

Data File : VU032694.D
Acq On : 13 Jun 2019 15:06
Operator : JC/SP
Sample : K3286-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 14 01:30:43 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	161882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	155063	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50973	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.06%
7) Chloroethane-d5	1.68	69	42005	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.54%
11) 1,1-Dichloroethene-d2	2.27	63	79543	38.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.36%
21) 2-Butanone-d5	4.17	46	101165	115.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.10%
24) Chloroform-d	4.64	84	103954	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
26) 1,2-Dichloroethane-d4	5.31	65	69965	56.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.40%
32) Benzene-d6	5.33	84	206614	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
36) 1,2-Dichloropropane-d6	6.32	67	66524	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.40%
41) Toluene-d8	7.56	98	187583	49.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.28%
43) trans-1,3-Dichloropropene-	7.85	79	30305	50.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.34%
47) 2-Hexanone-d5	8.31	63	67105	109.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98954	54.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	78905	53.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.42%

Target Compounds

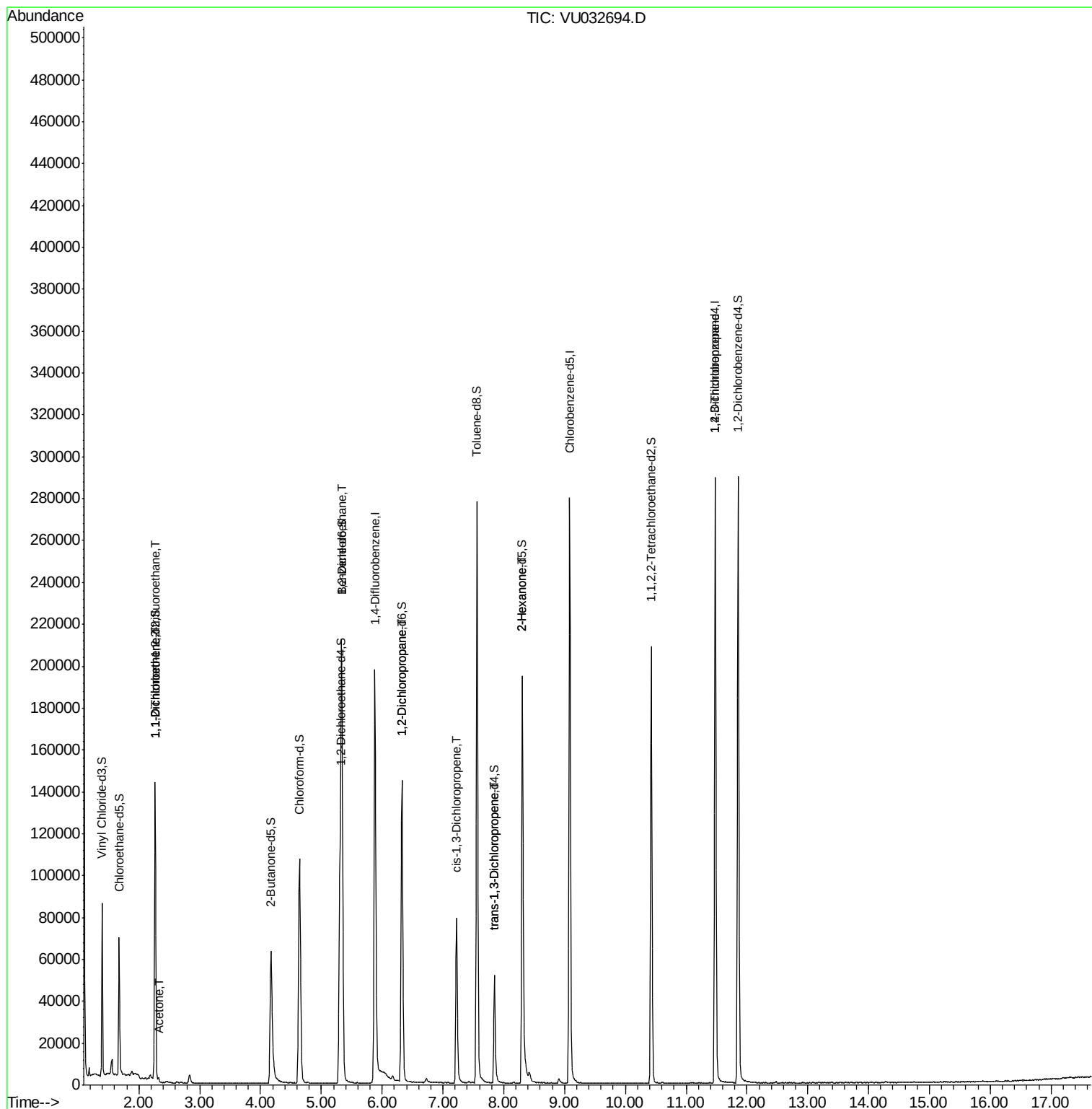
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	644	0.651 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	596	0.620 ug/L #	1
13) Acetone	2.32	43	978	1.078 ug/L	66
27) 1,2-Dichloroethane	5.33	62	1411	0.911 ug/L #	75
37) 1,2-Dichloropropane	6.32	63	7738	6.700 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2129	1.168 ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1527	0.944 ug/L	96
48) 2-Hexanone	8.31	43	8495	5.567 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	9410	6.268 ug/L	89

