

Data File : VU026642.D
Acq On : 10 Sep 2018 11:39
Operator : MD/SY
Sample : VU0910WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK49

Quant Time: Sep 11 05:30:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	197403	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178275	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72172	49.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.12%
7) Chloroethane-d5	1.68	69	59336	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.10%
11) 1,1-Dichloroethene-d2	2.27	63	103251	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.44%
21) 2-Butanone-d5	4.17	46	88547	96.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.73%
24) Chloroform-d	4.65	84	117582	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
26) 1,2-Dichloroethane-d4	5.31	65	79446	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
32) Benzene-d6	5.34	84	245794	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.54%
36) 1,2-Dichloropropane-d6	6.33	67	82525	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.60%
41) Toluene-d8	7.57	98	222115	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.85	79	36511	50.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.44%
47) 2-Hexanone-d5	8.31	63	63878	101.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103791	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	82238	53.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.66%

Target Compounds

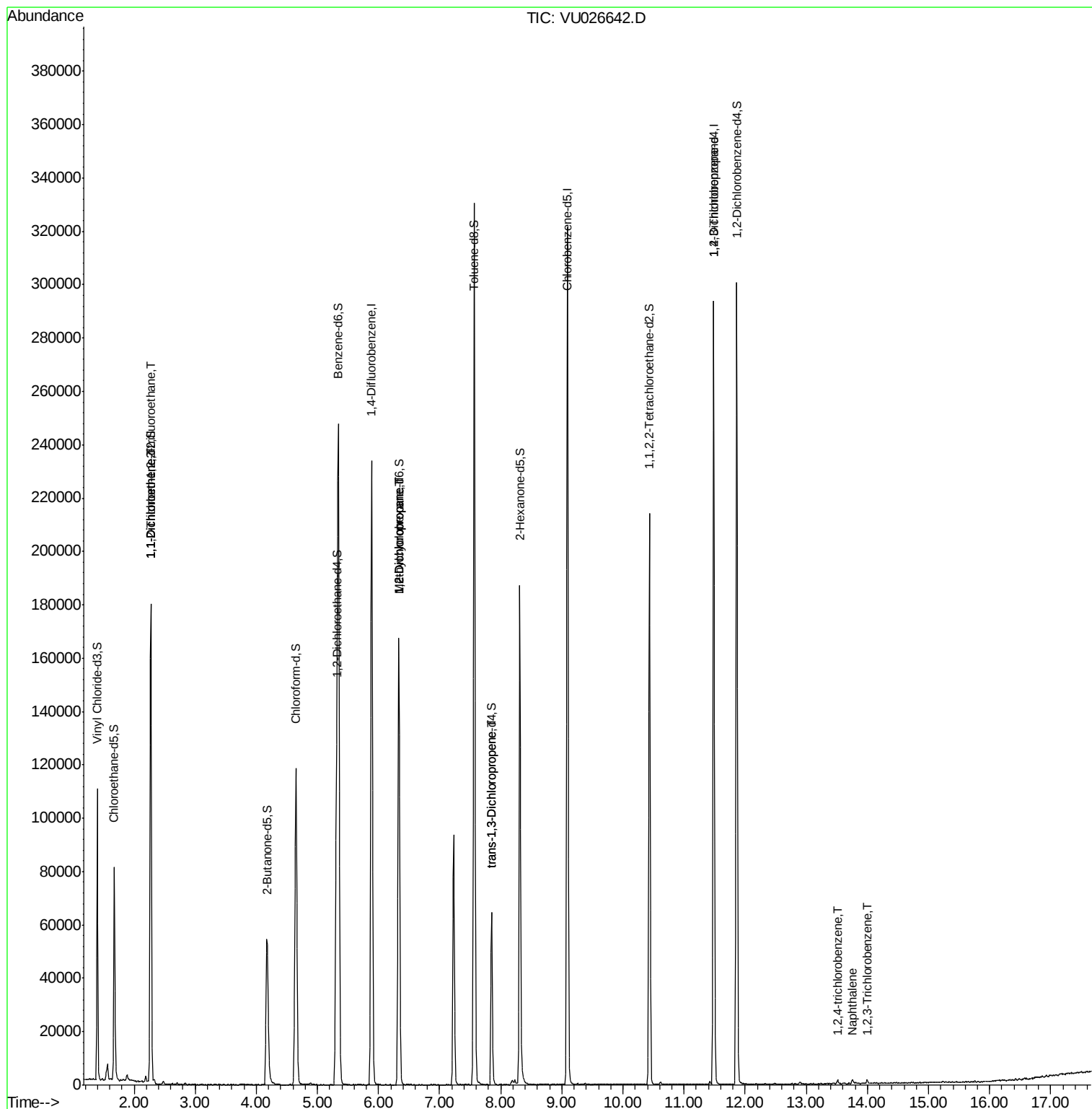
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	891	0.735	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	817	0.702	ug/L #	1
35) Methylcyclohexane	6.33	83	18462	9.295	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8825	6.328	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1610	0.839	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	9083	5.504	ug/L	92
68) 1,2,4-Trichlorobenzene	13.51	180	764	0.504	ug/L #	89
69) Naphthalene	13.75	128	2338	0.503	ug/L #	81
70) 1,2,3-Trichlorobenzene	13.99	180	877	0.534	ug/L #	92

