

Data File : VU027829.D
Acq On : 26 Oct 2018 13:32
Operator : MD/SY
Sample : J5668-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBP9

Quant Time: Oct 27 01:46:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	114704	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	108597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	52480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34475	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.26%
7) Chloroethane-d5	1.68	69	25311	36.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.68%
11) 1,1-Dichloroethene-d2	2.27	63	46292	28.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.60%#
21) 2-Butanone-d5	4.18	46	73118	96.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	4.65	84	65150	40.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.22%
26) 1,2-Dichloroethane-d4	5.31	65	47306	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
32) Benzene-d6	5.34	84	122252	39.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.06%
36) 1,2-Dichloropropane-d6	6.33	67	45221	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.90%
41) Toluene-d8	7.57	98	112637	39.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.96%#
43) trans-1,3-Dichloropropene-	7.85	79	20591	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
47) 2-Hexanone-d5	8.31	63	52259	92.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61162	42.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	44921	41.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.58%

Target Compounds

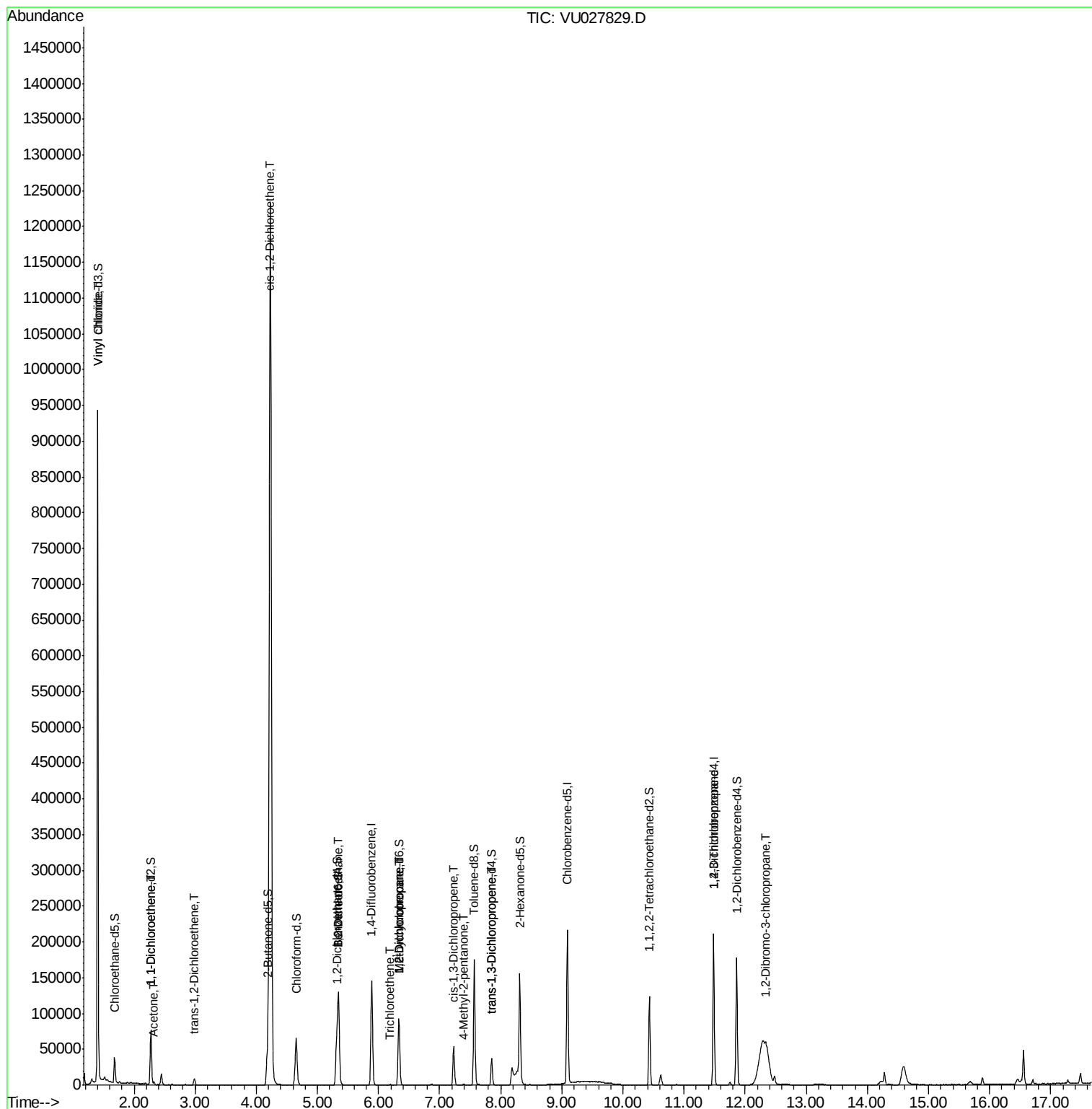
					Qvalue
5) Vinyl chloride	1.41	62	550176	531.148 ug/L	100
12) 1,1-Dichloroethene	2.29	96	1085	1.698 ug/L #	1
13) Acetone	2.32	43	4297	8.111 ug/L	93
17) trans-1,2-Dichloroethene	2.99	96	3001	4.245 ug/L	89
20) cis-1,2-Dichloroethene	4.23	96	647581	774.232 ug/L	99
27) 1,2-Dichloroethane	5.34	62	696	0.539 ug/L #	78
34) Trichloroethene	6.19	95	387	0.479 ug/L	89
35) Methylcyclohexane	6.33	83	9842	7.036 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4692	4.915 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1208	0.822 ug/L #	50
40) 4-Methyl-2-pentanone	7.39	43	837	0.546 ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	814	0.585 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	6764	5.996 ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.33	75	1625	4.818 ug/L #	34

