

Data File : VU027505.D
Acq On : 08 Oct 2018 17:38
Operator : MD/SY
Sample : J5298-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T8

Quant Time: Oct 09 05:22:54 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	185269	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	174261	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77426	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54615	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.92%
7) Chloroethane-d5	1.68	69	47006	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.70%
11) 1,1-Dichloroethene-d2	2.27	63	80720	29.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.02%#
21) 2-Butanone-d5	4.18	46	127363	108.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.21%
24) Chloroform-d	4.65	84	111972	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
26) 1,2-Dichloroethane-d4	5.31	65	77627	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
32) Benzene-d6	5.34	84	219020	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.33	67	80188	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.74%
41) Toluene-d8	7.57	98	179861	40.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.58%
43) trans-1,3-Dichloropropene-	7.85	79	34648	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
47) 2-Hexanone-d5	8.31	63	89247	103.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110452	49.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	69038	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%

Target Compounds

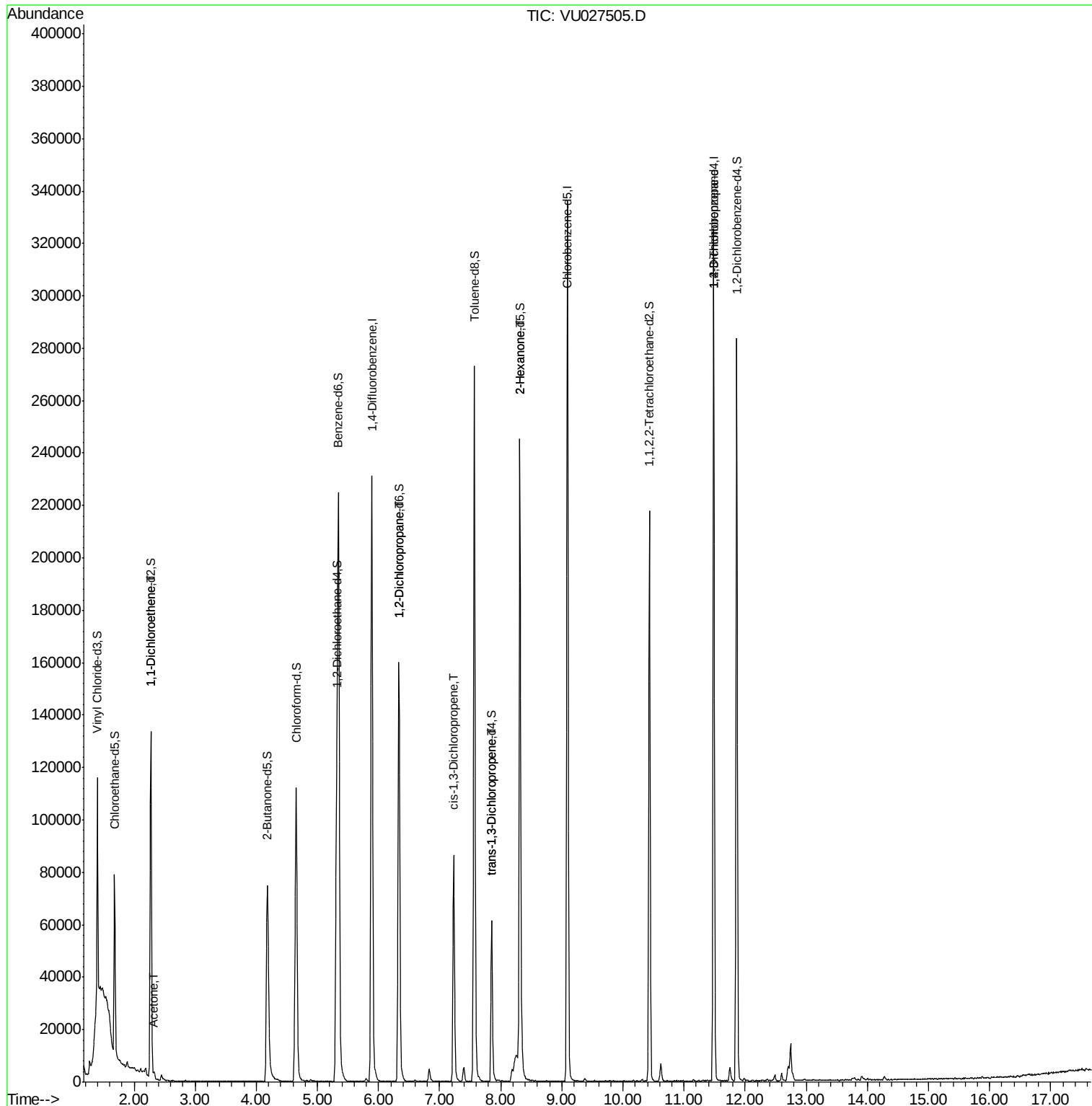
					Qvalue	
12) 1,1-Dichloroethene	2.28	96	676	0.565	ug/L #	1
13) Acetone	2.32	43	2077	2.151	ug/L	88
37) 1,2-Dichloropropane	6.33	63	8627	5.200	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2049	0.840	ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	1494	0.660	ug/L	94
48) 2-Hexanone	8.31	43	11067	5.769	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	10679	5.685	ug/L	90

