

Data File : VU029624.D
Acq On : 22 Feb 2019 17:00
Operator : JC/SP
Sample : VU0222WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK60

Quant Time: Feb 22 23:11:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	494073	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	475071	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	163855	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.52%
7) Chloroethane-d5	1.68	69	140875	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.54%
11) 1,1-Dichloroethene-d2	2.27	63	247367	34.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.90%
21) 2-Butanone-d5	4.17	46	216214	98.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.14%
24) Chloroform-d	4.65	84	279350	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
26) 1,2-Dichloroethane-d4	5.31	65	182182	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
32) Benzene-d6	5.34	84	617063	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
36) 1,2-Dichloropropane-d6	6.33	67	188608	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.88%
41) Toluene-d8	7.56	98	584712	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.85	79	83875	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.31	63	188207	93.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	277232	45.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	242773	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%

Target Compounds

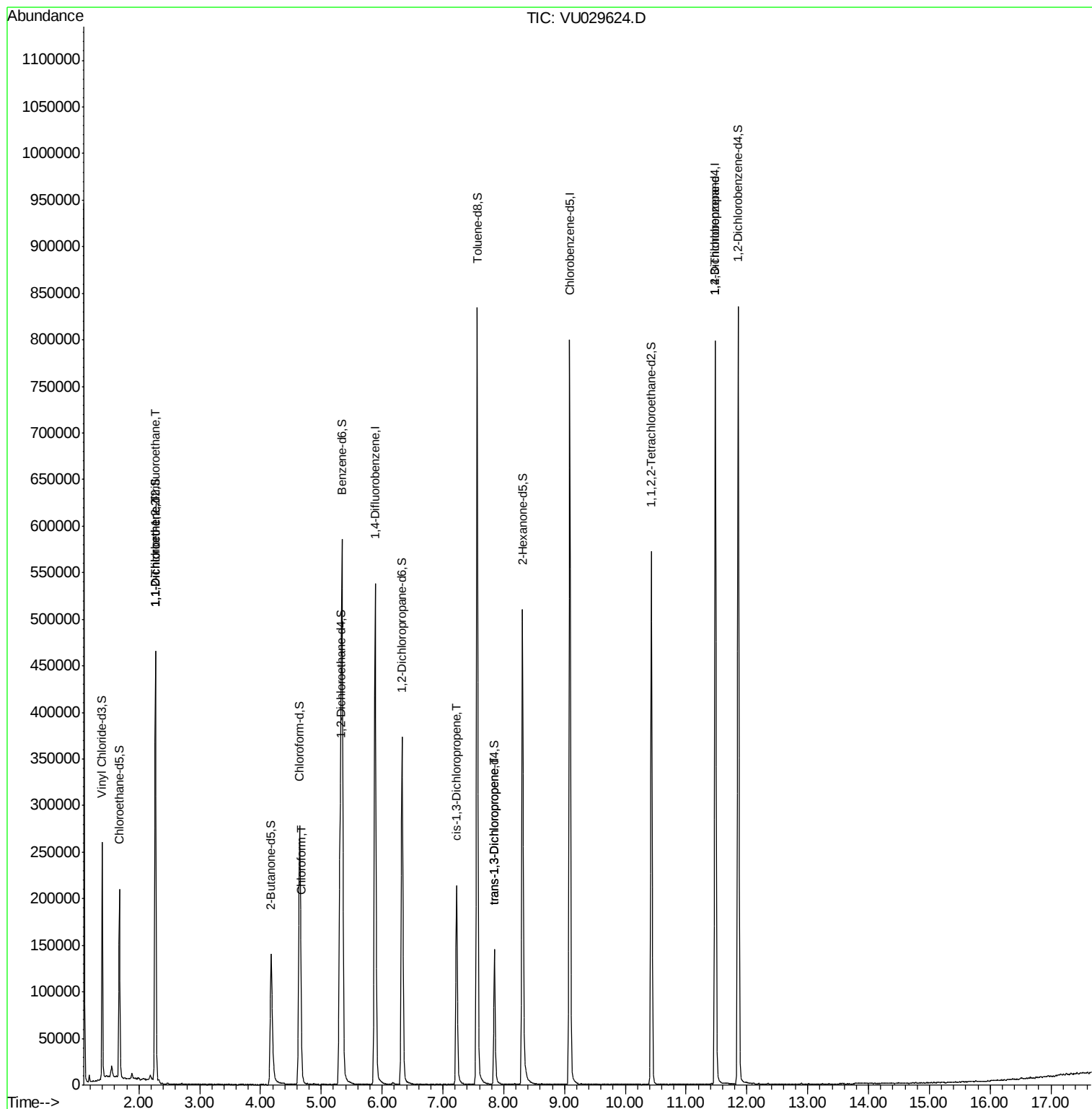
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2561	0.744	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2364	0.723	ug/L #	1
25) Chloroform	4.67	83	7498	1.287	ug/L	97
39) cis-1,3-Dichloropropene	7.23	75	4824	0.935	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	3264	0.671	ug/L #	56
59) 1,2,3-Trichloropropane	11.48	75	23625	5.182	ug/L	96