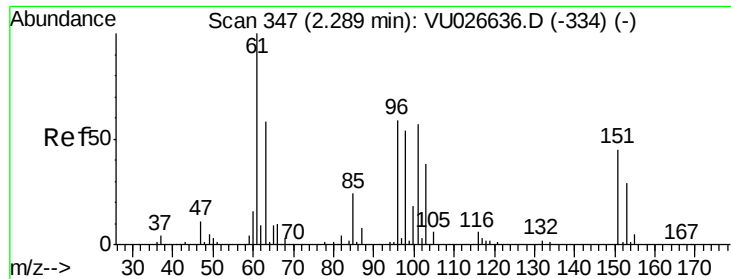
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.735 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

VBLK49

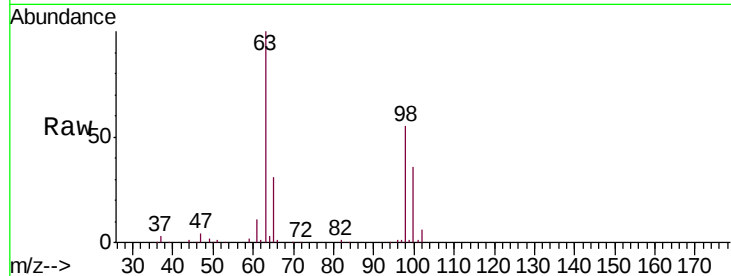
Tgt Ion: 101 Resp: 891

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

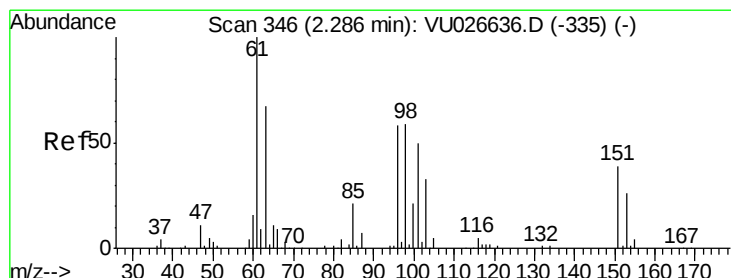
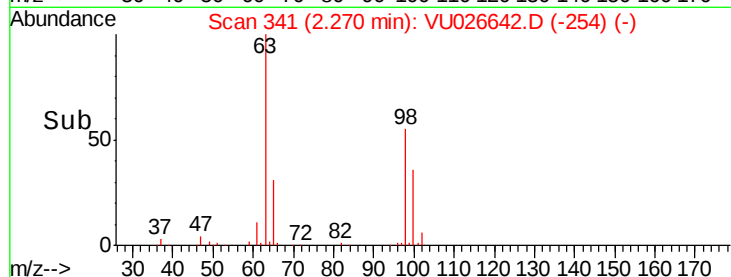
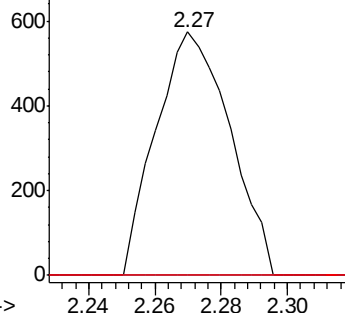
151 0.0 62.6 94.0#