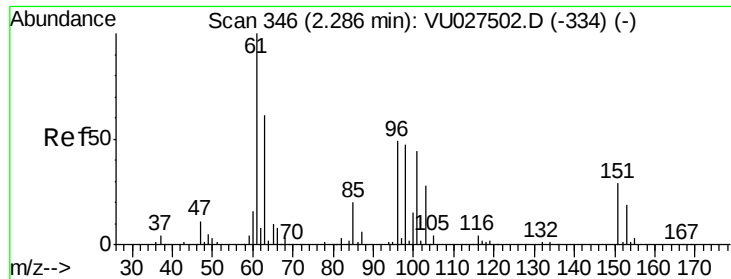
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.565 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027505.D

Acq: 08 Oct 2018 17:38

Instrument :

MSVOA_U

ClientSampled :

E62T8

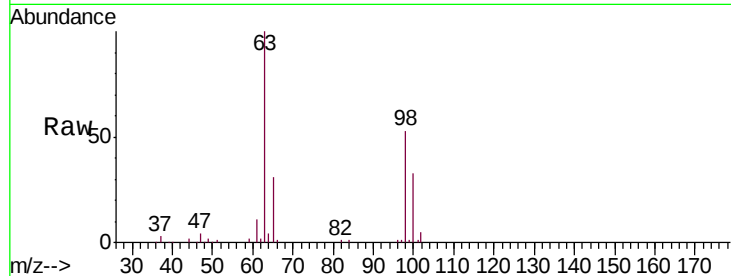
Tgt Ion: 96 Resp: 676

Ion Ratio Lower Upper

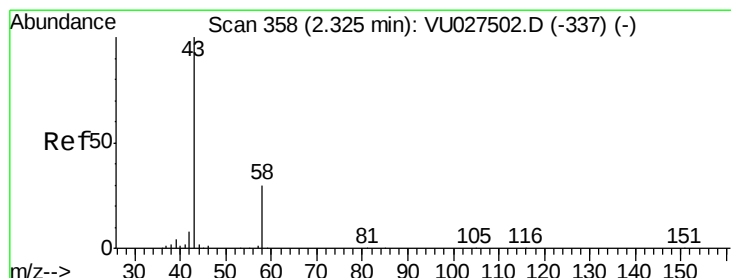
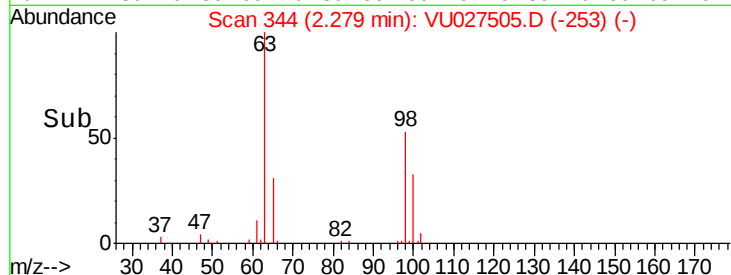
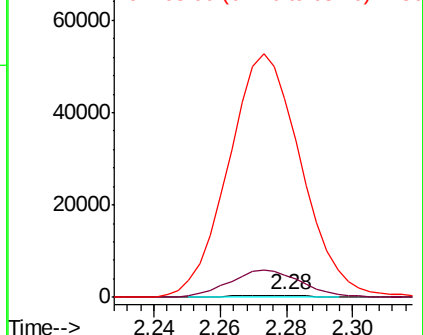
96 100

