

Data File : VU027808.D
Acq On : 25 Oct 2018 16:43
Operator : MD/SY
Sample : J5635-22ME 10X
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40F8ME

Quant Time: Oct 26 02:30:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 02:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	93565	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	88131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25240	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.34%
7) Chloroethane-d5	1.67	69	19487	34.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.54%#
11) 1,1-Dichloroethene-d2	2.27	63	37517	28.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.22%#
21) 2-Butanone-d5	4.18	46	47162	76.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.02%
24) Chloroform-d	4.65	84	50528	38.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.22%
26) 1,2-Dichloroethane-d4	5.31	65	38444	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
32) Benzene-d6	5.34	84	94086	37.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.98%
36) 1,2-Dichloropropane-d6	6.33	67	34398	38.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.78%
41) Toluene-d8	7.57	98	86522	37.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.74%#
43) trans-1,3-Dichloropropene-	7.85	79	15441	35.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.96%
47) 2-Hexanone-d5	8.31	63	34440	75.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46043	39.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	34629	39.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.24%#

Target Compounds

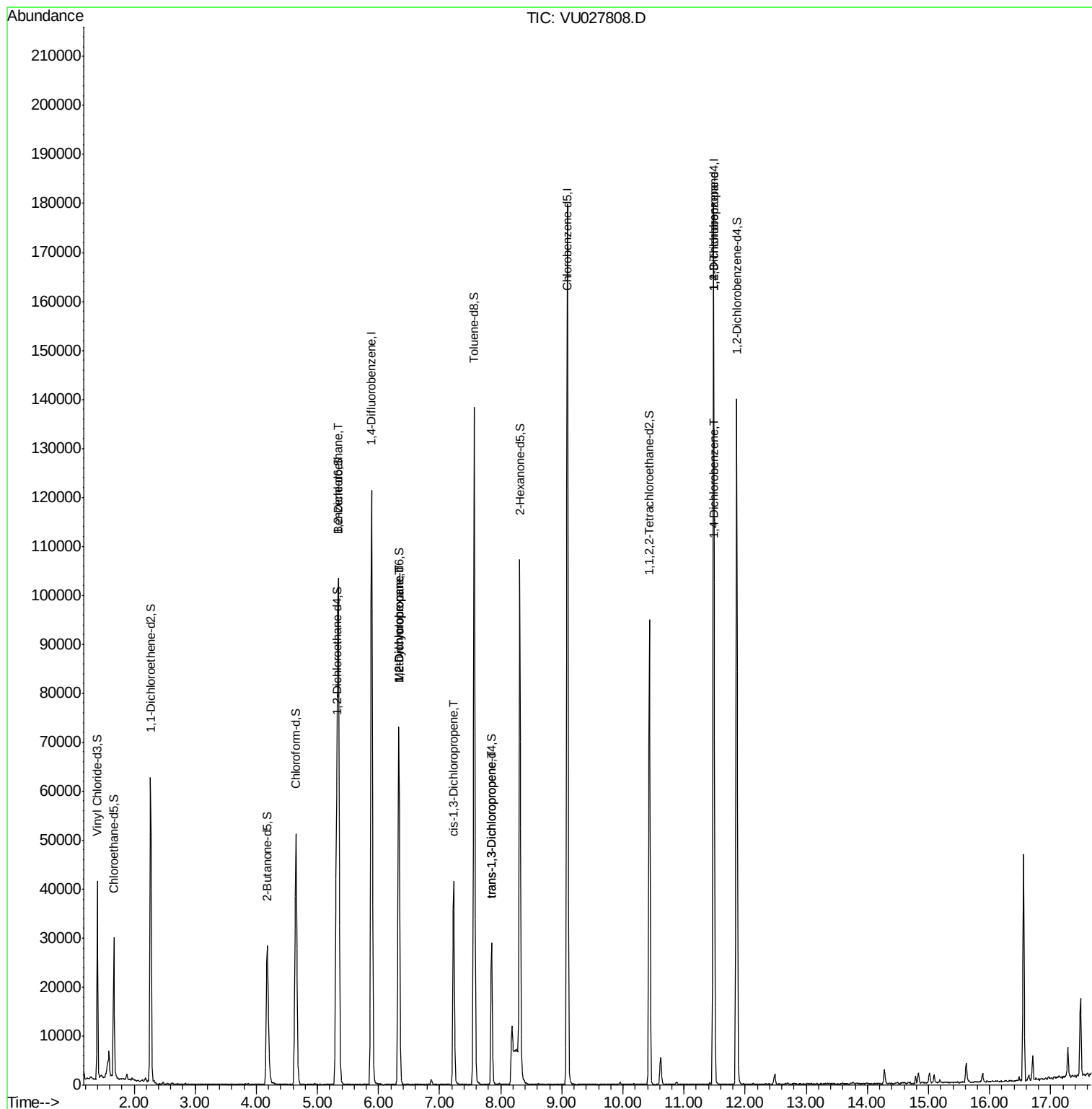
					Qvalue
27) 1,2-Dichloroethane	5.34	62	556	0.528 ug/L #	78
35) Methylcyclohexane	6.33	83	7442	6.556 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4064	5.246 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1046	0.877 ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	716	0.635 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	6115	6.679 ug/L	91
63) 1,4-Dichlorobenzene	11.50	146	803	0.608 ug/L #	83