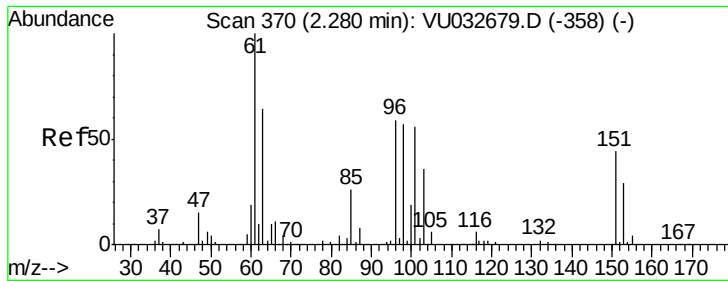
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.651 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

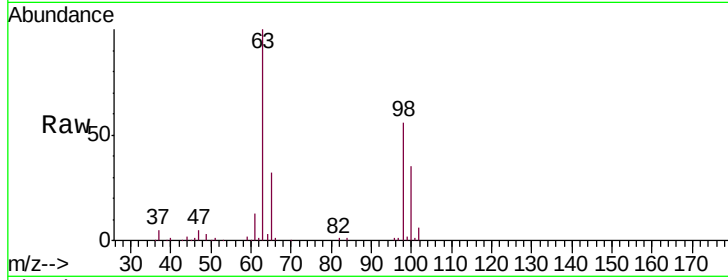
Tgt Ion: 101 Resp: 644

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

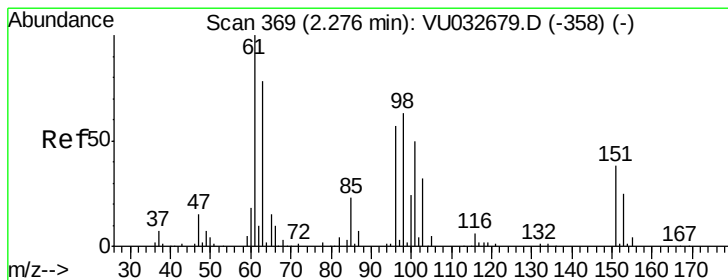
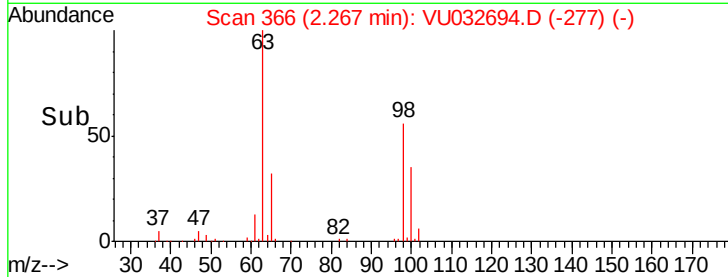
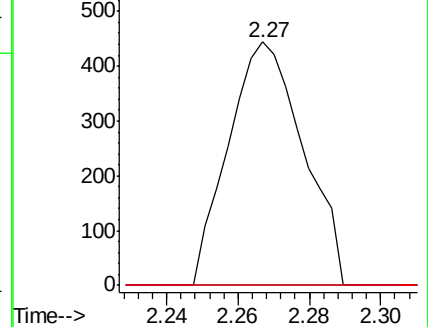
151 0.0 63.0 94.4#