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: 0.702 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026642.D

Acq: 10 Sep 2018 11:39

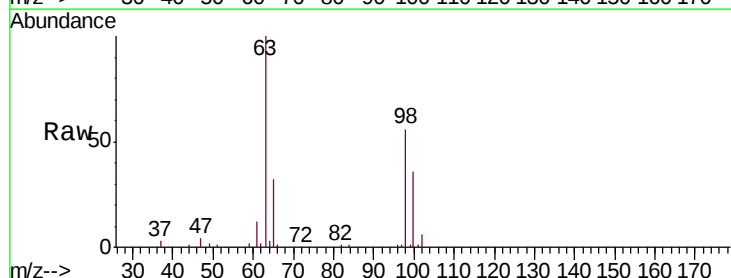
Tgt Ion: 96 Resp: 817

Ion Ratio Lower Upper

96 100

61 1451.9 121.0 224.8#

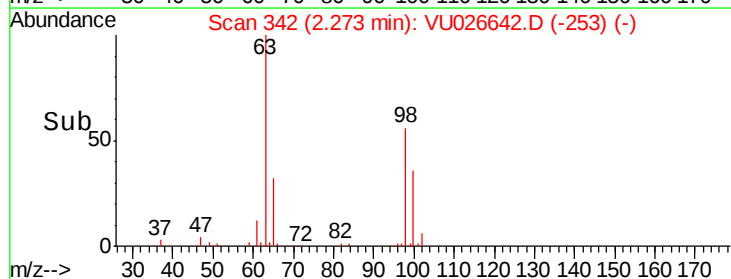
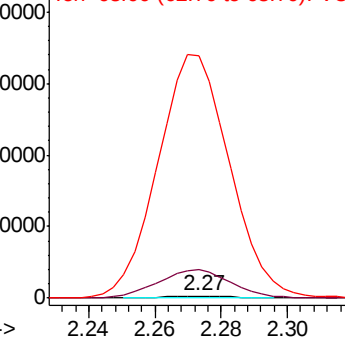
63 12480.3 89.9 166.9#

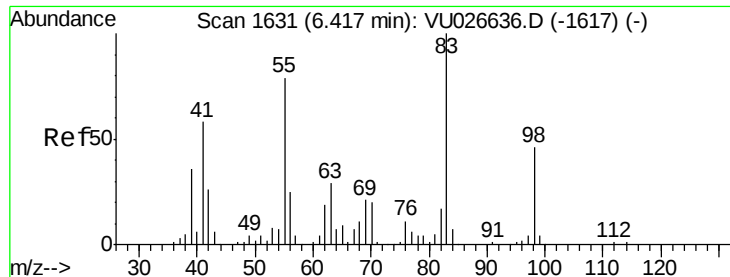


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#35

Methylcyclohexane

Concen: 9.295 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026642.D

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ClientSampleId :