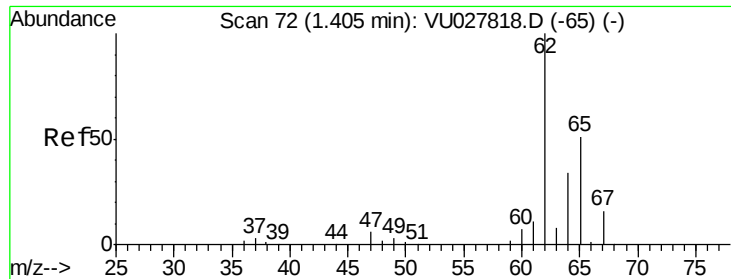
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 531.148 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

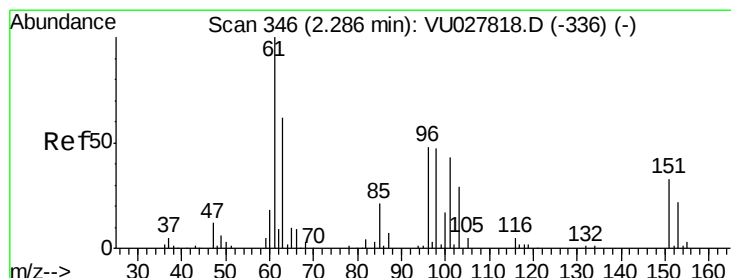
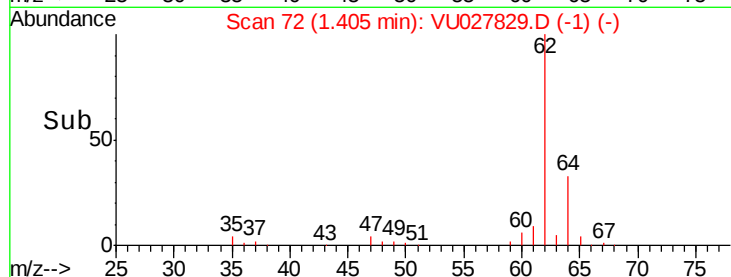
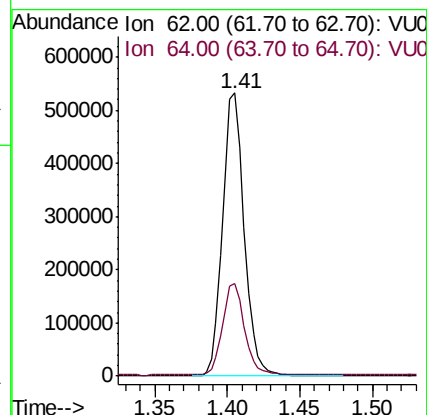
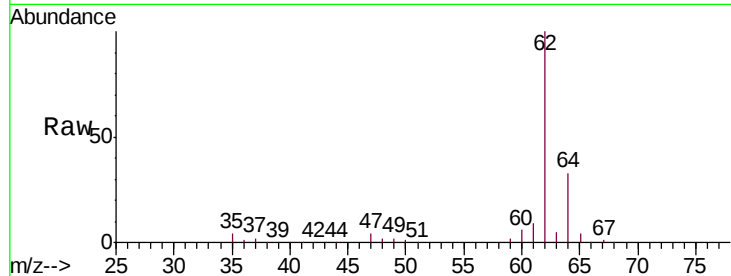
ETBP9

Tgt Ion: 62 Resp: 550176

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.8



#12

1,1-Dichloroethene

Concen: 1.698 ug/L

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

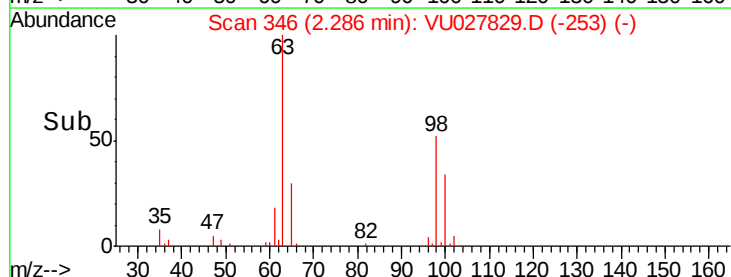
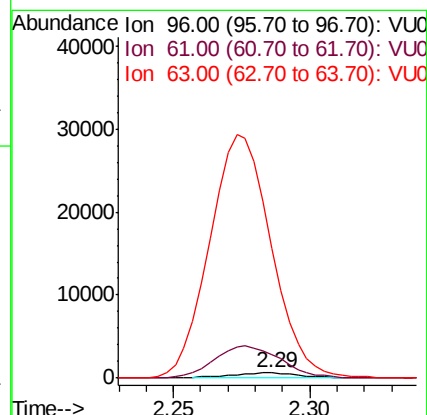
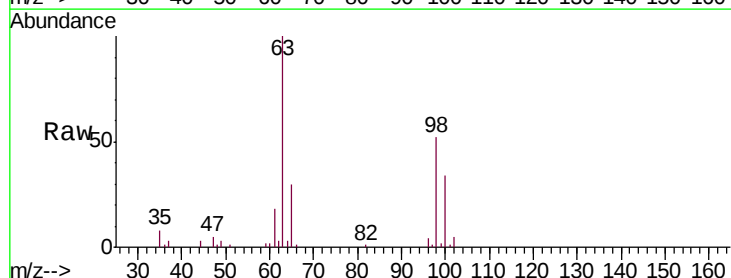
Tgt Ion: 96 Resp: 1085