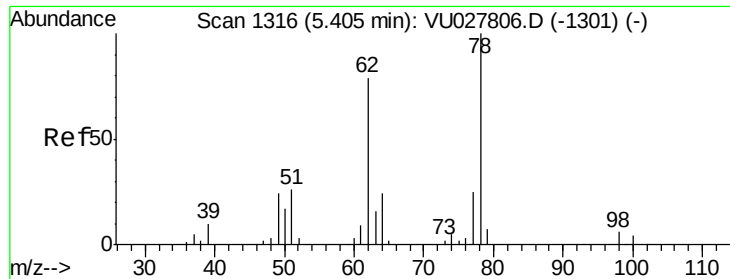
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027808.D
Acq On : 25 Oct 2018 16:43
Operator : MD/SY
Sample : J5635-22ME 10X
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40F8ME

Quant Time: Oct 26 02:30:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 02:27:34 2018
Response via : Initial Calibration

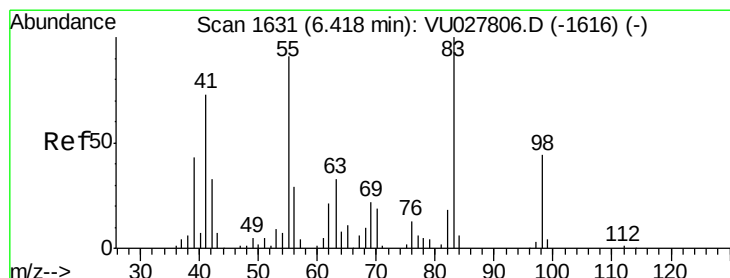
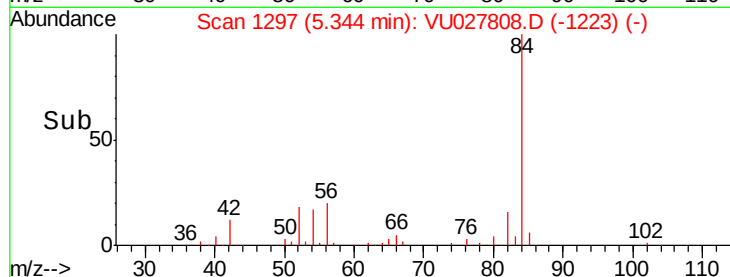
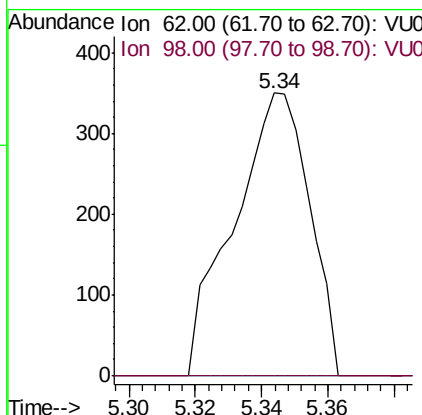
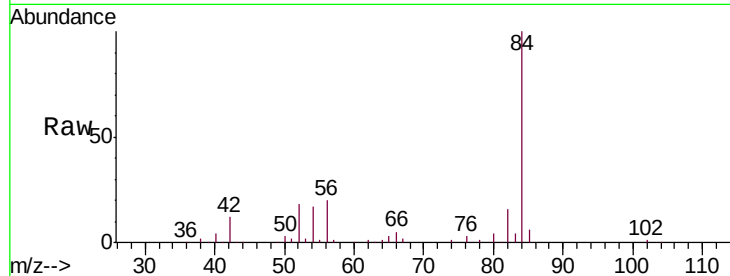