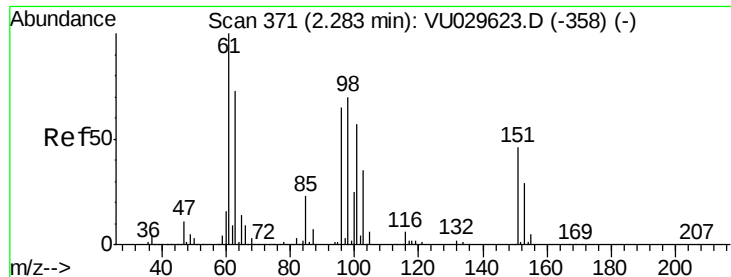
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.744 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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VBLK60

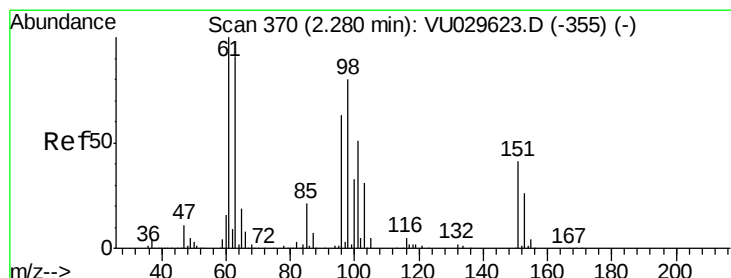
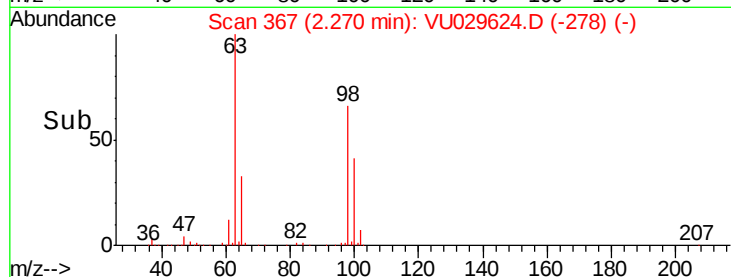
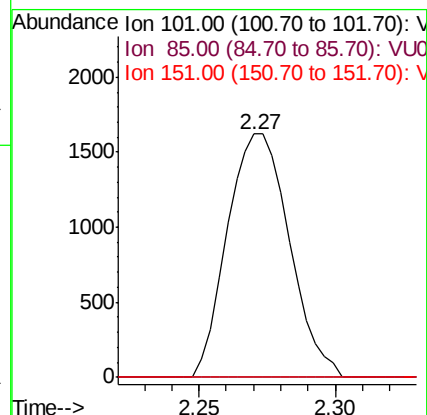
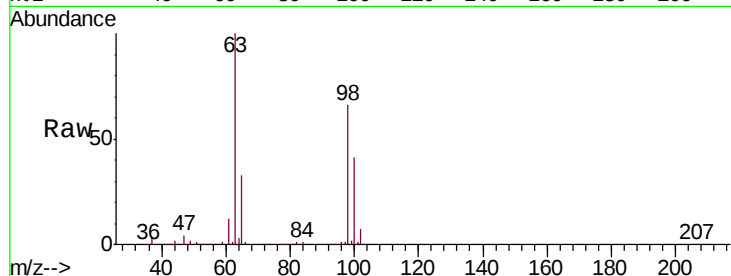
Tgt Ion: 101 Resp: 2561