VBLK49

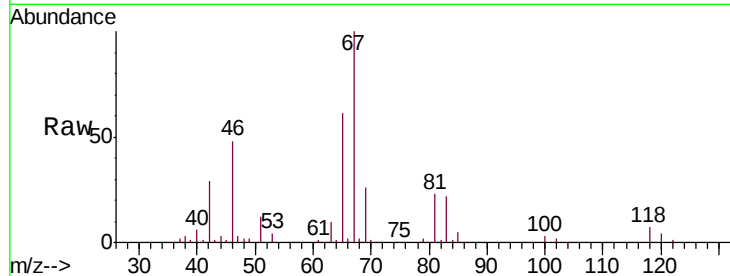
Tgt Ion: 83 Resp: 18462

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

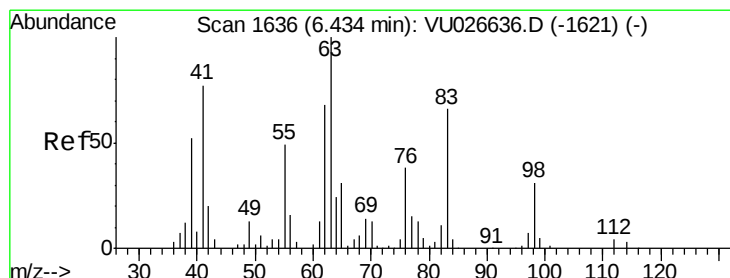
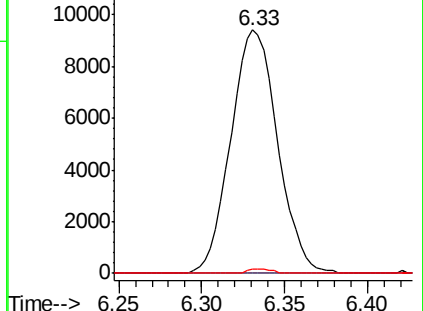
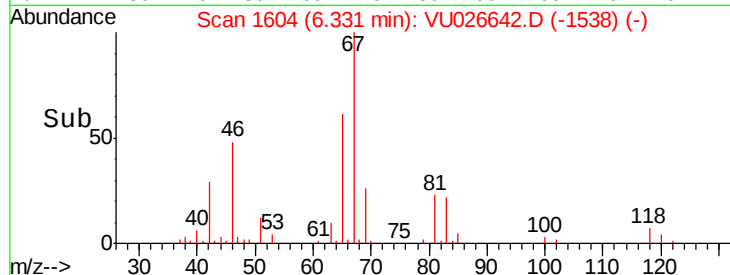
98 0.8 37.0 55.4#



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: 6.328 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026642.D

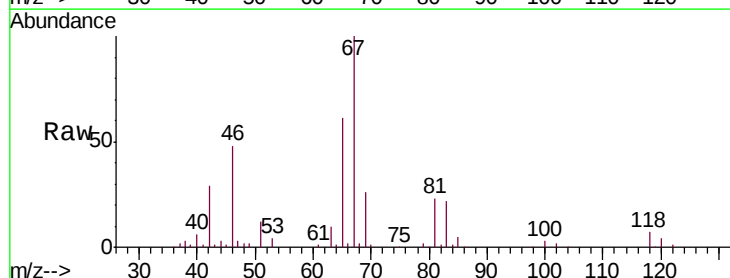
Acq: 10 Sep 2018 11:39

Tgt Ion: 63 Resp: 8825

Ion Ratio Lower Upper

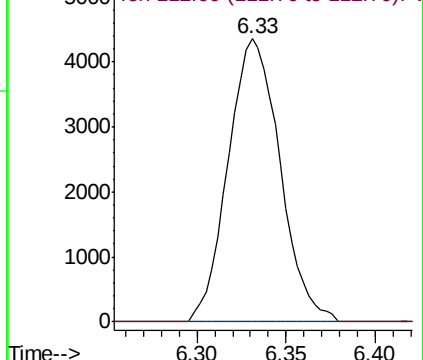
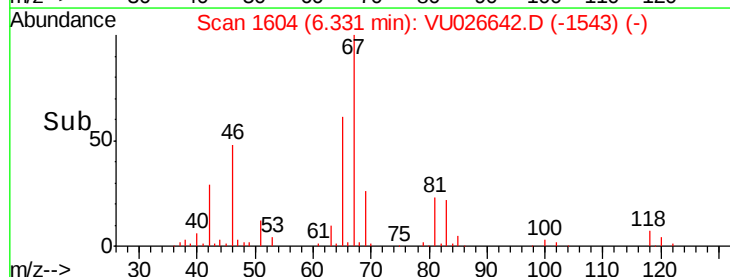
63 100

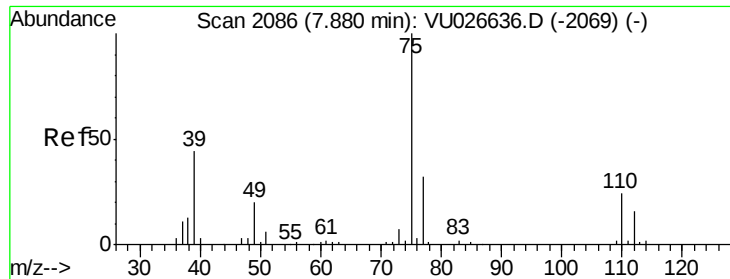
112 0.0 2.9 4.3#



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: 0.839 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026642.D