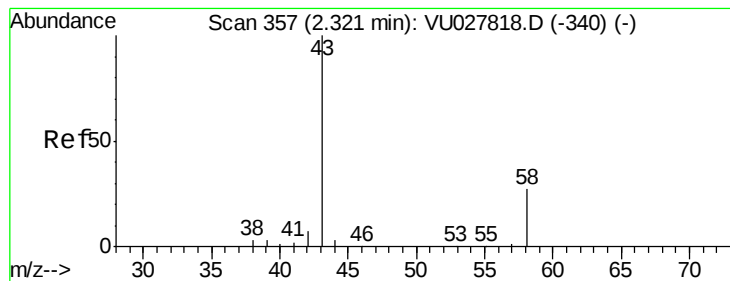
Ion Ratio Lower Upper

96 100

61 459.4 137.3 255.1#

63 2519.0 109.8 204.0#





#13

Acetone

Concen: 8.111 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

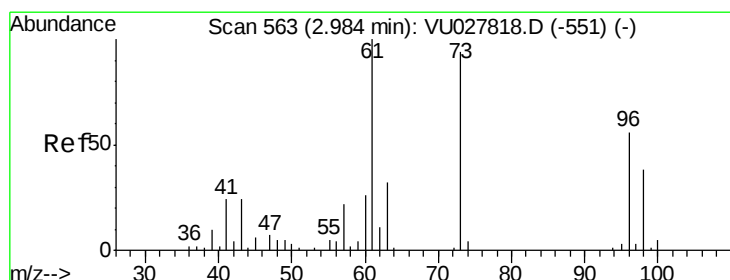
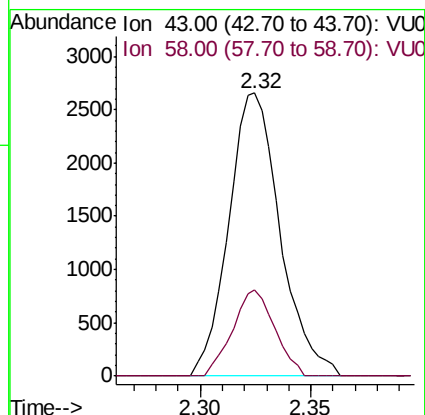
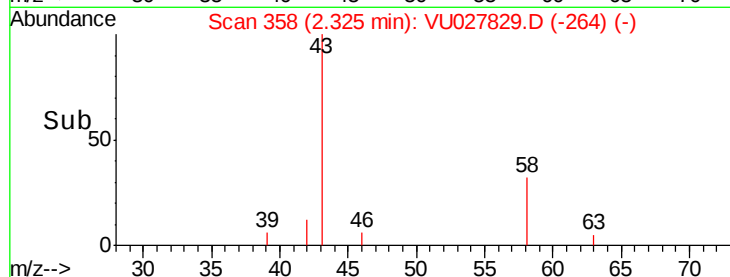
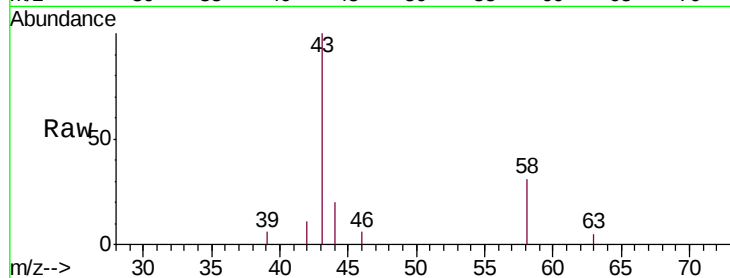
ETBP9

Tgt Ion: 43 Resp: 4297

Ion Ratio Lower Upper

43 100

58 24.8 0.0 57.4



#17

trans-1,2-Dichloroethene

Concen: 4.245 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

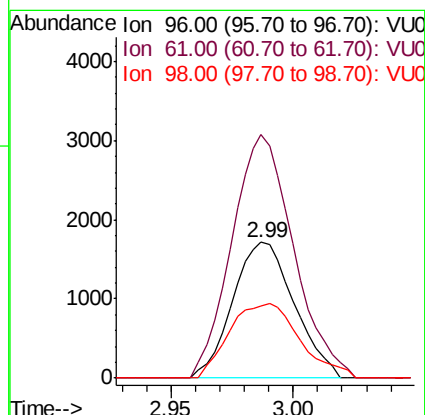
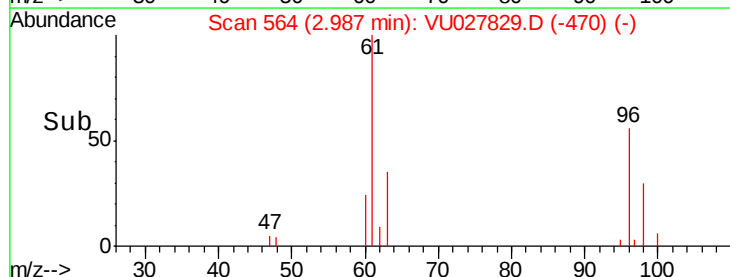
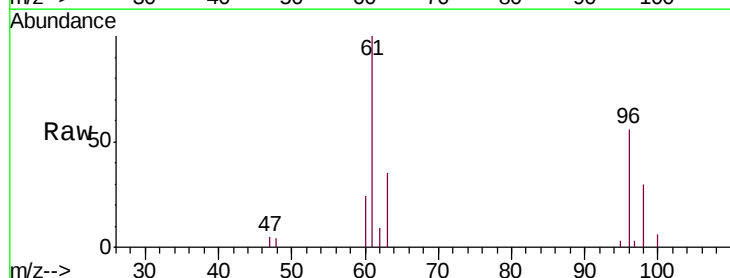
Tgt Ion: 96 Resp: 3001