61 1216.3 135.2 251.0#

63 10622.7 94.3 175.1#



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: 2.151 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027505.D

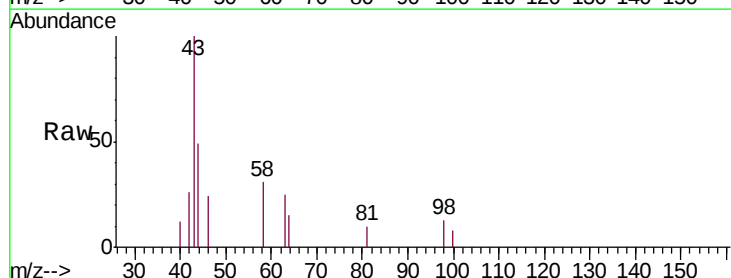
Acq: 08 Oct 2018 17:38

Tgt Ion: 43 Resp: 2077

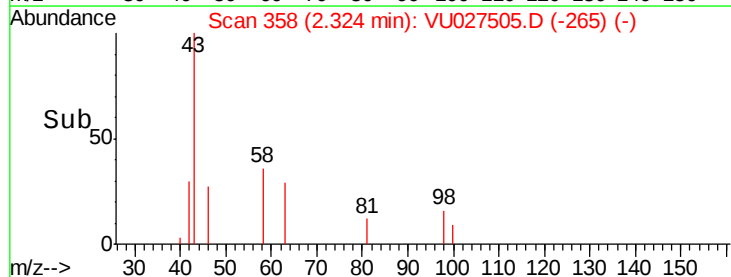
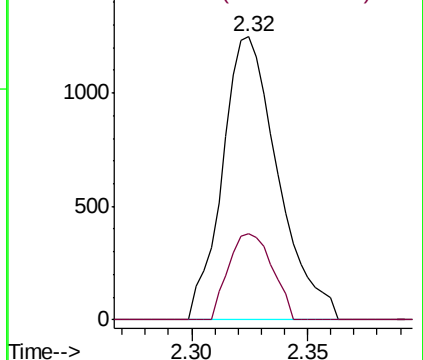
Ion Ratio Lower Upper