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: 0.620 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032694.D

Acq: 13 Jun 2019 15:06

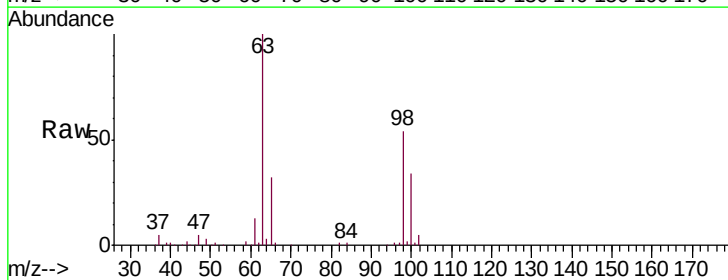
Tgt Ion: 96 Resp: 596

Ion Ratio Lower Upper

96 100

61 1332.3 129.5 240.5#

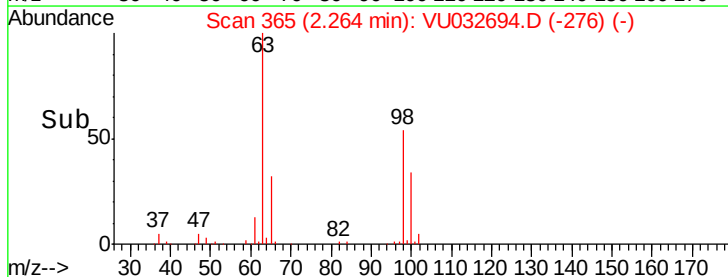
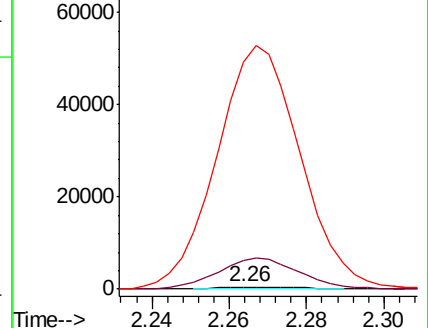
63 10656.3 103.4 192.0#

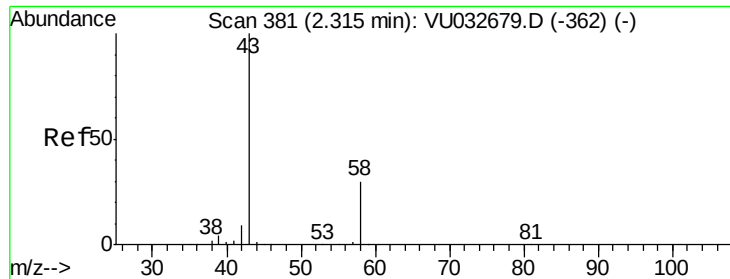


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.078 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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Acq: 13 Jun 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

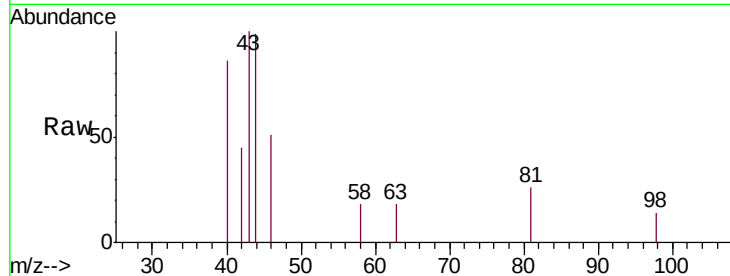
VHBLK01

Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

58 13.0 0.0 64.0

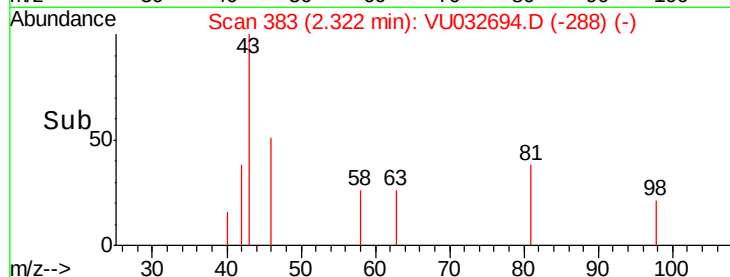


Abundance Ion 43.00 (42.70 to 43.70): VU032679.D (-362) (-)