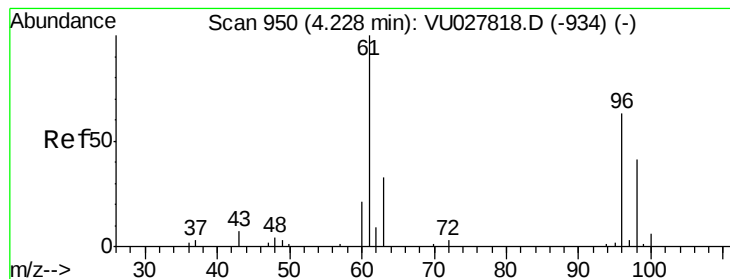
Ion Ratio Lower Upper

96 100

61 179.6 114.7 212.9

98 53.3 42.2 78.4



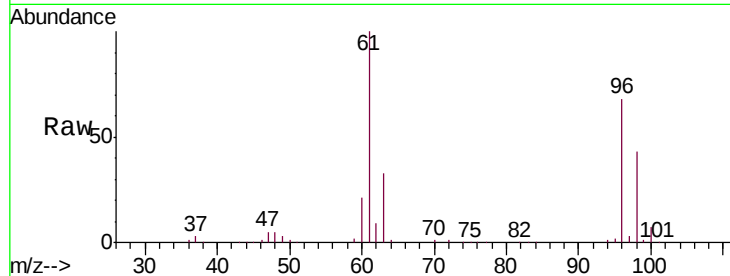


#20

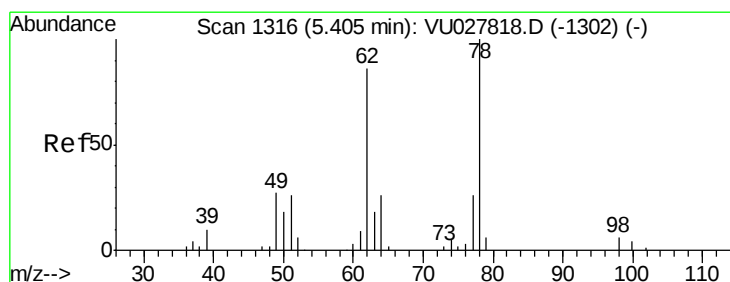
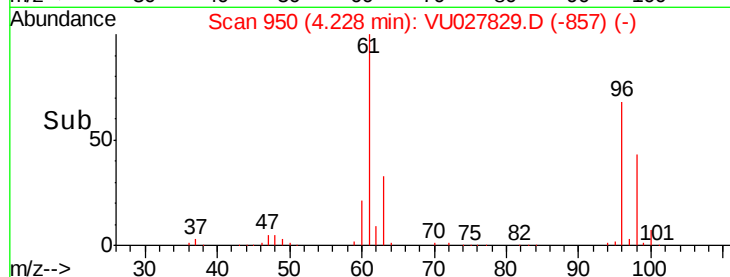
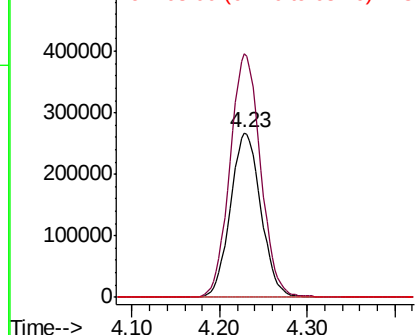
cis-1,2-Dichloroethene
 Concen: 774.232 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

Instrument :
 MSVOA_U
 ClientSampled :
 ETBP9

Tgt Ion: 96 Resp: 647581
 Ion Ratio Lower Upper
 96 100
 61 148.0 104.2 193.4
 68 0.0 0.0 0.0



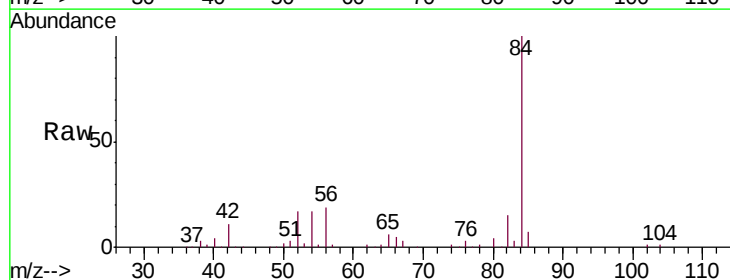
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



