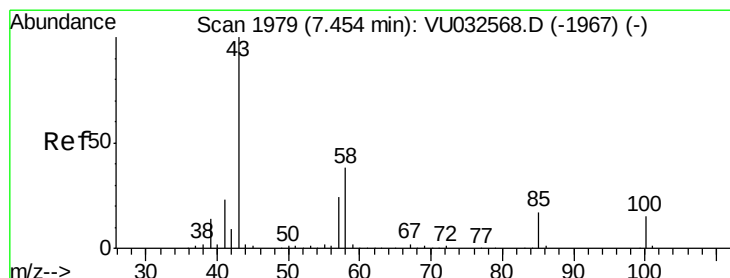
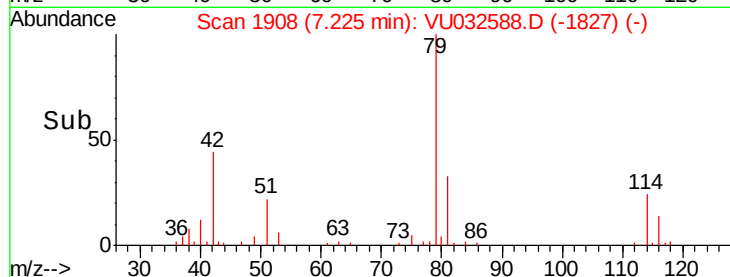
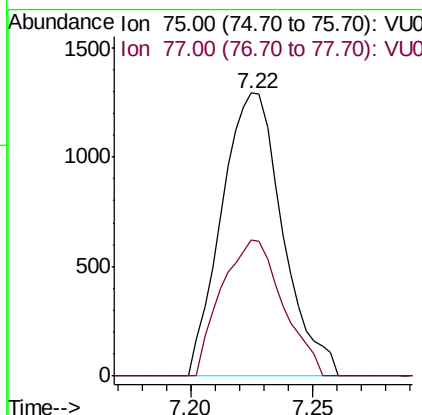
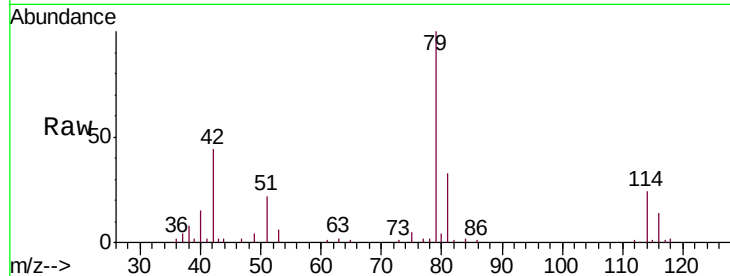




#39
 cis-1,3-Dichloropropene
 Concen: 1.108 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032588.D
 Acq: 11 Jun 2019 00:14

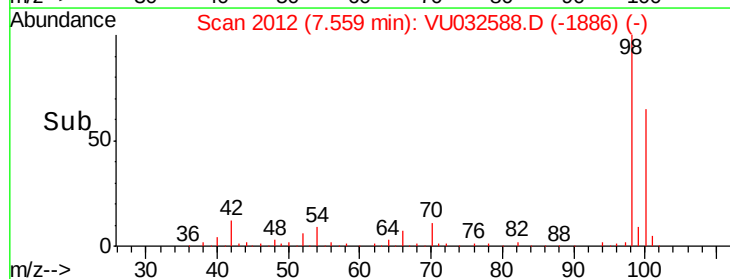
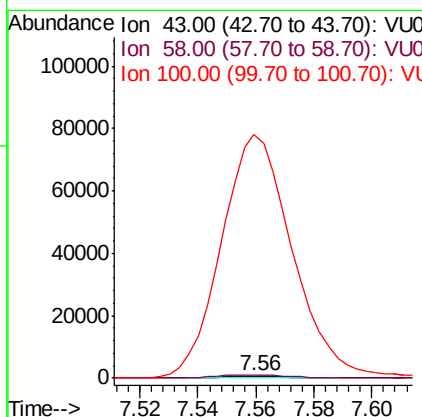
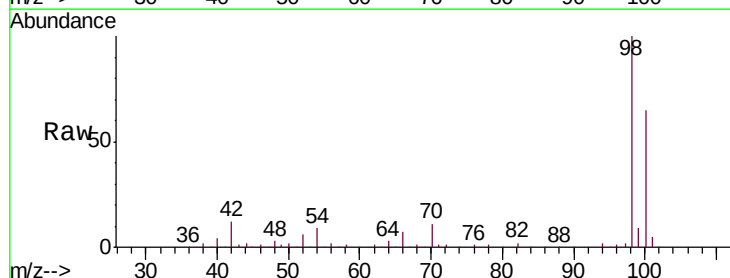
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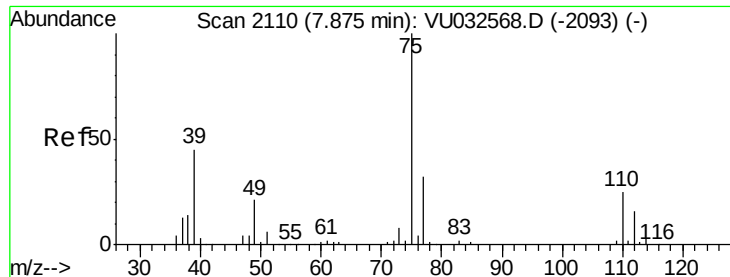
Tgt Ion: 75 Resp: 2243
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.0 41.0#