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 0.0 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.723 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029624.D

Acq: 22 Feb 2019 17:00

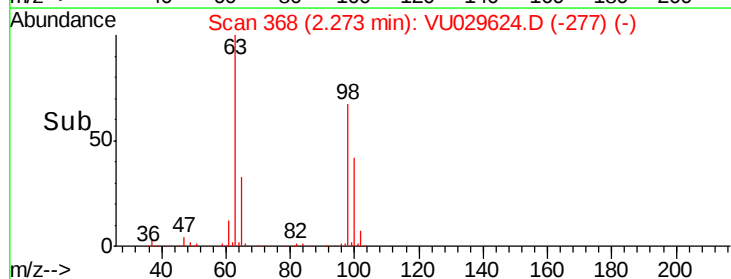
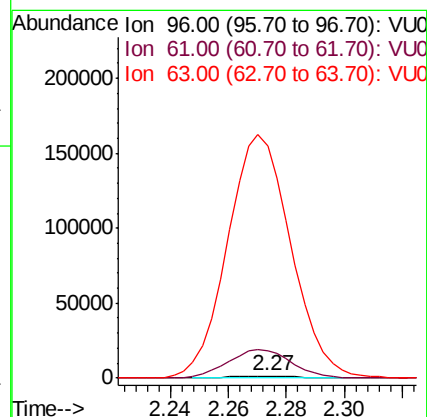
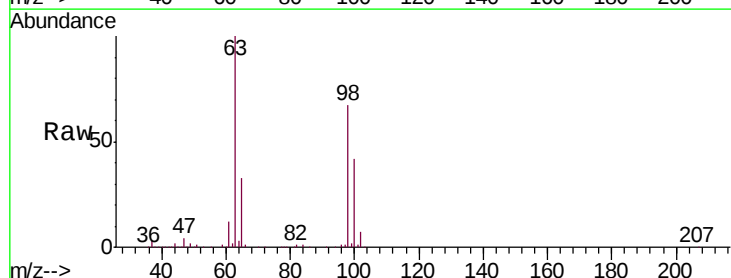
Tgt Ion: 96 Resp: 2364

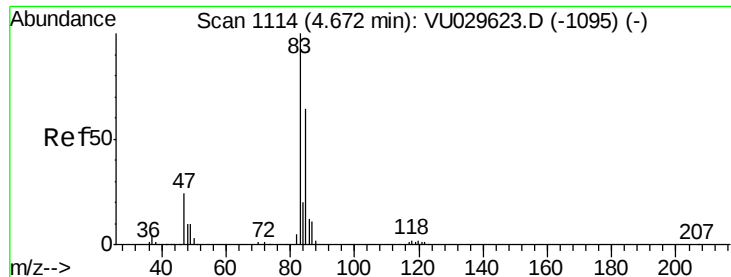
Ion Ratio Lower Upper

96 100

61 1258.9 114.0 211.8#

63 10570.3 98.7 183.3#





#25

Chloroform

Concen: 1.287 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

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ClientSampleId :