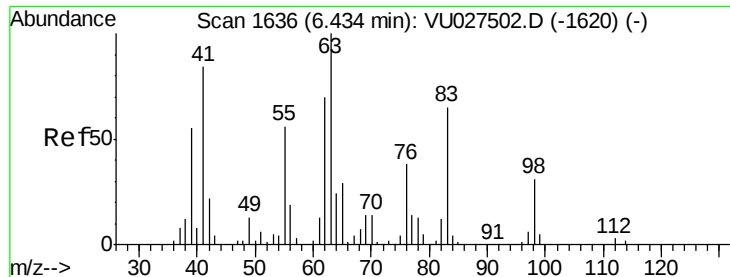
43 100

58 24.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

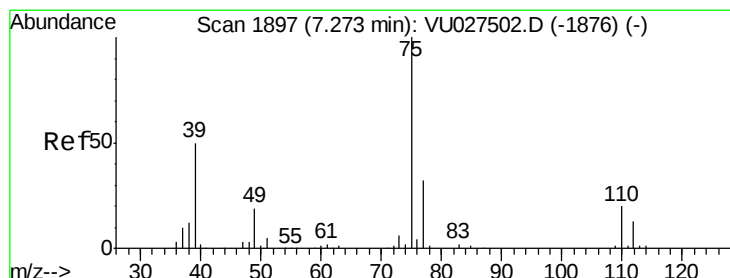
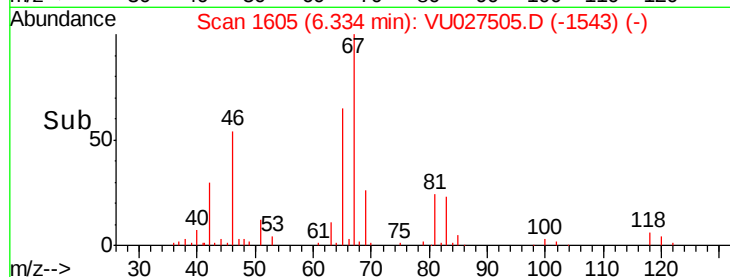
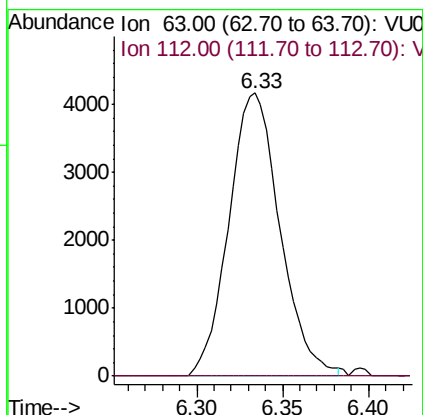
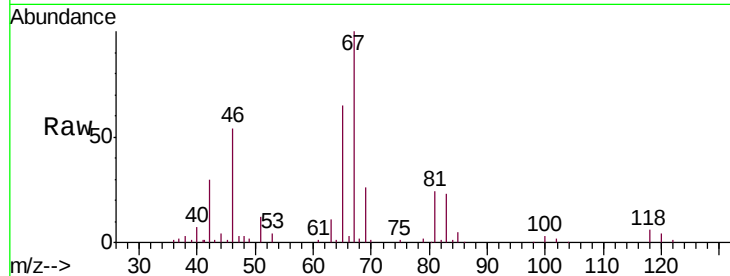




#37
 1,2-Dichloropropane
 Concen: 5.200 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027505.D
 Acq: 08 Oct 2018 17:38

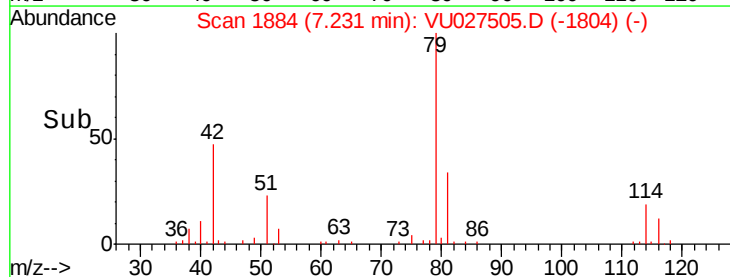
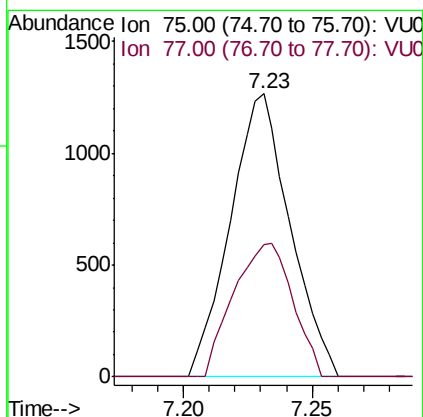
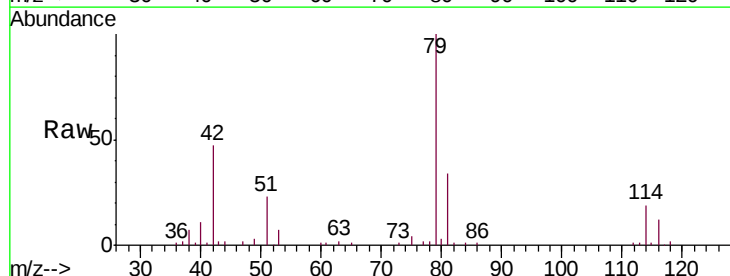
Instrument :
 MSVOA_U
 ClientSampleId :
 E62T8