#40
 4-Methyl-2-pentanone
 Concen: 0.480 ug/L
 RT: 7.56 min Scan# 2012
 Delta R.T. 0.11 min
 Lab File: VU032588.D
 Acq: 11 Jun 2019 00:14

Tgt Ion: 43 Resp: 990
 Ion Ratio Lower Upper
 43 100
 58 178.0 30.8 46.2#
 100 13596.6 12.1 18.1#





#44

trans-1,3-Dichloropropene

Concen: 0.800 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032588.D

Acq: 11 Jun 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

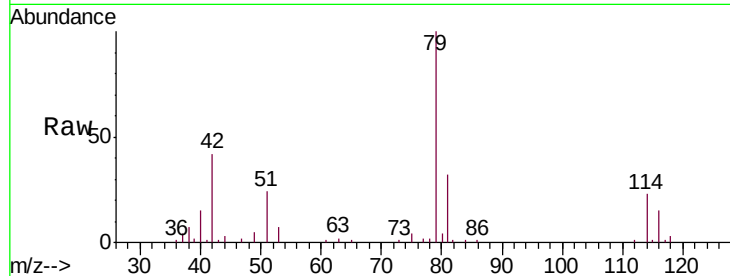
VIBLK41

Tgt Ion: 75 Resp: 1438

Ion Ratio Lower Upper

75 100

77 42.5 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.85

800

600

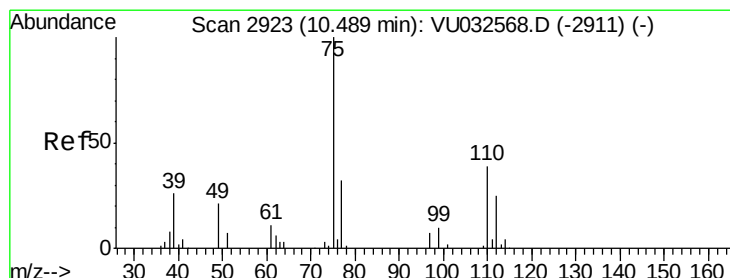
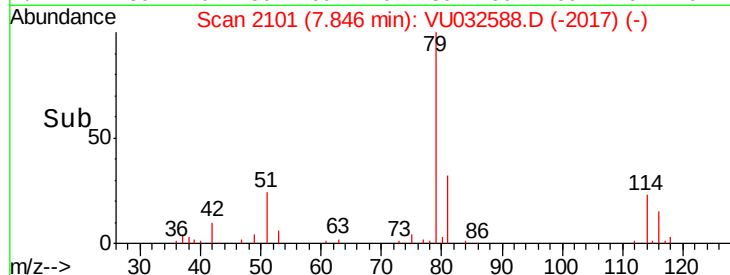
400

200

0

7.82 7.84 7.86 7.88

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.890 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032588.D

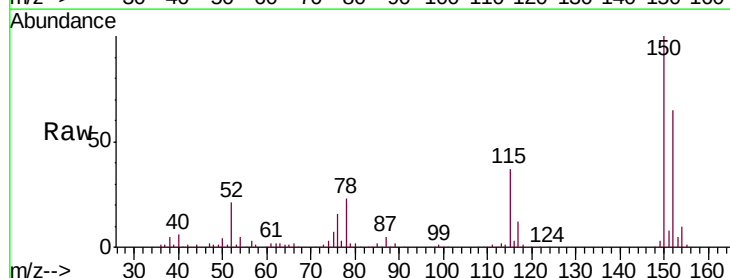
Acq: 11 Jun 2019 00:14

Tgt Ion: 75 Resp: 9826

Ion Ratio Lower Upper

75 100

77 38.6 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

6000

4000

2000

0

11.45 11.50

Time-->