#27
 1,2-Dichloroethane
 Concen: 0.528 ug/L
 RT: 5.34 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: VU027808.D
 Acq: 25 Oct 2018 16:43

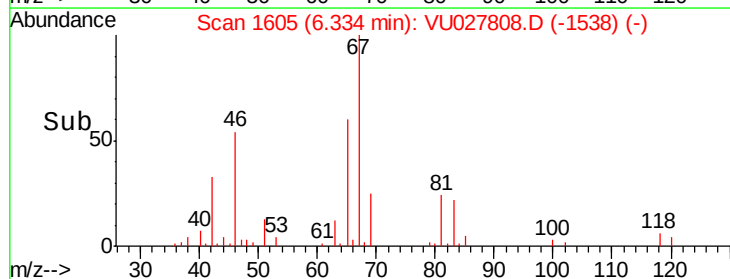
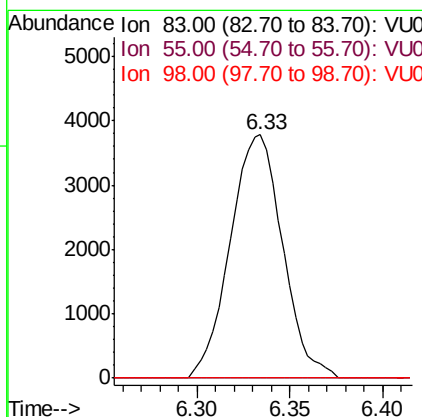
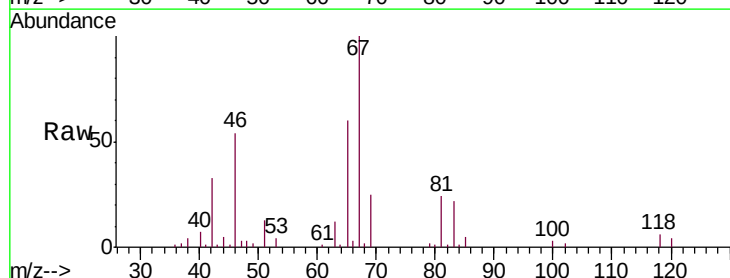
Instrument :
 MSVOA_U
 ClientSampleId :
 A40F8ME

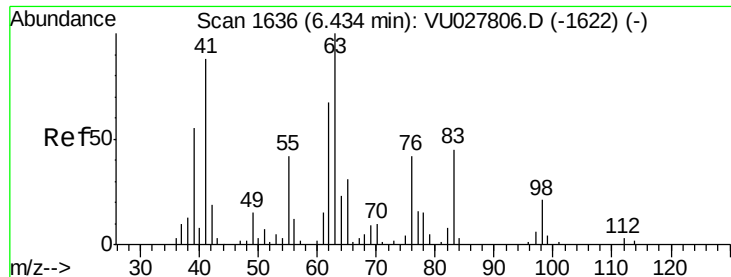
Tgt Ion: 62 Resp: 556
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 6.556 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU027808.D
 Acq: 25 Oct 2018 16:43

Tgt Ion: 83 Resp: 7442
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.9 107.9#
 98 0.0 34.6 52.0#