Acq: 10 Sep 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

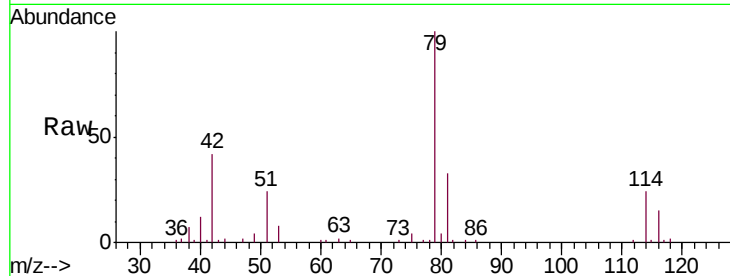
VBLK49

Tgt Ion: 75 Resp: 1610

Ion Ratio Lower Upper

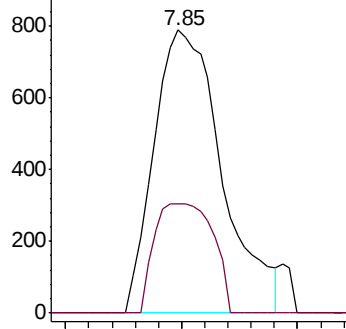
75 100

77 38.4 22.4 41.6

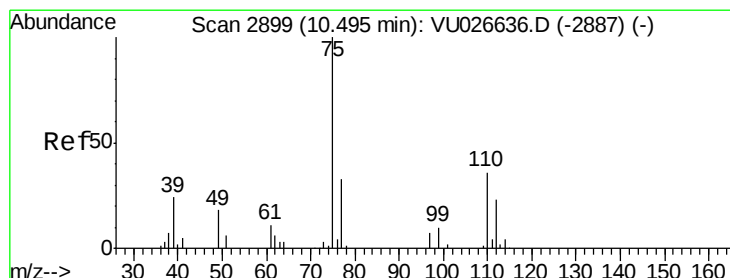
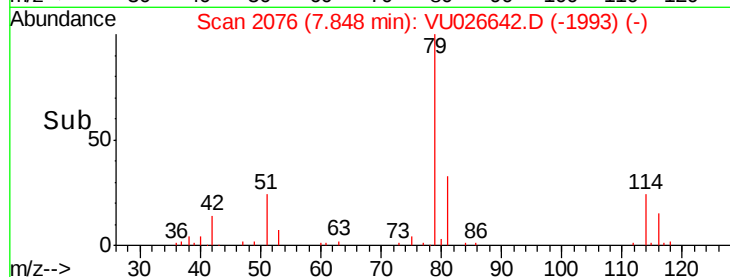