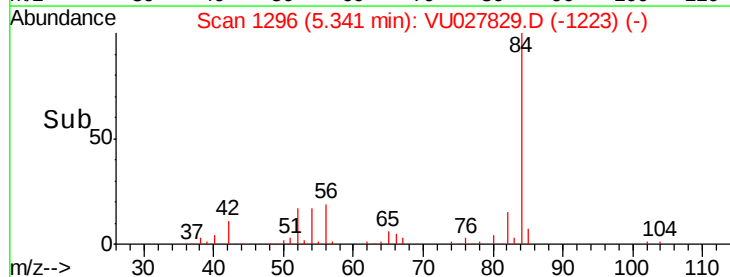
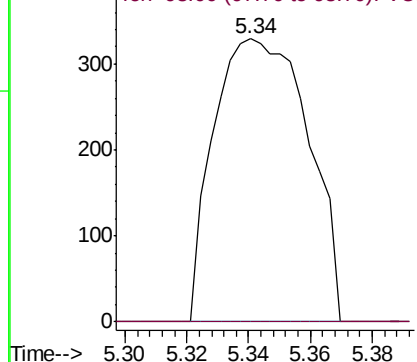
#27

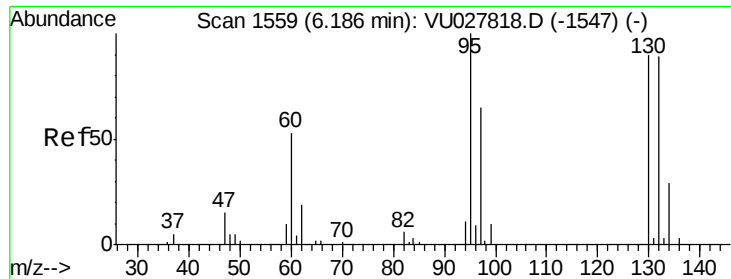
1,2-Dichloroethane
 Concen: 0.539 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

Tgt Ion: 62 Resp: 696
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

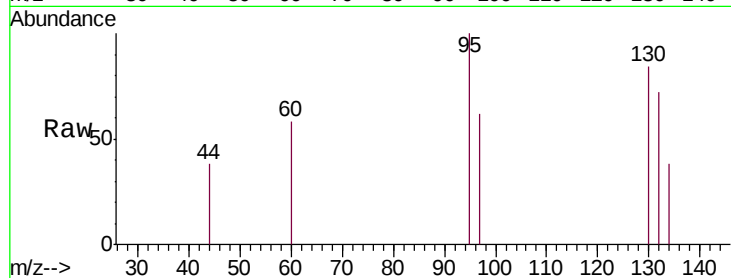




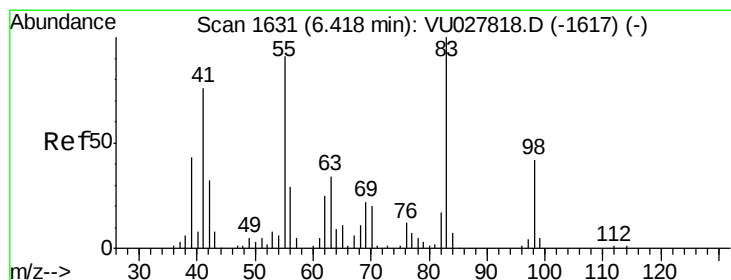
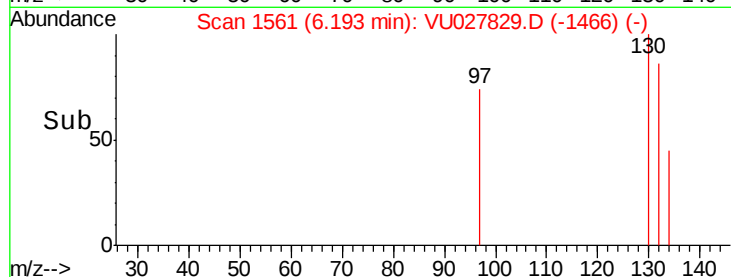
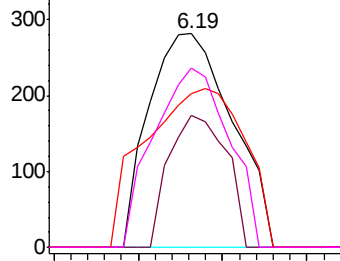
#34
 Trichloroethene
 Concen: 0.479 ug/L
 RT: 6.19 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBP9

Tgt Ion: 95 Resp: 387
 Ion Ratio Lower Upper
 95 100
 97 61.9 45.8 85.2
 132 71.9 62.1 115.3
 130 84.0 65.0 120.6