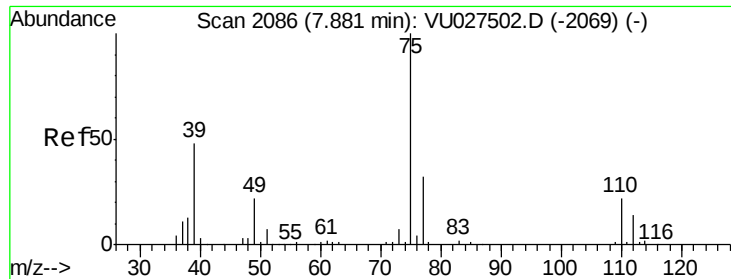
Tgt Ion: 63 Resp: 8627
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.840 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027505.D
 Acq: 08 Oct 2018 17:38

Tgt Ion: 75 Resp: 2049
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.1 41.1#

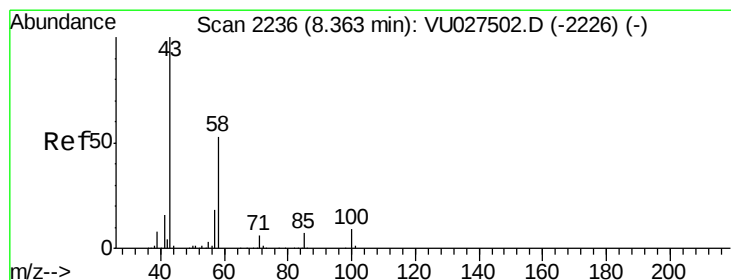
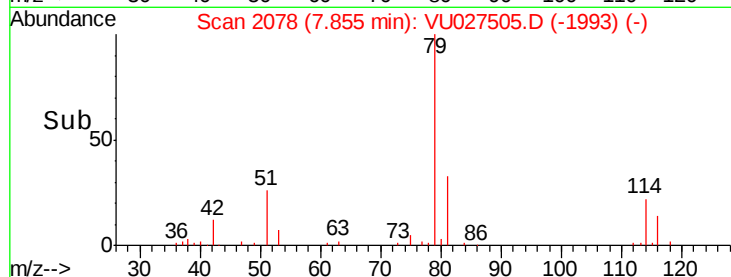
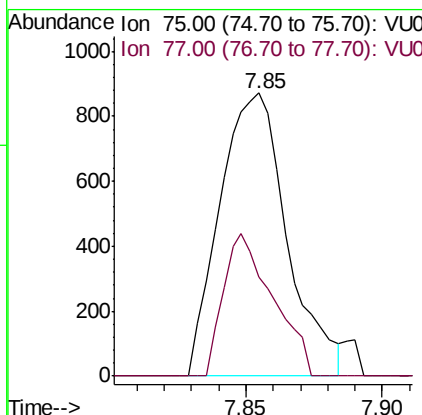
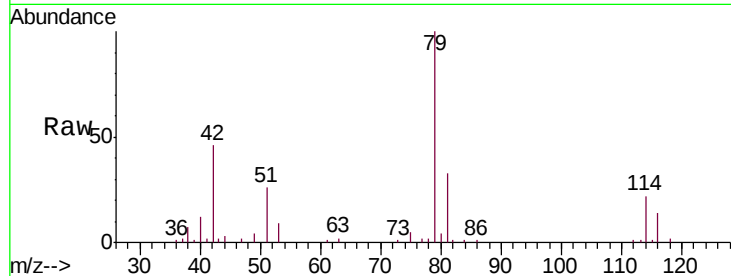




#44
trans-1,3-Dichloropropene
Concen: 0.660 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU027505.D
Acq: 08 Oct 2018 17:38

