

Data File : VU027509.D
Acq On : 08 Oct 2018 19:11
Operator : MD/SY
Sample : J5298-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W2

Quant Time: Oct 09 05:23:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	187951	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	174072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72011	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53891	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.86%
7) Chloroethane-d5	1.68	69	46407	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.46%
11) 1,1-Dichloroethene-d2	2.27	63	78668	28.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.70%#
21) 2-Butanone-d5	4.18	46	128866	107.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.92%
24) Chloroform-d	4.65	84	108577	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
26) 1,2-Dichloroethane-d4	5.31	65	76072	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.34	84	212840	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
36) 1,2-Dichloropropane-d6	6.33	67	79338	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.86%
41) Toluene-d8	7.57	98	171997	38.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.14%#
43) trans-1,3-Dichloropropene-	7.85	79	33347	40.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.00%
47) 2-Hexanone-d5	8.31	63	88271	102.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108640	48.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	64216	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%

Target Compounds

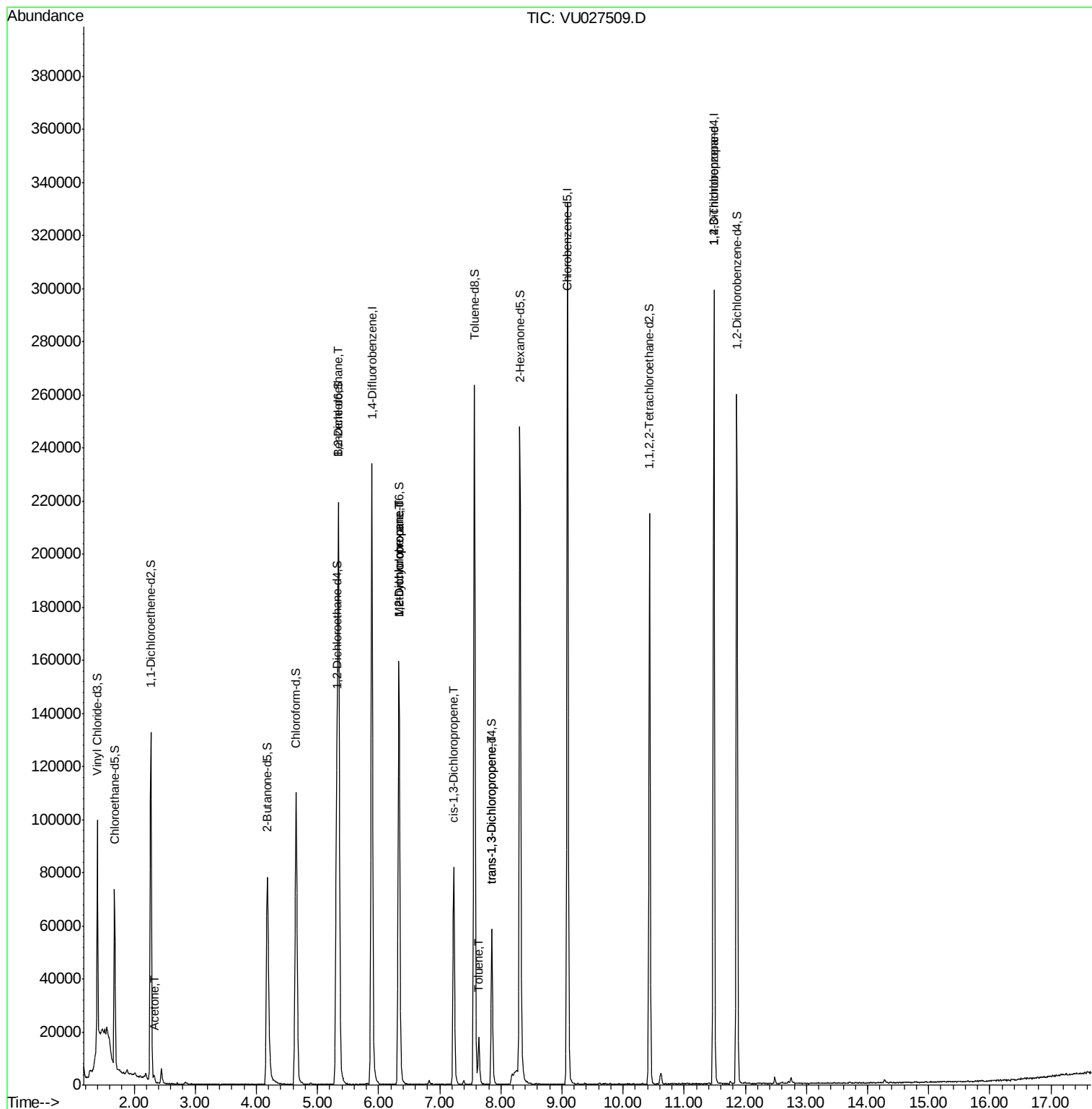
					Qvalue
13) Acetone	2.33	43	1518	1.550 ug/L	85
27) 1,2-Dichloroethane	5.34	62	1196	0.555 ug/L #	75
35) Methylcyclohexane	6.33	83	16987	7.107 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	8567	5.169 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1663	0.683 ug/L #	51
42) Toluene	7.64	91	13599	2.369 ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	1421	0.629 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	9949	5.302 ug/L	95