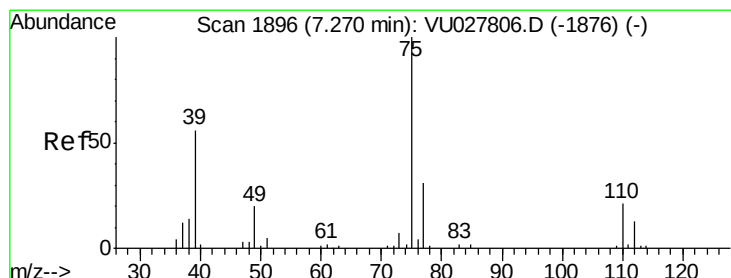
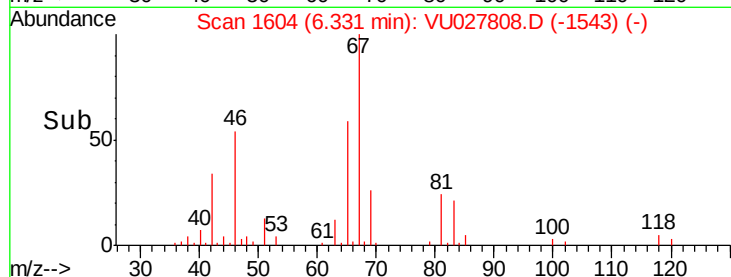
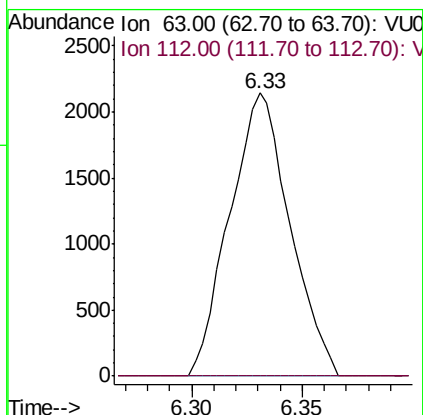
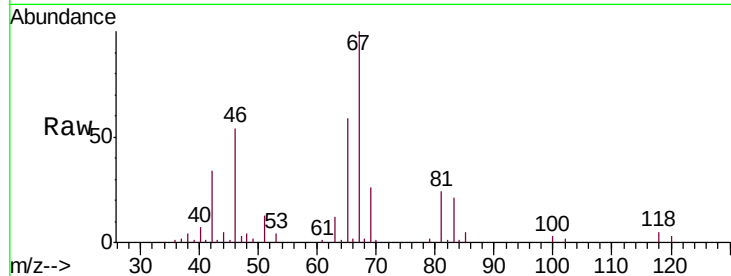




#37
 1,2-Dichloropropane
 Concen: 5.246 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027808.D
 Acq: 25 Oct 2018 16:43

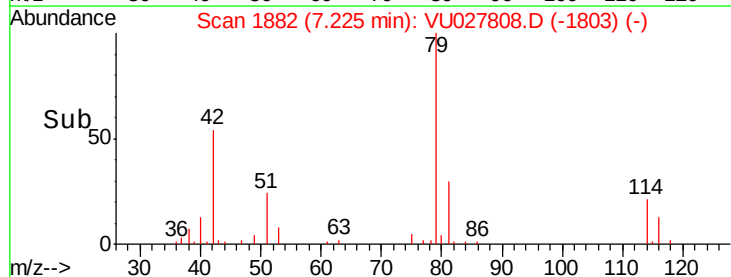
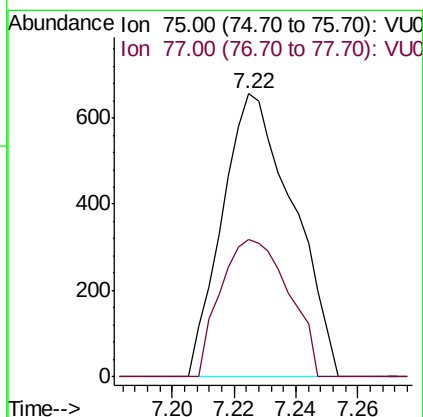
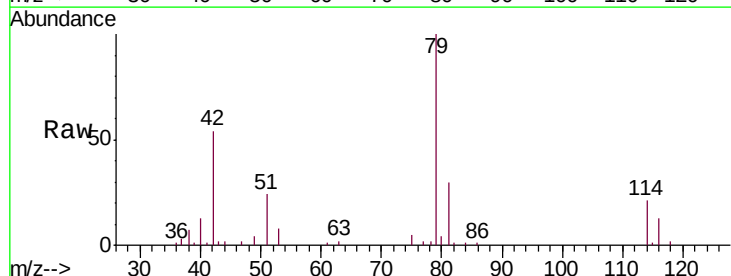
Instrument :
 MSVOA_U
 ClientSampleId :
 A40F8ME