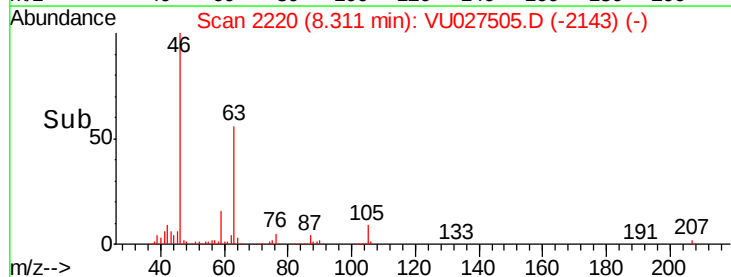
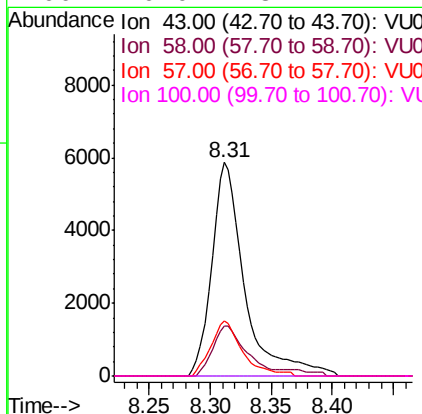
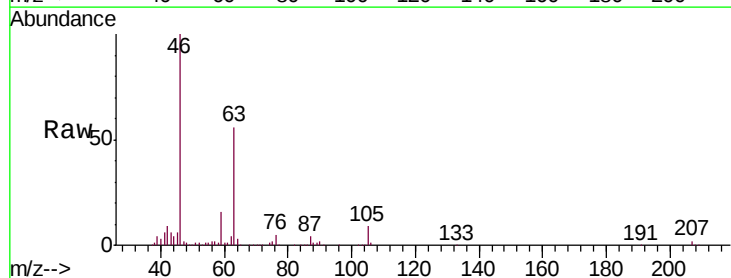
Instrument :
MSVOA_U
ClientSampleId :
E62T8

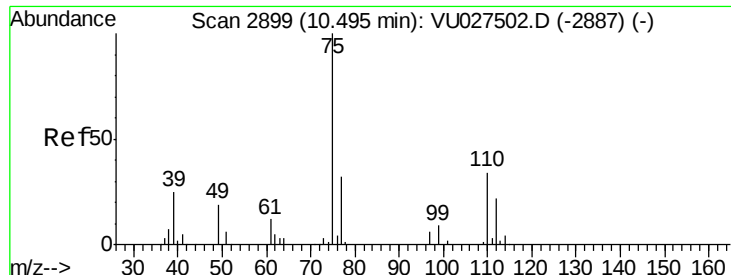
Tgt Ion: 75 Resp: 1494
Ion Ratio Lower Upper
75 100
77 35.2 22.2 41.2



#48
2-Hexanone
Concen: 5.769 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027505.D
Acq: 08 Oct 2018 17:38

Tgt Ion: 43 Resp: 11067
Ion Ratio Lower Upper
43 100
58 24.2 42.7 64.1#
57 24.2 14.5 21.7#
100 0.0 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 5.685 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027505.D

Acq: 08 Oct 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

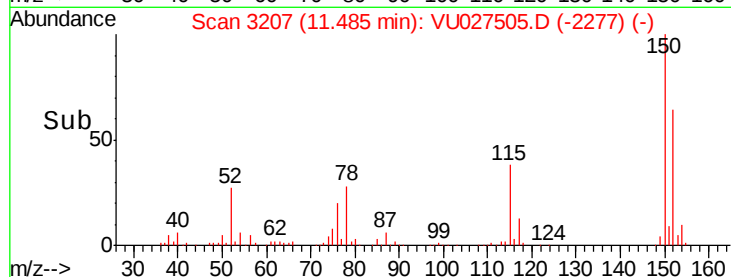
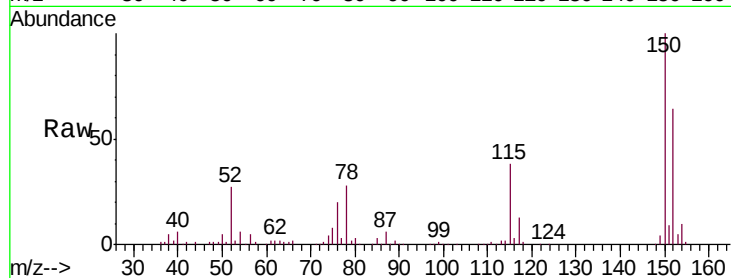
E62T8

Tgt Ion: 75 Resp: 10679

Ion Ratio Lower Upper

75 100

77 37.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