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



#59

1,2,3-Trichloropropane

Concen: 5.504 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026642.D

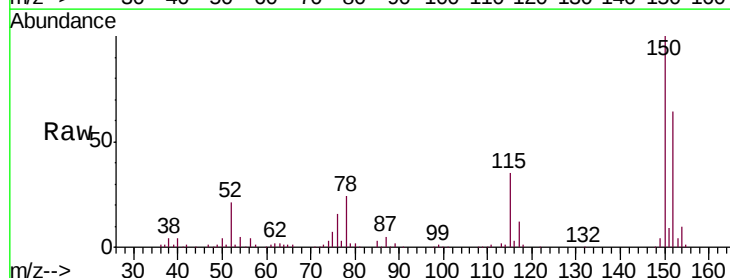
Acq: 10 Sep 2018 11:39

Tgt Ion: 75 Resp: 9083

Ion Ratio Lower Upper

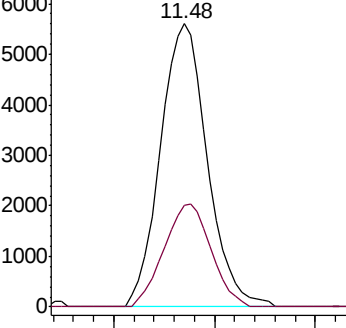
75 100

77 36.5 25.8 38.6

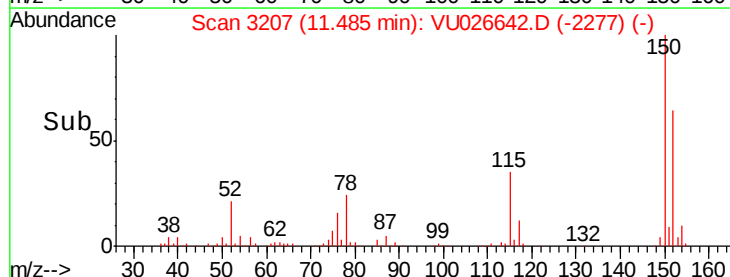


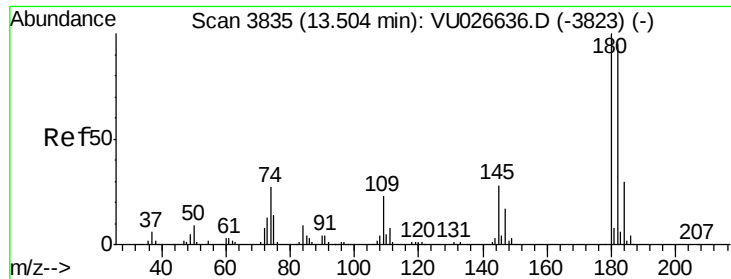
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

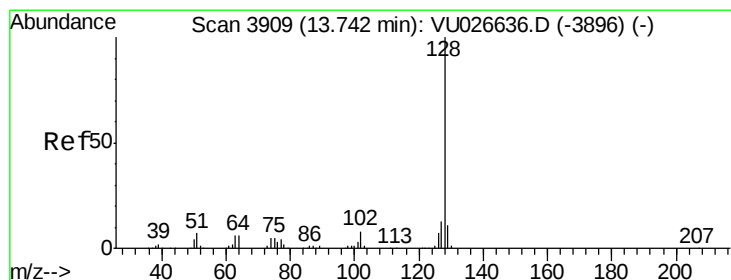
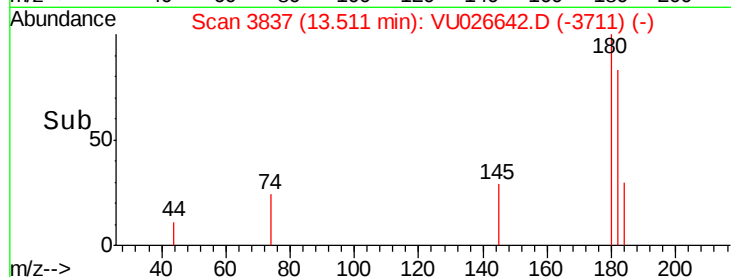
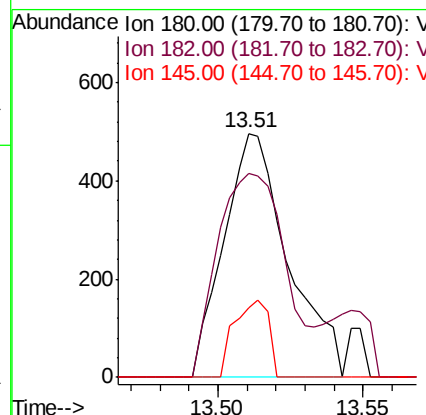
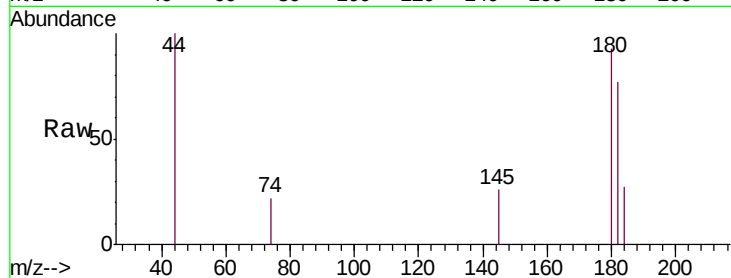




#68
 1,2,4-trichlorobenzene
 Concen: 0.504 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026642.D
 Acq: 10 Sep 2018 11:39