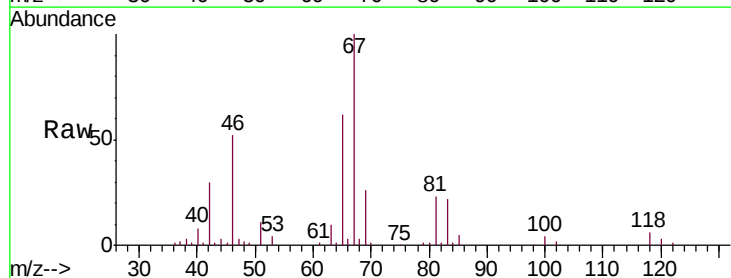


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

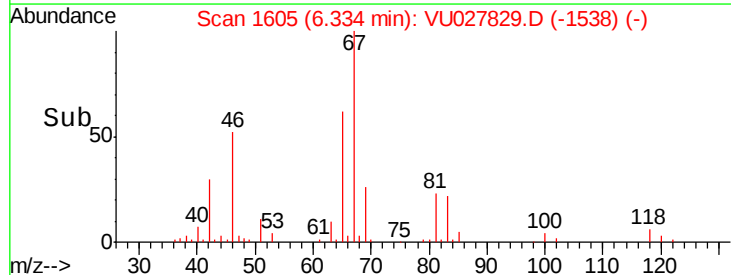
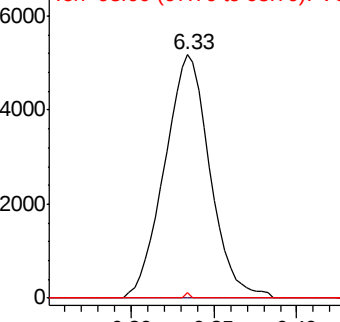


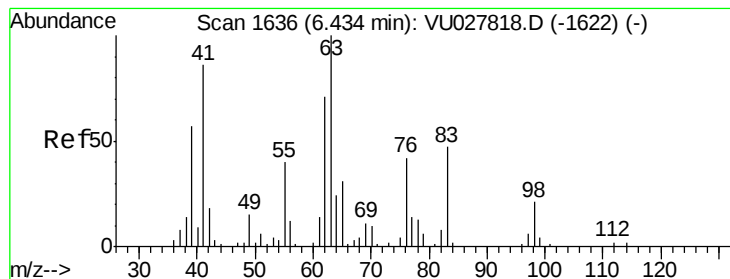
#35
 Methylcyclohexane
 Concen: 7.036 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

Tgt Ion: 83 Resp: 9842
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.9 107.9#
 98 0.0 34.6 52.0#



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: 4.915 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_U

ClientSampled :

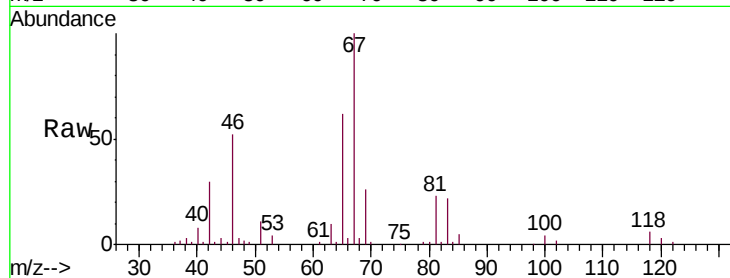
ETBP9

Tgt Ion: 63 Resp: 4692

Ion Ratio Lower Upper

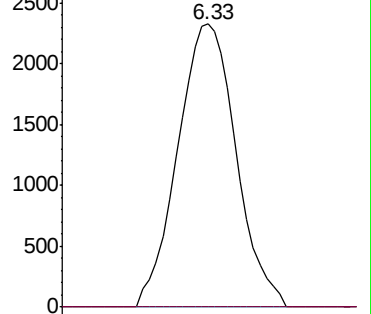
63 100

112 0.0 2.6 3.8#

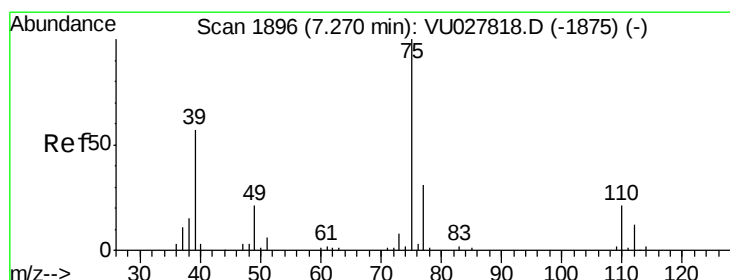
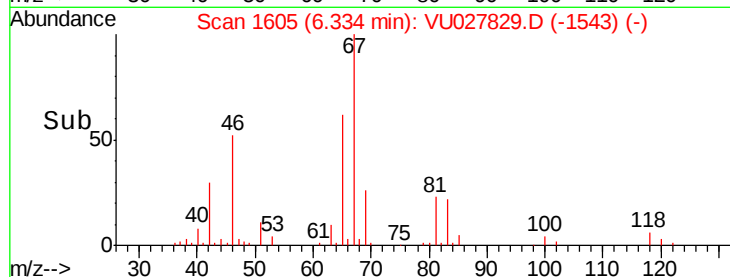


Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.822 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU027829.D

