

Data File : VU027636.D
Acq On : 12 Oct 2018 20:27
Operator : MD/SY
Sample : J5405-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08X5

Quant Time: Oct 13 04:10:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	178393	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	165532	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65321	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53389	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.06%
7) Chloroethane-d5	1.68	69	45247	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.68%
11) 1,1-Dichloroethene-d2	2.27	63	76227	28.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.88%#
21) 2-Butanone-d5	4.18	46	107195	94.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.58%
24) Chloroform-d	4.65	84	101768	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.31	65	70234	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
32) Benzene-d6	5.34	84	200763	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
36) 1,2-Dichloropropane-d6	6.33	67	73012	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.86%
41) Toluene-d8	7.57	98	162046	38.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.42%#
43) trans-1,3-Dichloropropene-	7.85	79	29740	37.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.96%
47) 2-Hexanone-d5	8.31	63	71964	87.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95030	44.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	56790	44.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.88%

Target Compounds

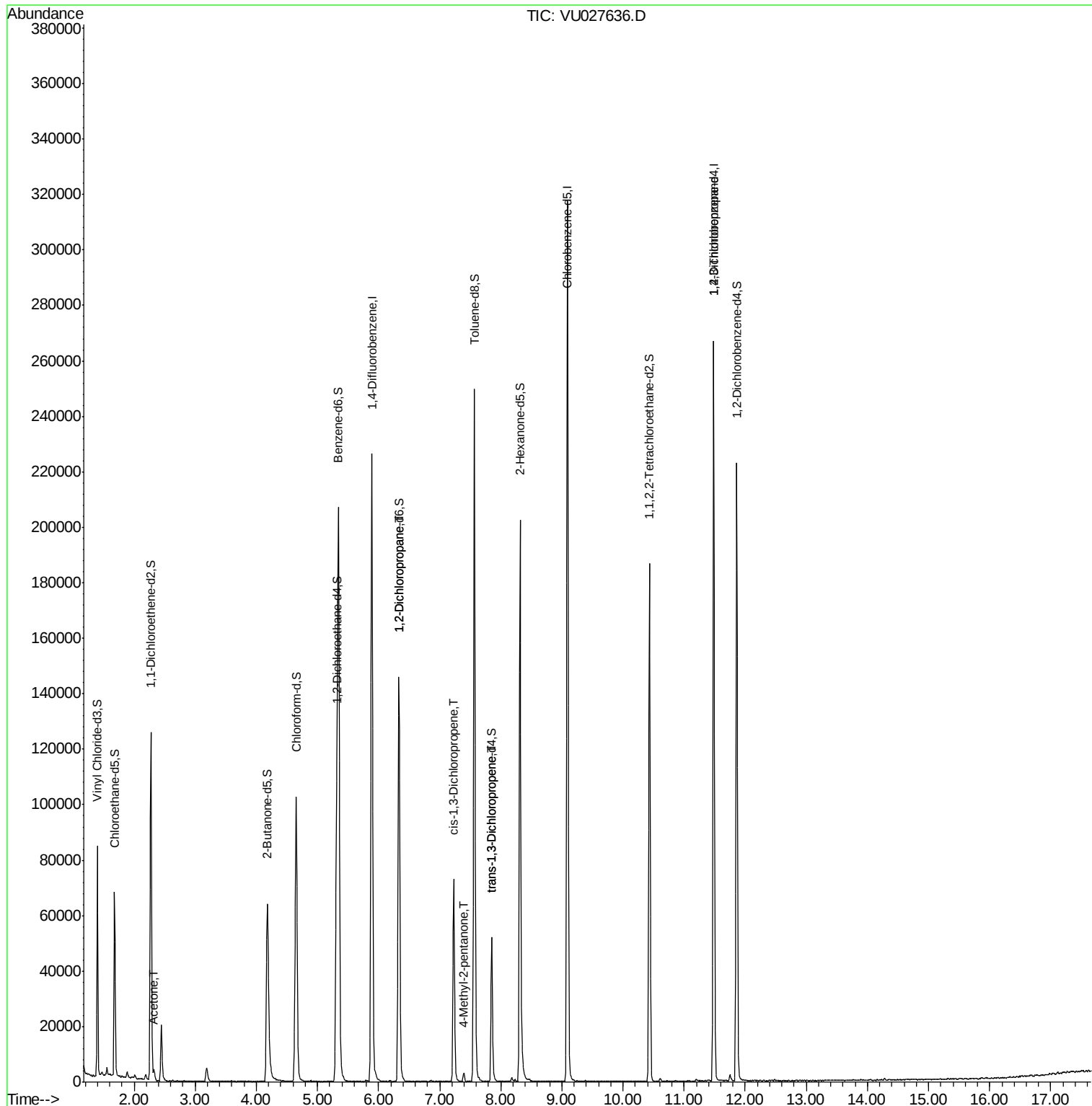
						Qvalue
13) Acetone	2.32	43	3264	3.511	ug/L	94
37) 1,2-Dichloropropane	6.33	63	7749	4.917	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1658	0.716	ug/L	84
40) 4-Methyl-2-pentanone	7.39	43	1858	0.805	ug/L #	44
44) trans-1,3-Dichloropropene	7.85	75	1316	0.612	ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	9010	5.050	ug/L #	87