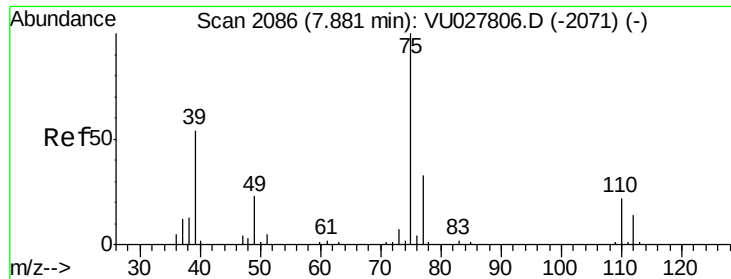
Tgt Ion: 63 Resp: 4064
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.877 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.05 min
 Lab File: VU027808.D
 Acq: 25 Oct 2018 16:43

Tgt Ion: 75 Resp: 1046
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.635 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027808.D

Acq: 25 Oct 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

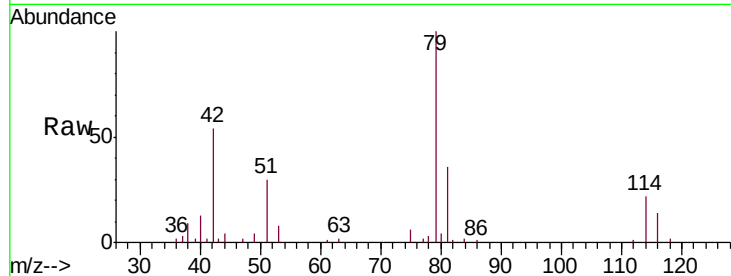
A40F8ME

Tgt Ion: 75 Resp: 716

Ion Ratio Lower Upper

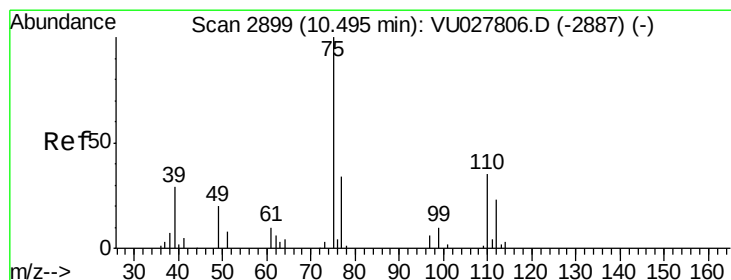
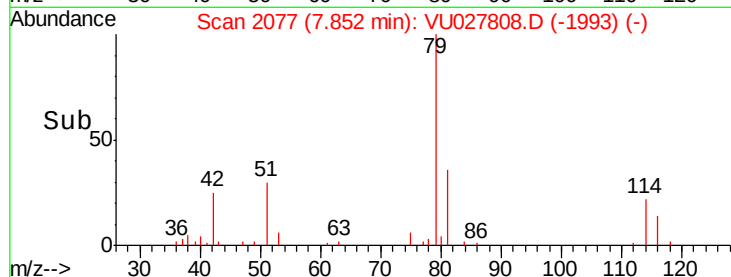
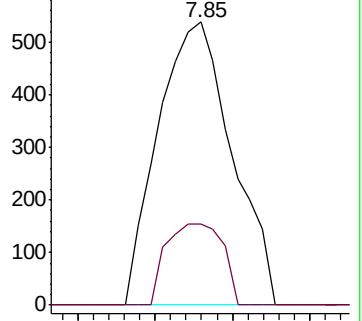
75 100