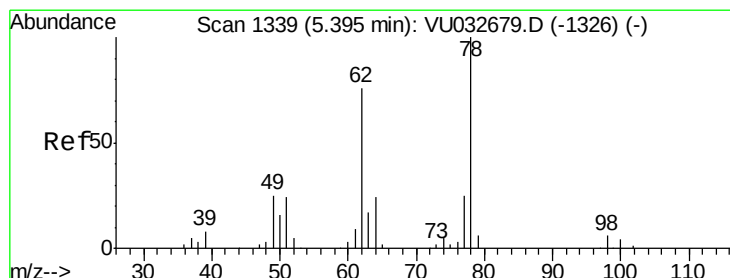
Ion 58.00 (57.70 to 58.70): VU032679.D (-362) (-)

2.32

2.30 2.35



Time-->



#27

1,2-Dichloroethane

Concen: 0.911 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032694.D

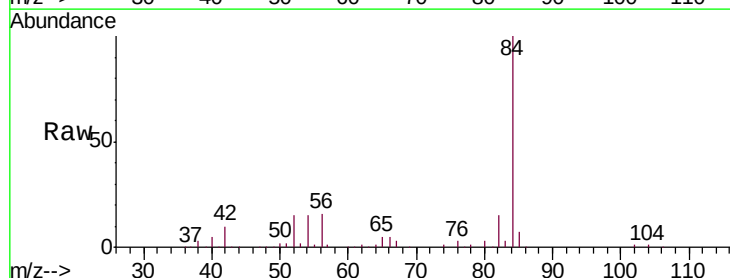
Acq: 13 Jun 2019 15:06

Tgt Ion: 62 Resp: 1411

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#

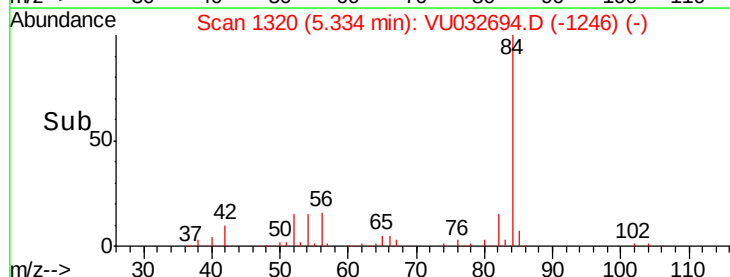


Abundance Ion 62.00 (61.70 to 62.70): VU032679.D (-1326) (-)

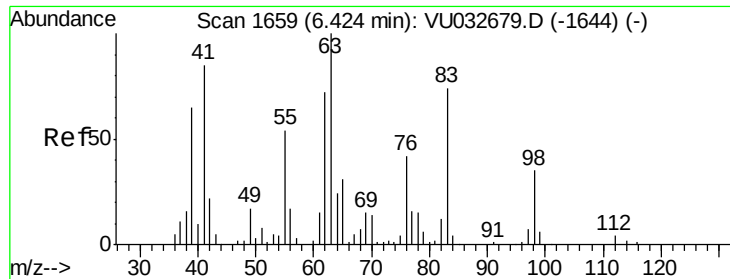
Ion 98.00 (97.70 to 98.70): VU032679.D (-1326) (-)