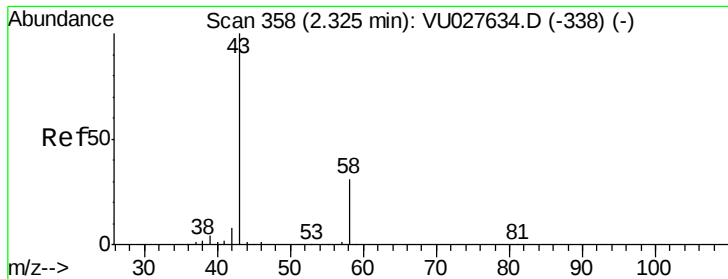
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.511 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

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Acq: 12 Oct 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

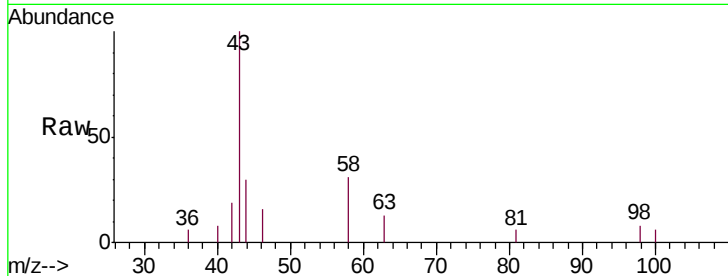
C08X5

Tgt Ion: 43 Resp: 3264

Ion Ratio Lower Upper

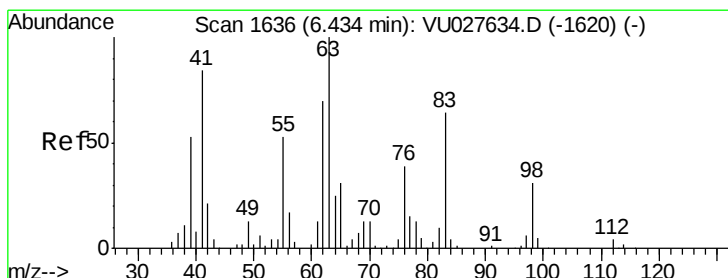
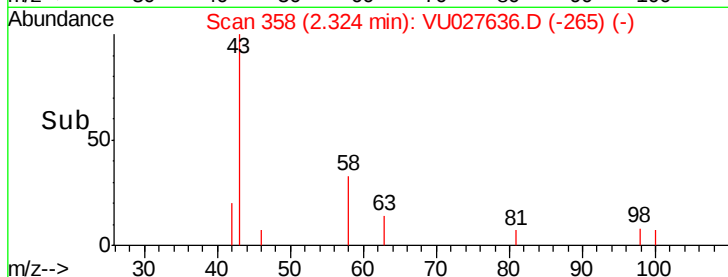
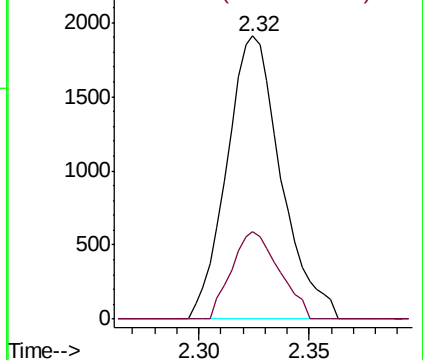
43 100