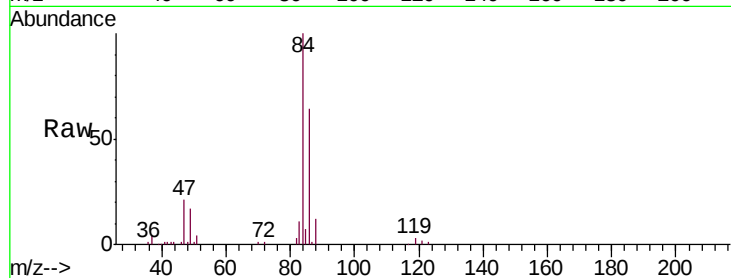
VBLK60

Tgt Ion: 83 Resp: 7498

Ion Ratio Lower Upper

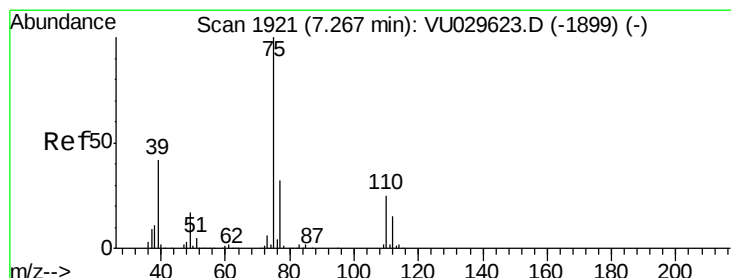
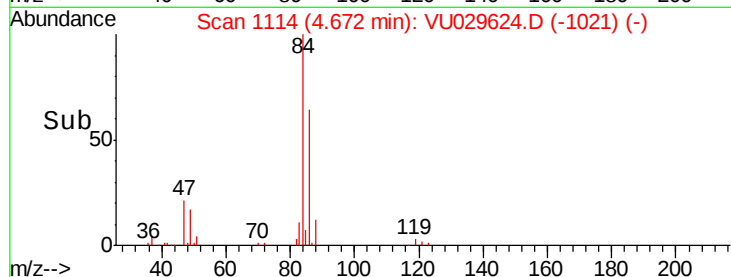
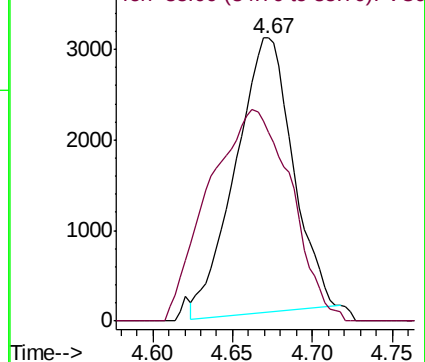
83 100

85 66.8 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 0.935 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029624.D

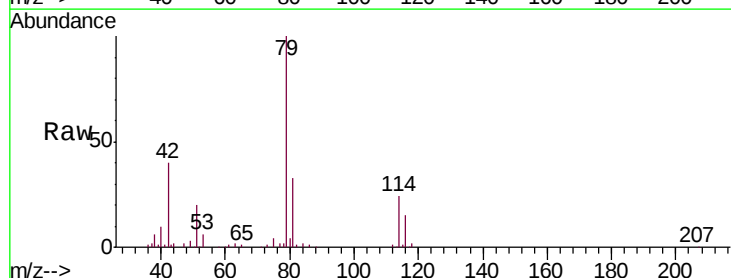
Acq: 22 Feb 2019 17:00

Tgt Ion: 75 Resp: 4824

Ion Ratio Lower Upper

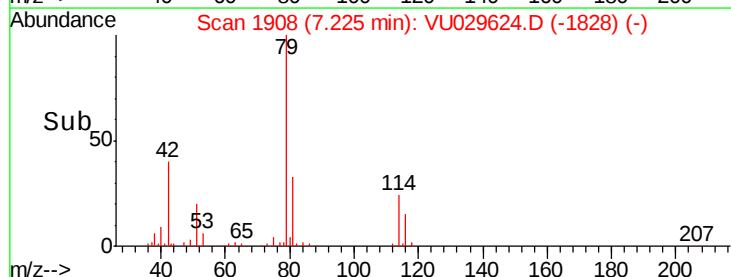
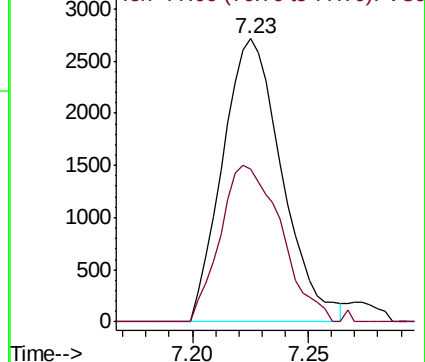
75 100