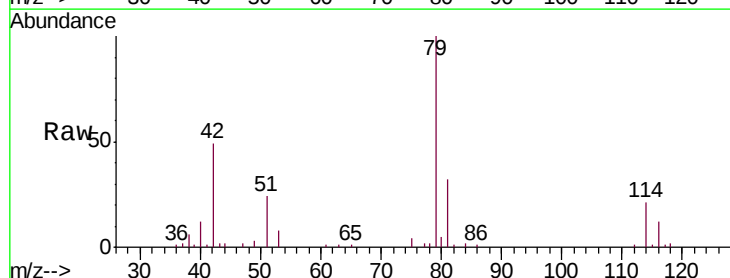
Acq: 26 Oct 2018 13:32

Tgt Ion: 75 Resp: 1208

Ion Ratio Lower Upper

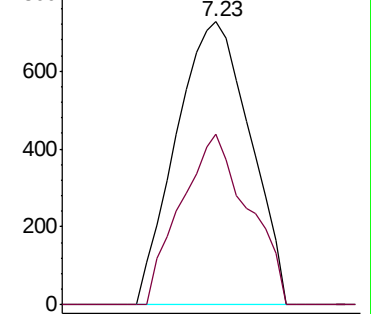
75 100

77 60.2 22.5 41.7#

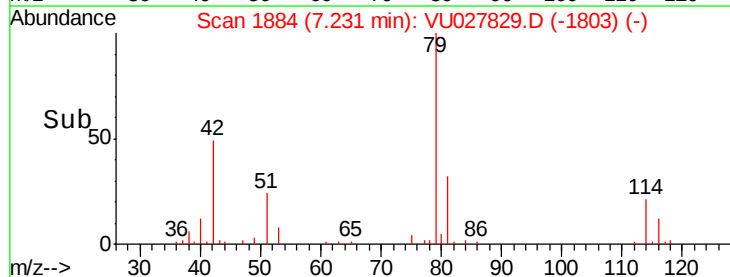


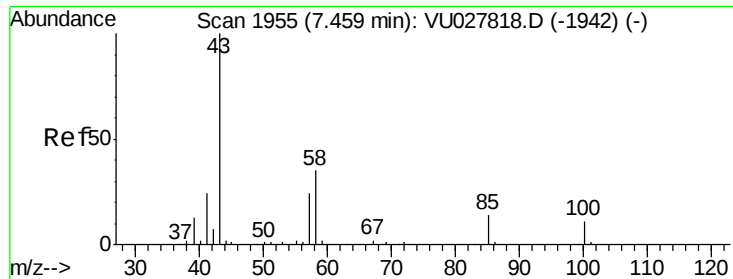
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

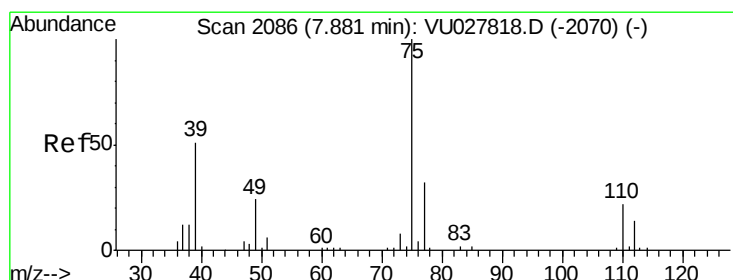
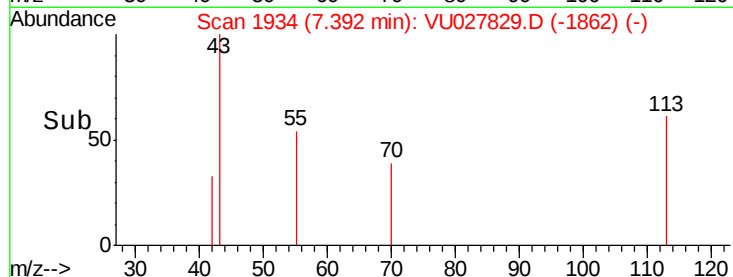
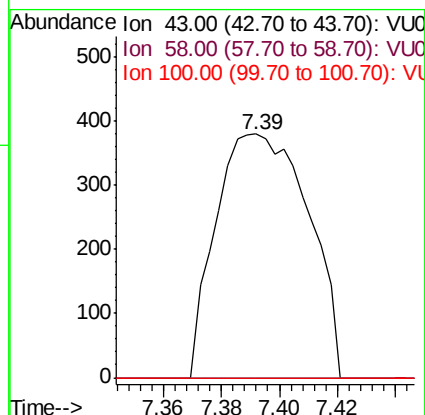
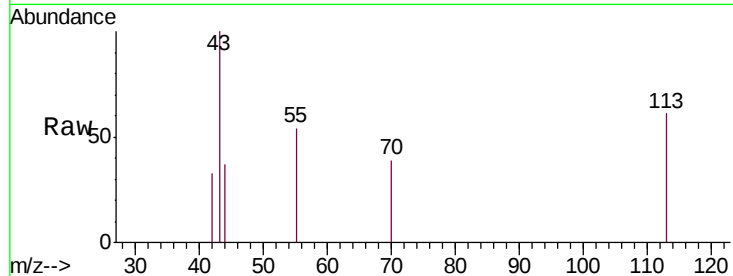




#40
 4-Methyl-2-pentanone
 Concen: 0.546 ug/L
 RT: 7.39 min Scan# 1934
 Delta R.T. -0.07 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