58 27.1 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: 4.917 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU027636.D

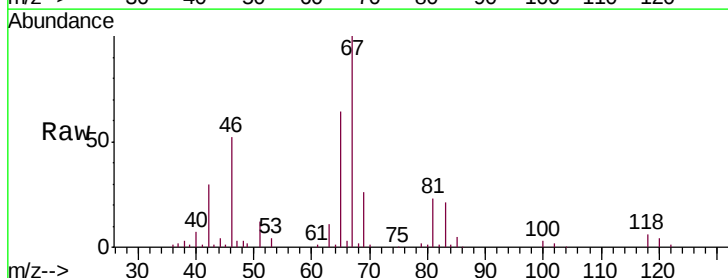
Acq: 12 Oct 2018 20:27

Tgt Ion: 63 Resp: 7749

Ion Ratio Lower Upper

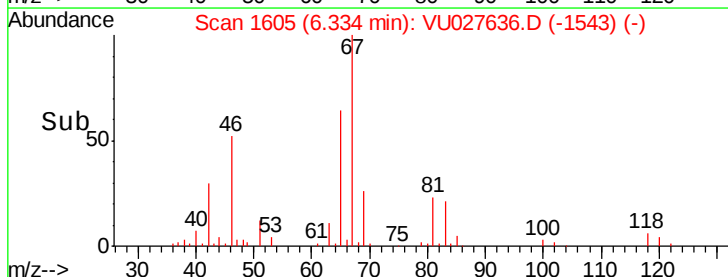
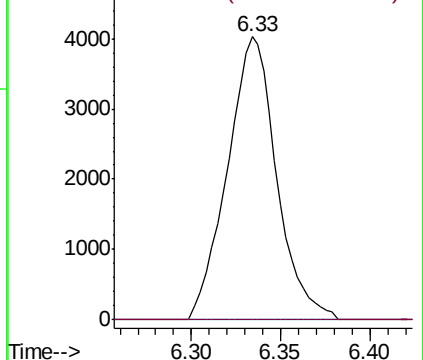
63 100

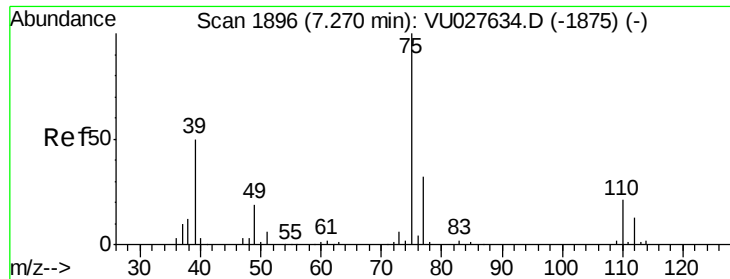
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