77 28.8 22.8 42.4



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: 6.679 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027808.D

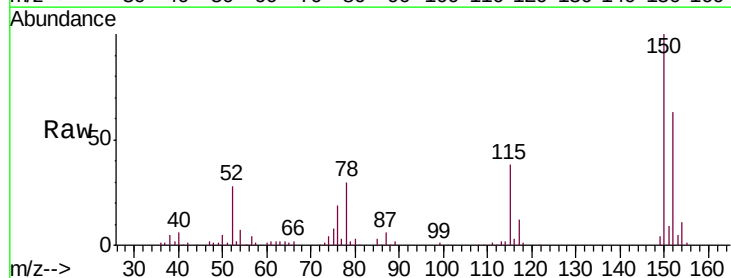
Acq: 25 Oct 2018 16:43

Tgt Ion: 75 Resp: 6115

Ion Ratio Lower Upper

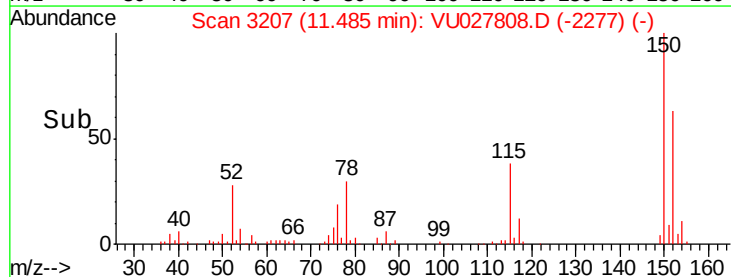
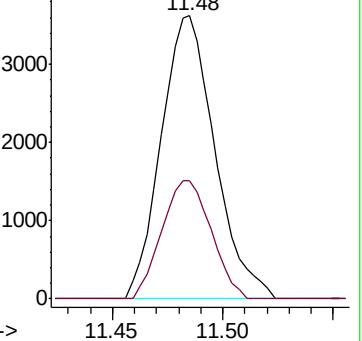
75 100

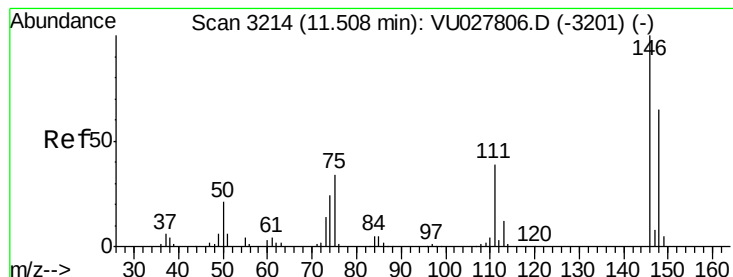
77 38.4 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#63

1,4-Dichlorobenzene

Concen: 0.608 ug/L

RT: 11.50 min Scan# 3213

Delta R.T. -0.00 min

Lab File: VU027808.D

Acq: 25 Oct 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

A40F8ME

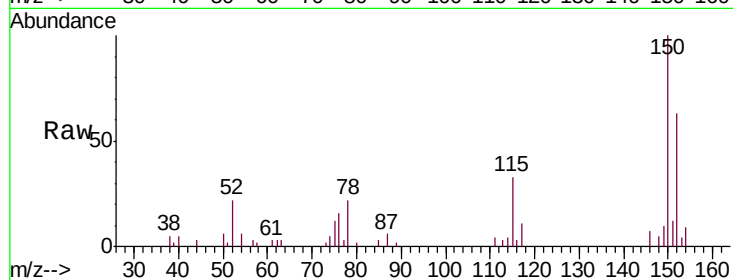
Tgt Ion:146 Resp: 803

Ion Ratio Lower Upper

146 100

111 55.1 27.5 51.1#

148 72.3 44.1 81.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