5.33

5.30 5.35



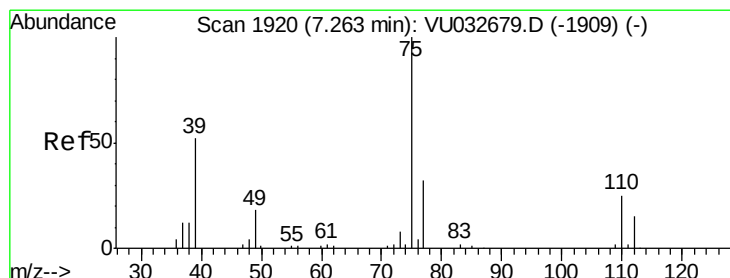
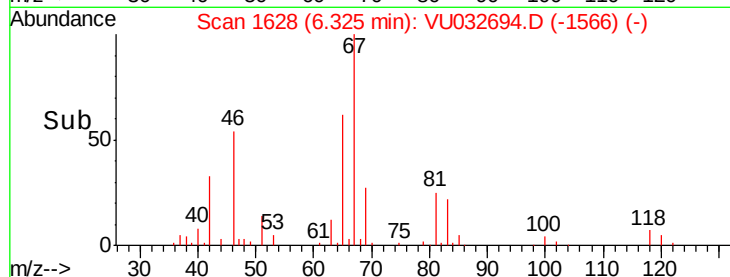
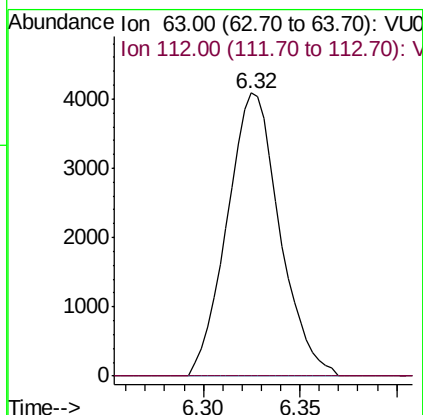
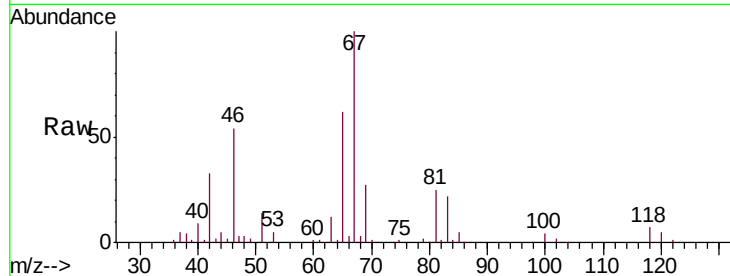
Time-->



#37
 1,2-Dichloropropane
 Concen: 6.700 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032694.D
 Acq: 13 Jun 2019 15:06

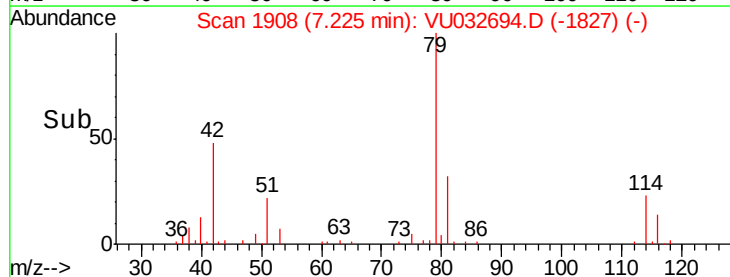
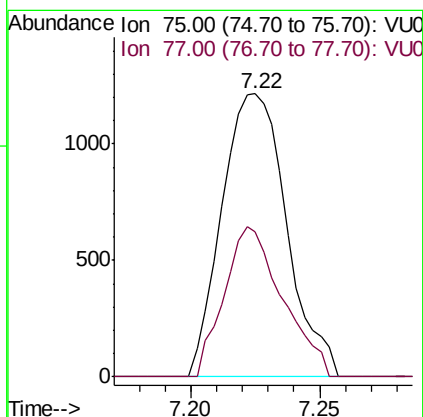
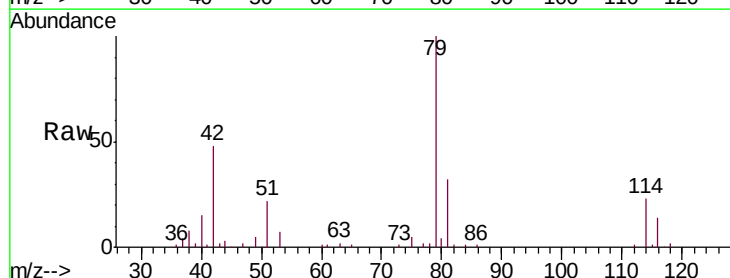
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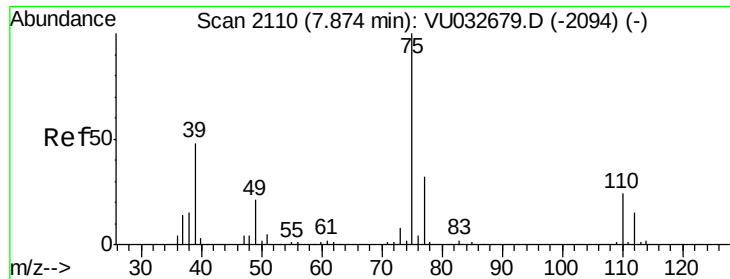
Tgt Ion: 63 Resp: 7738
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.168 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032694.D
 Acq: 13 Jun 2019 15:06