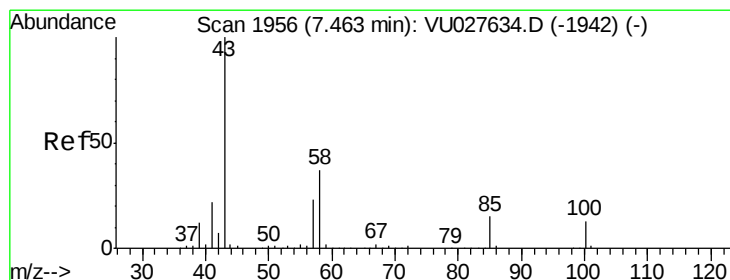
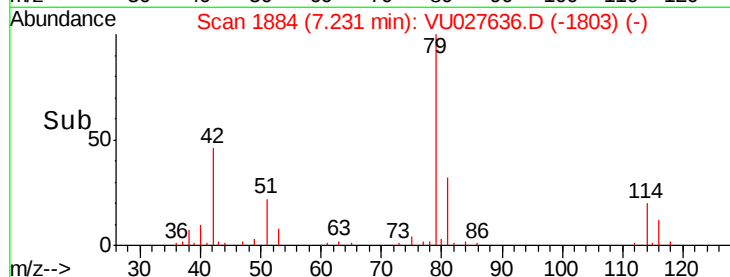
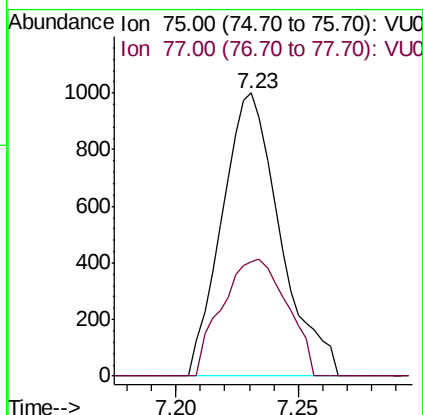
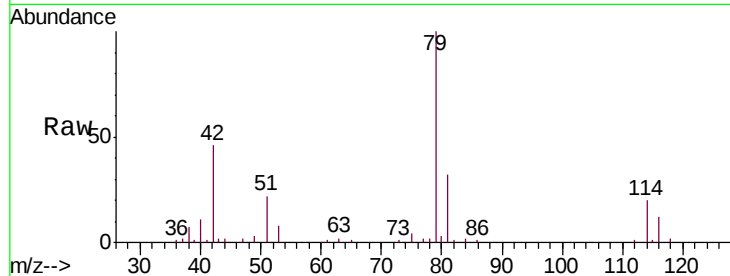




#39
 cis-1,3-Dichloropropene
 Concen: 0.716 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027636.D
 Acq: 12 Oct 2018 20:27

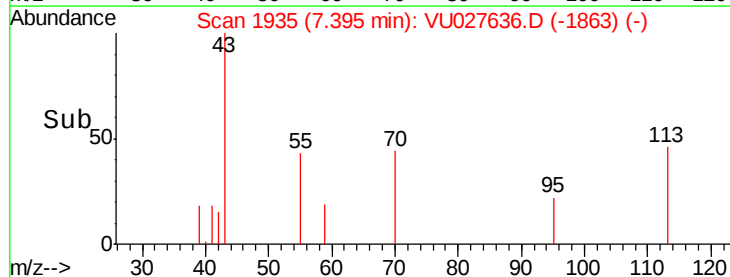
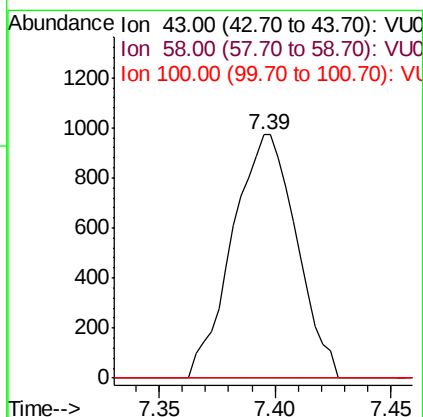
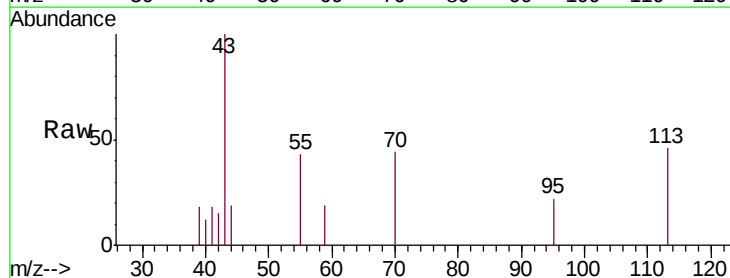
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 MSVOA_U
 ClientSampled :
 C08X5