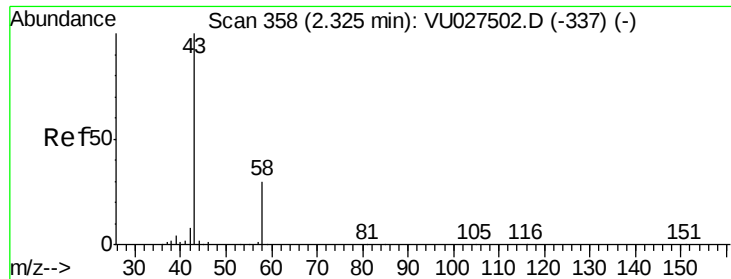
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.550 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU027509.D

Acq: 08 Oct 2018 19:11

Instrument :

MSVOA_U

ClientSampleId :

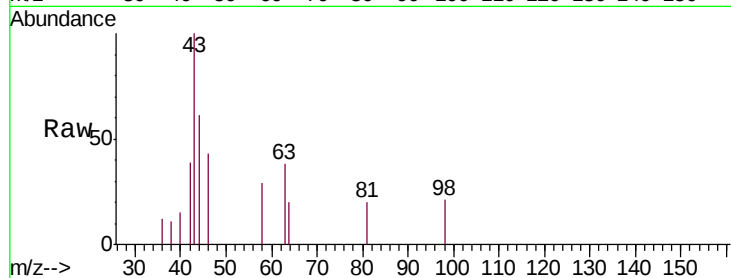
E62W2

Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

43 100

58 22.3 0.0 60.8

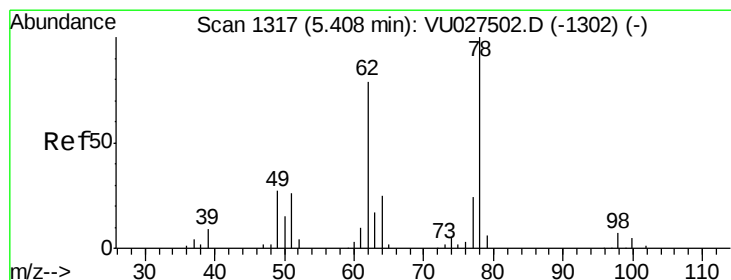
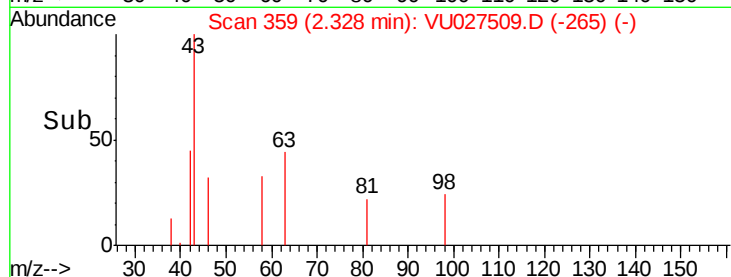


Abundance Ion 43.00 (42.70 to 43.70): VU027502.D (-337) (-)

Ion 58.00 (57.70 to 58.70): VU027502.D (-337) (-)