Tgt Ion: 75 Resp: 2129
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.0 41.0#

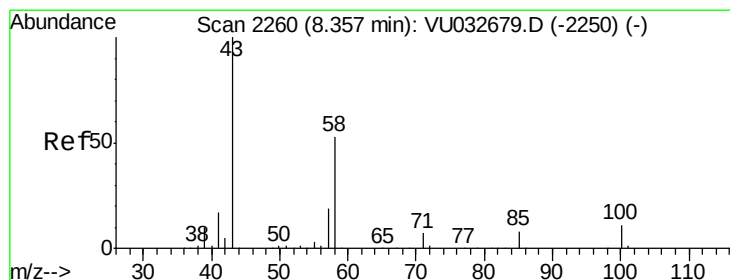
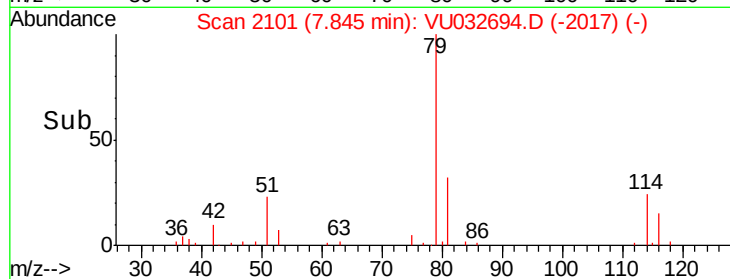
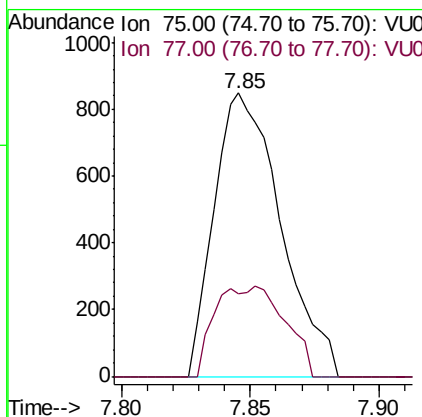
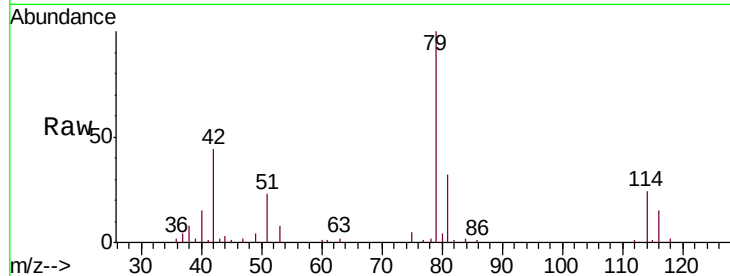




#44
 trans-1,3-Dichloropropene
 Concen: 0.944 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032694.D
 Acq: 13 Jun 2019 15:06