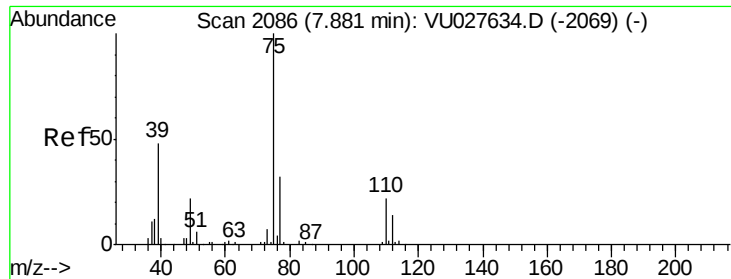
Tgt Ion: 75 Resp: 1658
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 0.805 ug/L
 RT: 7.39 min Scan# 1935
 Delta R.T. -0.07 min
 Lab File: VU027636.D
 Acq: 12 Oct 2018 20:27

Tgt Ion: 43 Resp: 1858
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.7 46.1#
 100 0.0 10.2 15.4#





#44

trans-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 7.85 min Scan# 2078

Delta R.T. -0.03 min

Lab File: VU027636.D

Acq: 12 Oct 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

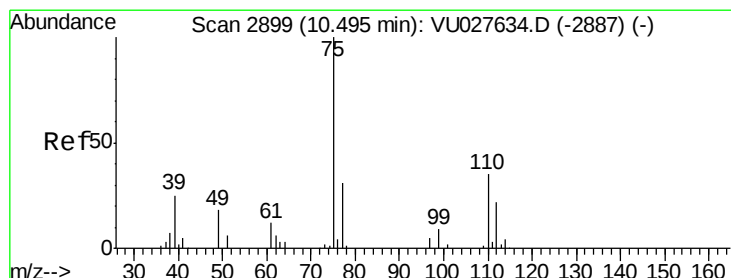
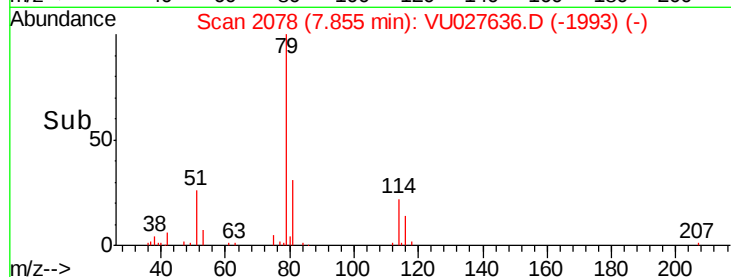
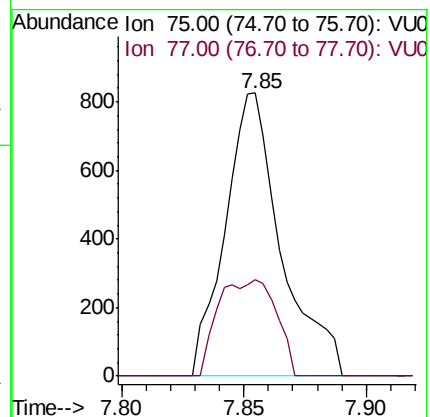
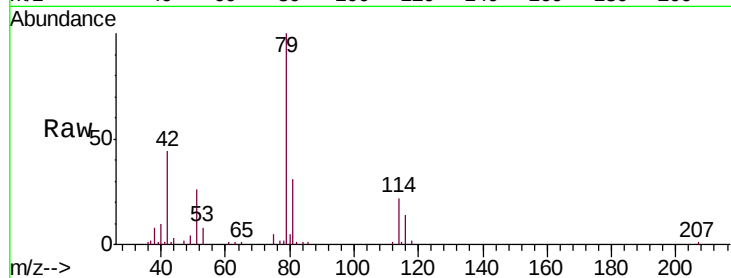
C08X5

Tgt Ion: 75 Resp: 1316

Ion Ratio Lower Upper

75 100

77 34.3 22.2 41.2



#59

1,2,3-Trichloropropane

Concen: 5.050 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027636.D

Acq: 12 Oct 2018 20:27

Tgt Ion: 75 Resp: 9010

Ion Ratio Lower Upper

75 100

77 39.1 25.7 38.5#