Time-->

2.30 2.35



#27

1,2-Dichloroethane

Concen: 0.555 ug/L

RT: 5.34 min Scan# 1297

Delta R.T. -0.06 min

Lab File: VU027509.D

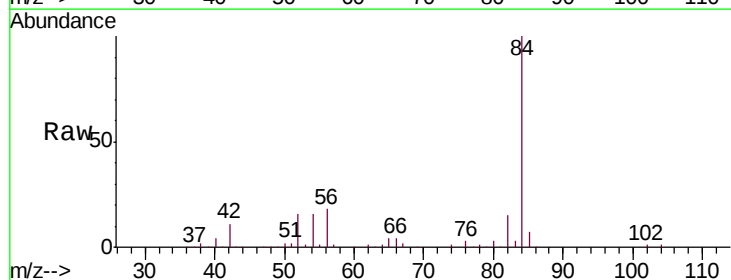
Acq: 08 Oct 2018 19:11

Tgt Ion: 62 Resp: 1196

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#

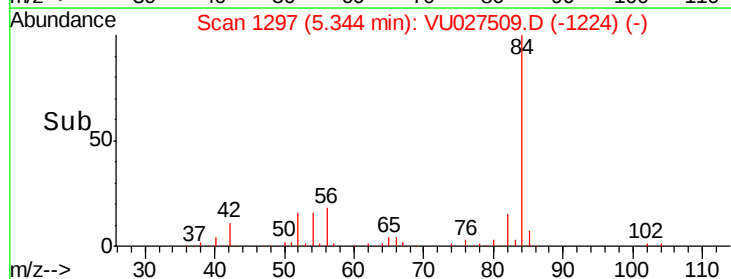


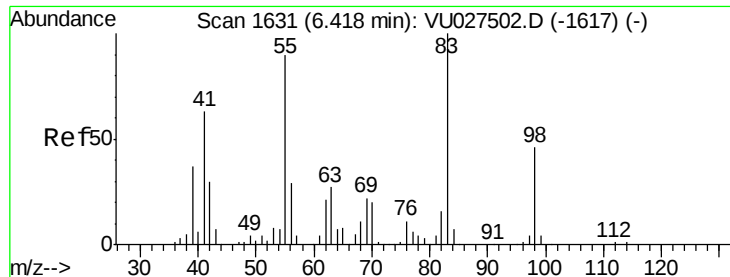
Abundance Ion 62.00 (61.70 to 62.70): VU027502.D (-1302) (-)

Ion 98.00 (97.70 to 98.70): VU027502.D (-1302) (-)

Time-->

5.30 5.35 5.40

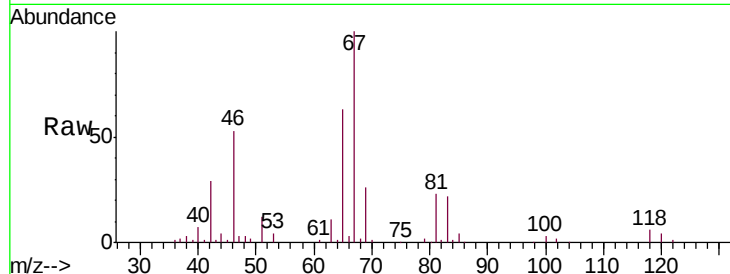




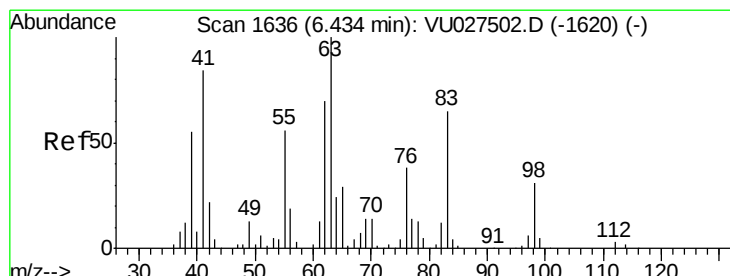
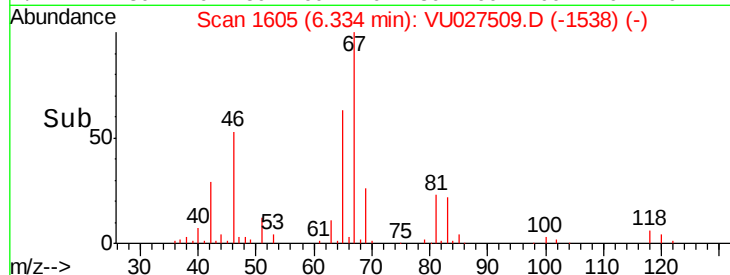
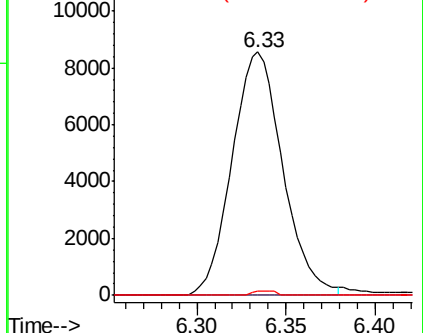
#35
Methylcyclohexane
Concen: 7.107 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027509.D
Acq: 08 Oct 2018 19:11