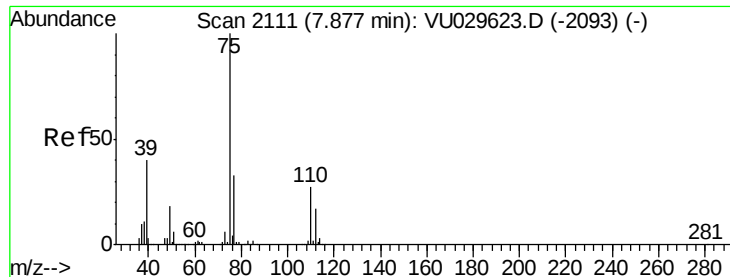
77 54.0 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.671 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029624.D

Acq: 22 Feb 2019 17:00

Instrument :

MSVOA_U

ClientSampleId :

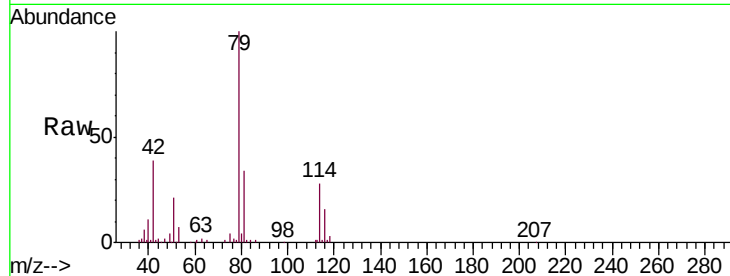
VBLK60

Tgt Ion: 75 Resp: 3264

Ion Ratio Lower Upper

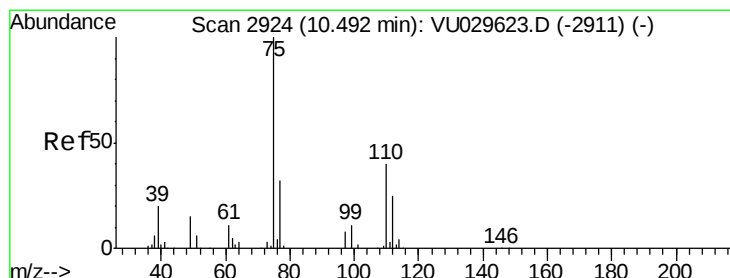
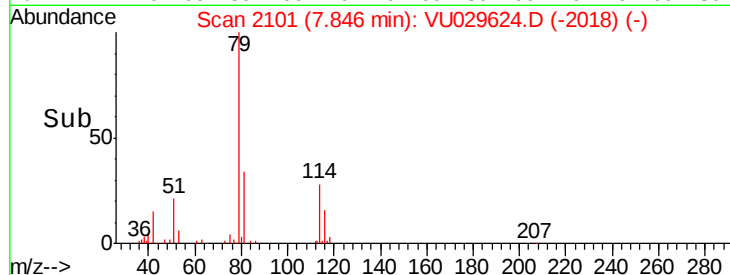
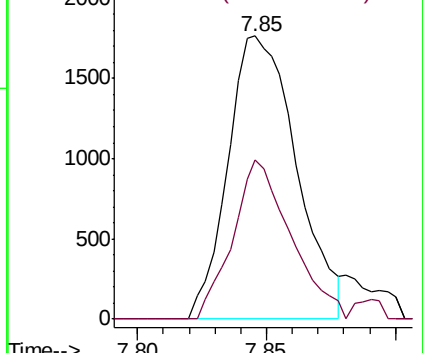
75 100

77 56.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.182 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029624.D

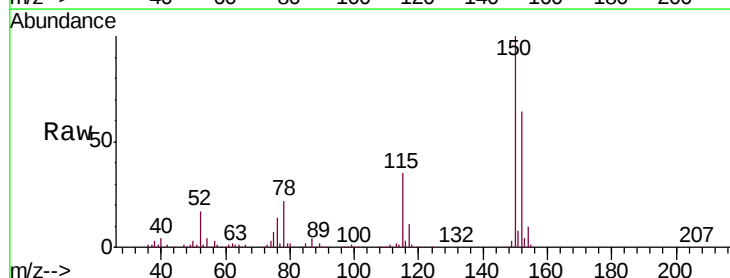
Acq: 22 Feb 2019 17:00

Tgt Ion: 75 Resp: 23625

Ion Ratio Lower Upper

75 100

77 34.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