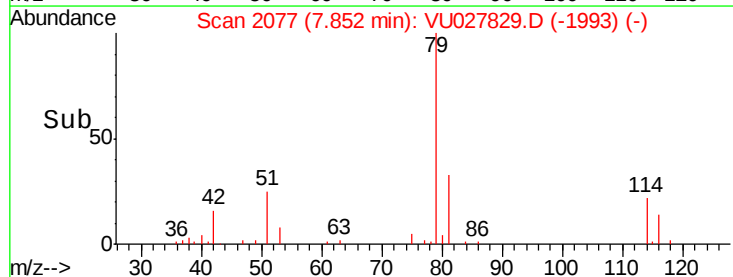
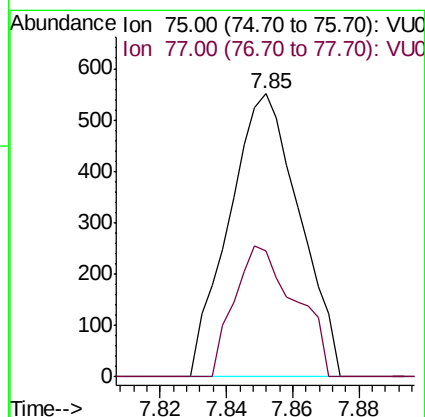
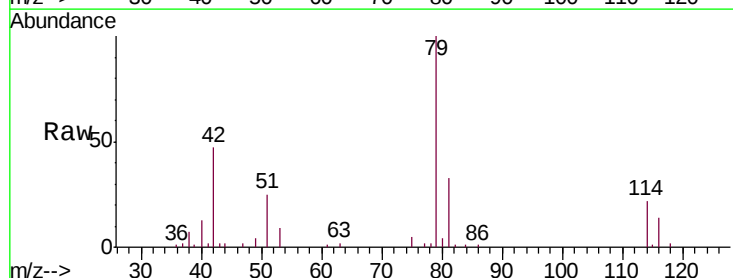
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBP9

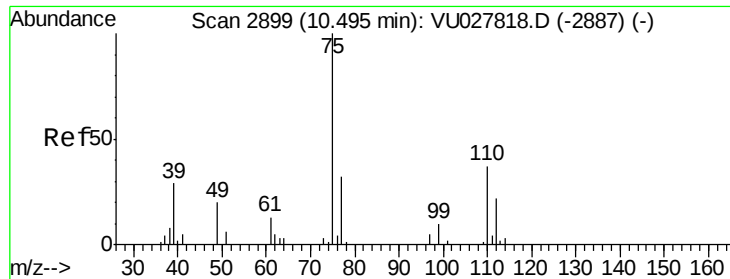
Tgt Ion: 43 Resp: 837
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.3 42.5#
 100 0.0 9.1 13.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.585 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

Tgt Ion: 75 Resp: 814
 Ion Ratio Lower Upper
 75 100
 77 44.6 22.8 42.4#

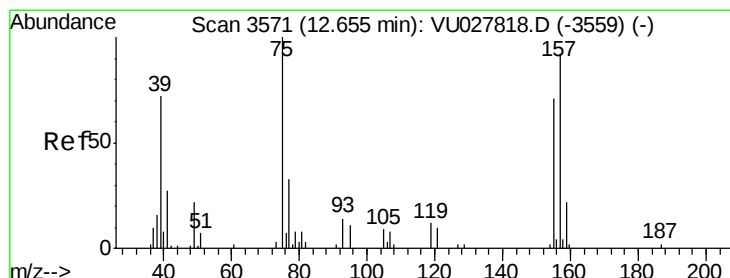
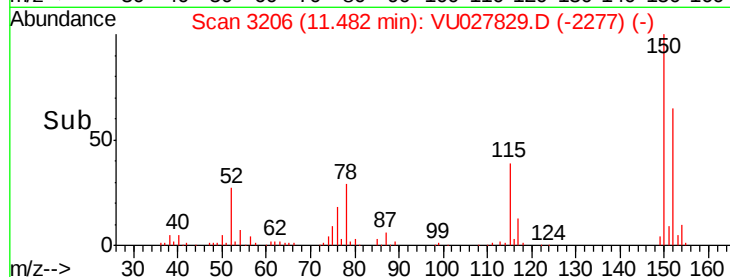
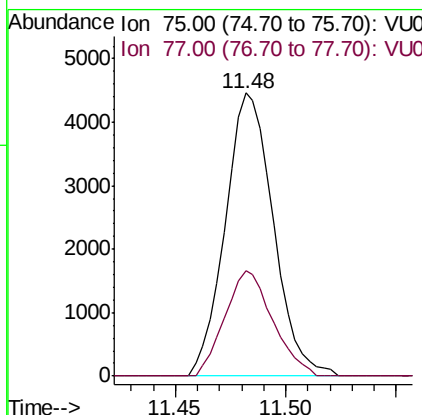
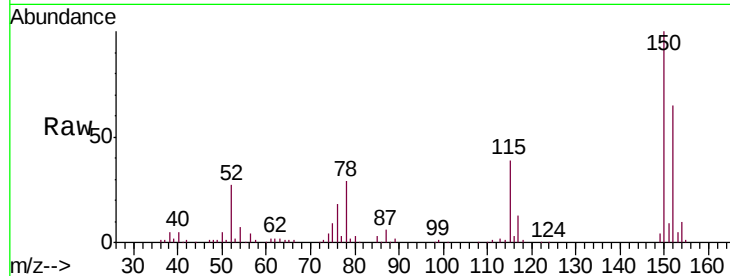




#59
 1,2,3-Trichloropropane
 Concen: 5.996 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

Instrument :
 MSVOA_U
 ClientSampleID :
 ETBP9

Tgt Ion: 75 Resp: 6764
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.5 39.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.818 ug/L
 RT: 12.33 min Scan# 3470
 Delta R.T. -0.32 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

Tgt Ion: 75 Resp: 1625
 Ion Ratio Lower Upper
 75 100
 155 51.7 57.4 86.2#
 157 0.0 75.9 113.9#