Instrument :
MSVOA_U
ClientSampleId :
E62W2

Tgt Ion: 83 Resp: 16987
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 0.8 37.1 55.7#

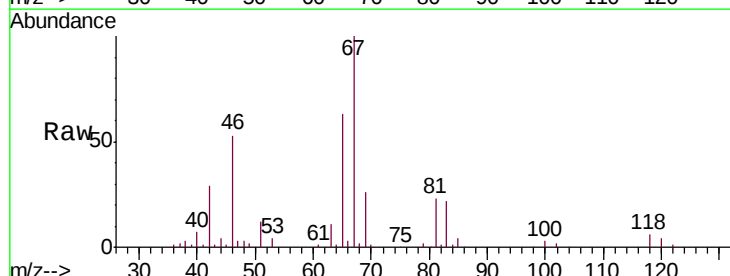


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

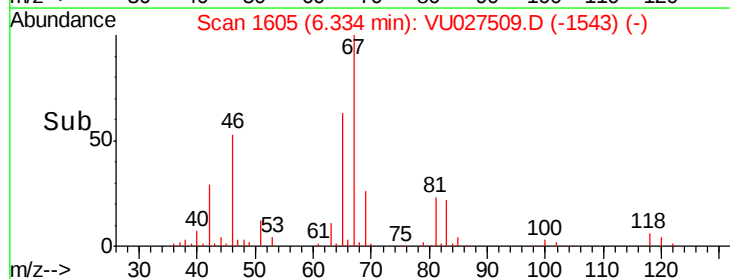
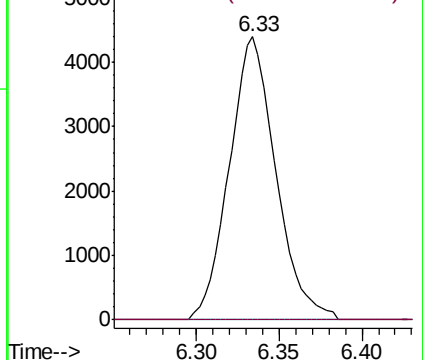


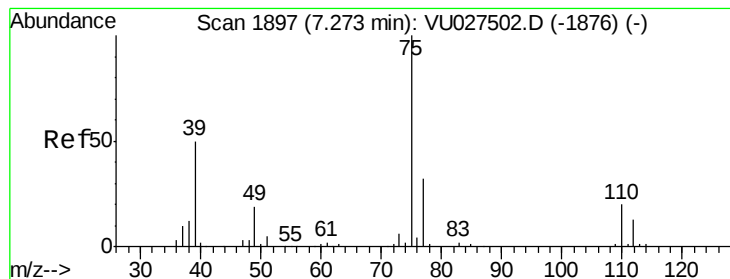
#37
1,2-Dichloropropane
Concen: 5.169 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027509.D
Acq: 08 Oct 2018 19:11