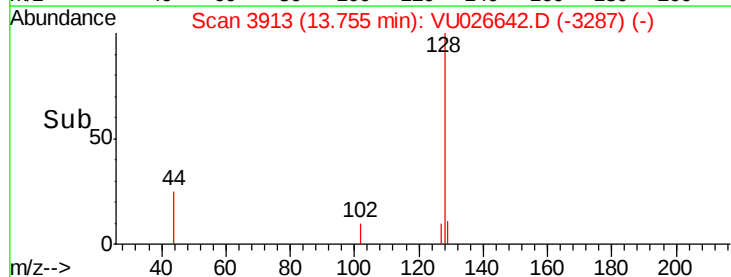
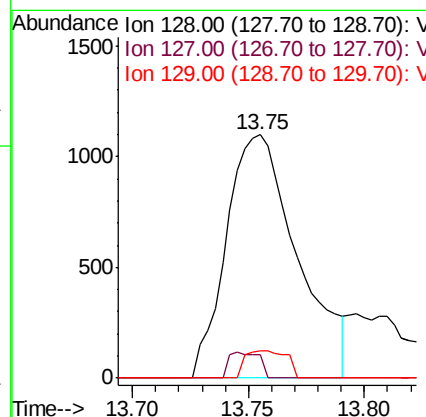
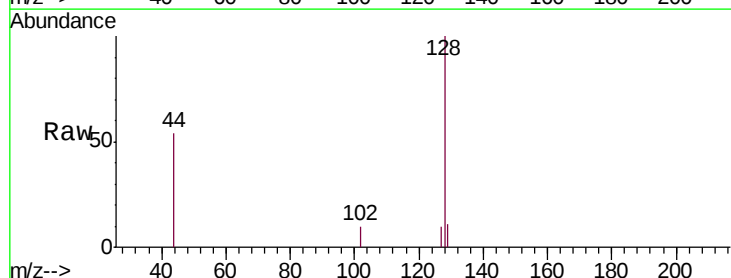
Instrument :
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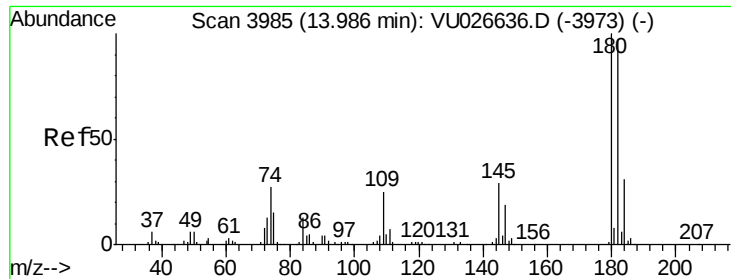
Tgt Ion:180 Resp: 764
 Ion Ratio Lower Upper
 180 100
 182 88.7 76.0 114.0
 145 16.5 23.4 35.0#



#69
 Naphthalene
 Concen: 0.503 ug/L
 RT: 13.75 min Scan# 3913
 Delta R.T. 0.01 min
 Lab File: VU026642.D
 Acq: 10 Sep 2018 11:39

Tgt Ion:128 Resp: 2338
 Ion Ratio Lower Upper
 128 100
 127 3.6 10.3 15.5#
 129 5.6 8.6 13.0#

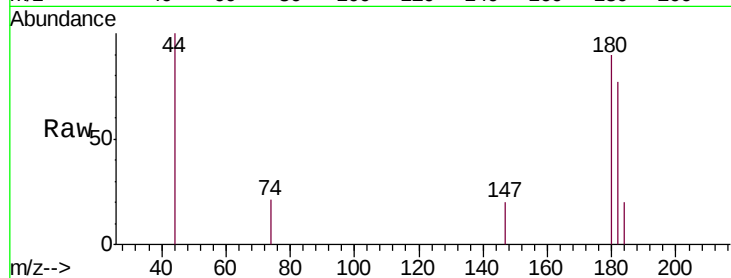




#70
 1,2,3-Trichlorobenzene
 Concen: 0.534 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026642.D
 Acq: 10 Sep 2018 11:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK49

Tgt Ion:180 Resp: 877
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.7 115.1
 145 11.3 23.0 34.6#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