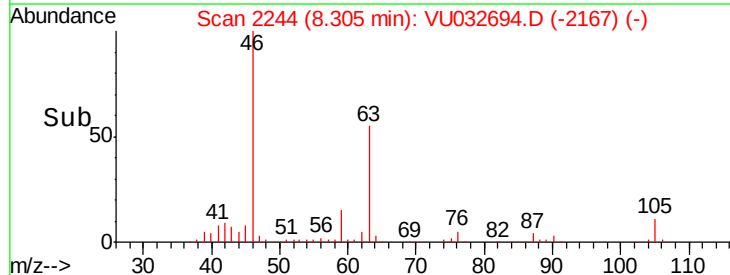
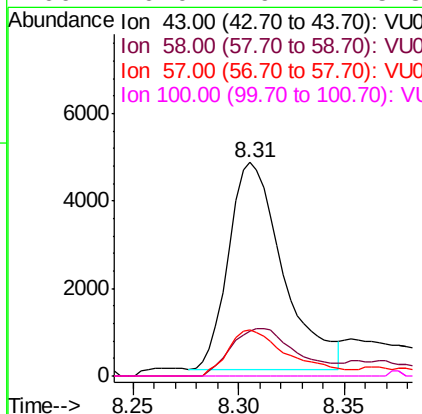
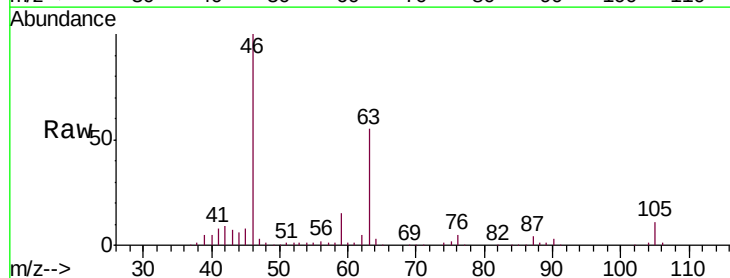
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

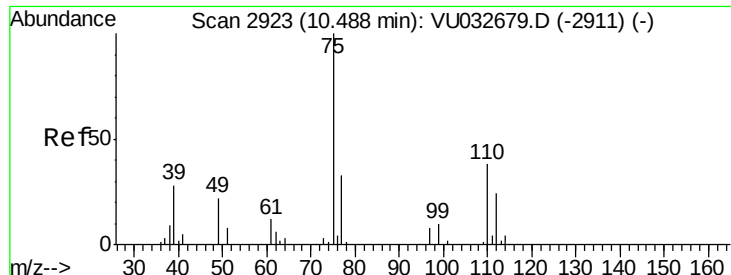
Tgt Ion: 75 Resp: 1527
 Ion Ratio Lower Upper
 75 100
 77 29.1 22.1 41.1



#48
 2-Hexanone
 Concen: 5.567 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
 Lab File: VU032694.D
 Acq: 13 Jun 2019 15:06

Tgt Ion: 43 Resp: 8495
 Ion Ratio Lower Upper
 43 100
 58 27.8 42.0 63.0#
 57 25.0 14.6 22.0#
 100 0.0 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 6.268 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032694.D

Acq: 13 Jun 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

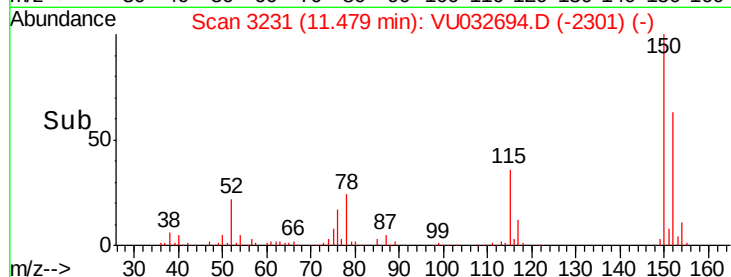
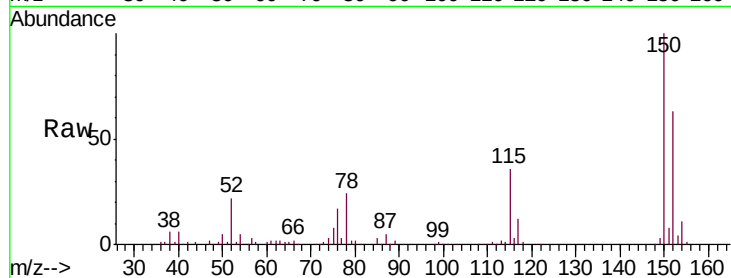
VHBLK01

Tgt Ion: 75 Resp: 9410

Ion Ratio Lower Upper

75 100

77 38.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