Tgt Ion: 63 Resp: 8567
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



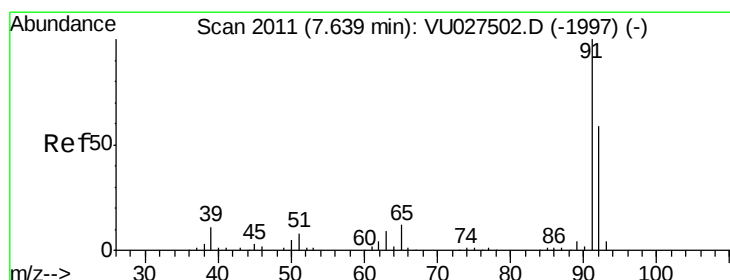
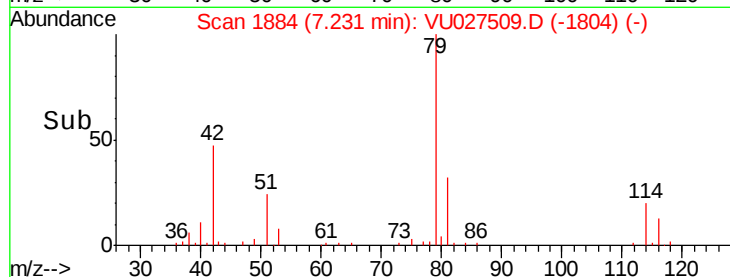
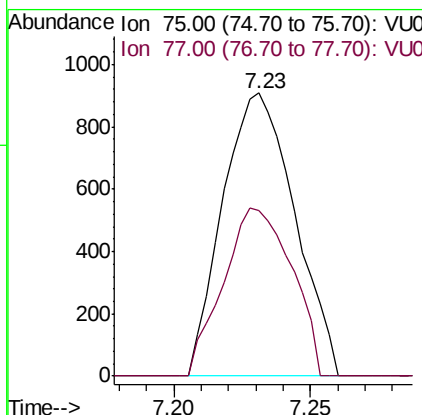
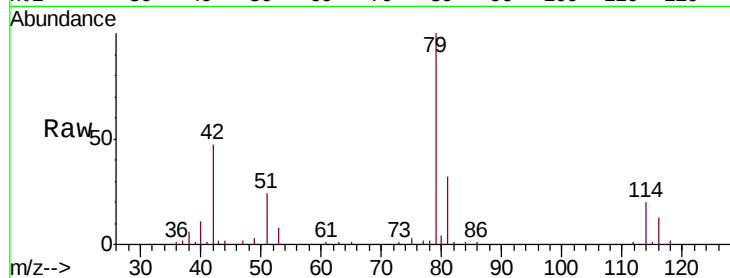


#39

cis-1,3-Dichloropropene
 Concen: 0.683 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027509.D
 Acq: 08 Oct 2018 19:11

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W2

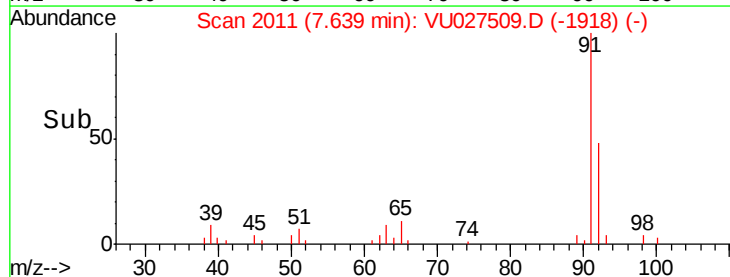
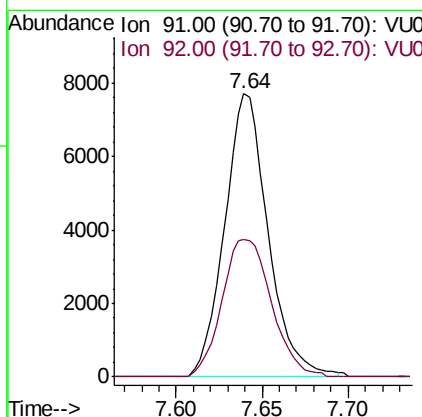
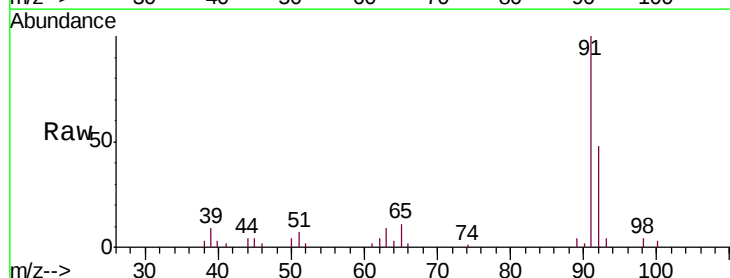
Tgt Ion: 75 Resp: 1663
 Ion Ratio Lower Upper
 75 100
 77 58.7 22.1 41.1#

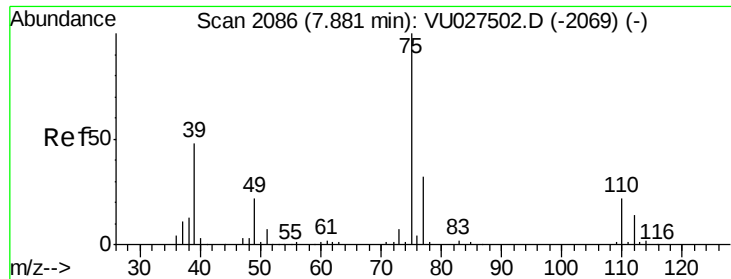


#42

Toluene
 Concen: 2.369 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027509.D
 Acq: 08 Oct 2018 19:11

Tgt Ion: 91 Resp: 13599
 Ion Ratio Lower Upper
 91 100
 92 48.5 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 0.629 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027509.D

Acq: 08 Oct 2018 19:11

Instrument :

MSVOA_U

ClientSampleId :

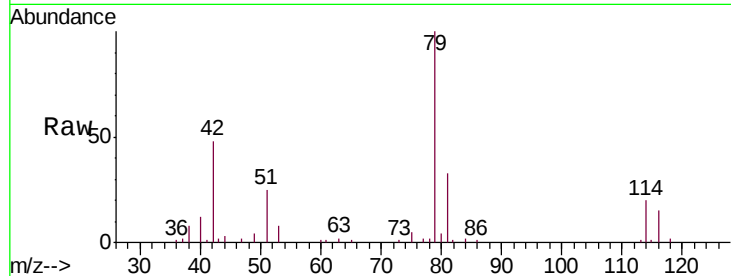
E62W2

Tgt Ion: 75 Resp: 1421

Ion Ratio Lower Upper

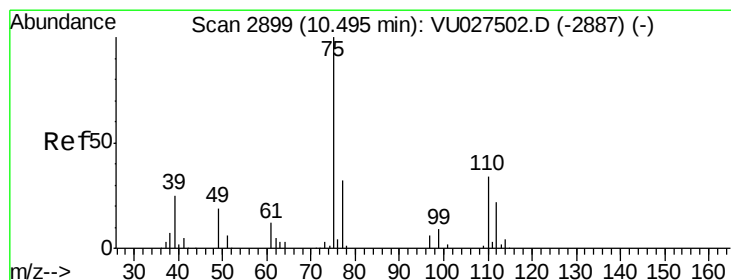
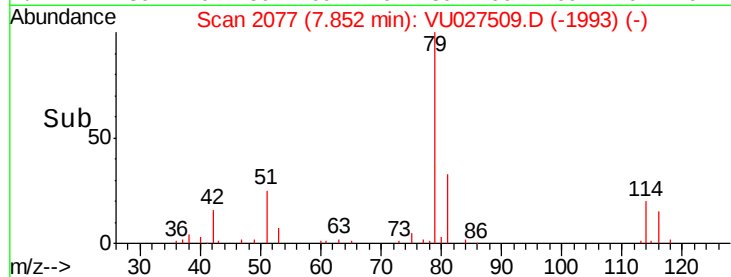
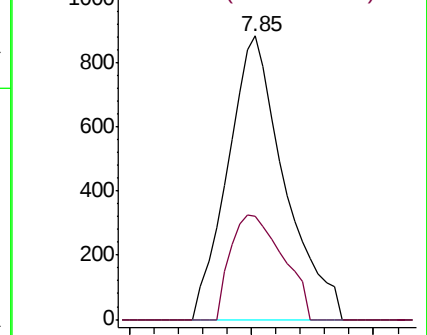
75 100

77 36.4 22.2 41.2



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: 5.302 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU027509.D

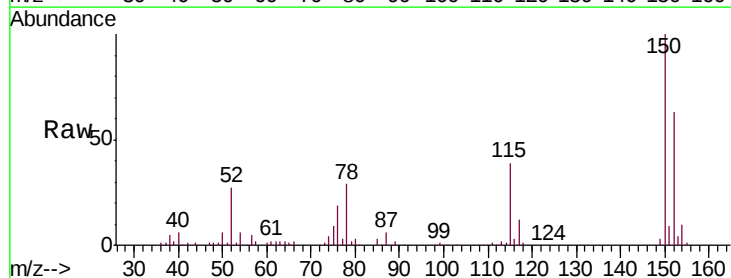
Acq: 08 Oct 2018 19:11

Tgt Ion: 75 Resp: 9949

Ion Ratio Lower Upper

75 100

77 35.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

