

Data File : VU027795.D
Acq On : 24 Oct 2018 19:24
Operator : MD/SY
Sample : J5599-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H1A03

Quant Time: Oct 25 07:24:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	37267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	37061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18324	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	14099	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.68	69	10972	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.28	63	20137	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.19	46	48520	52.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	4.65	84	26134	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	16060	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	48879	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.33	67	17545	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.57	98	46116	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	6809	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.31	63	40259	51.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	12957	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	17673	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

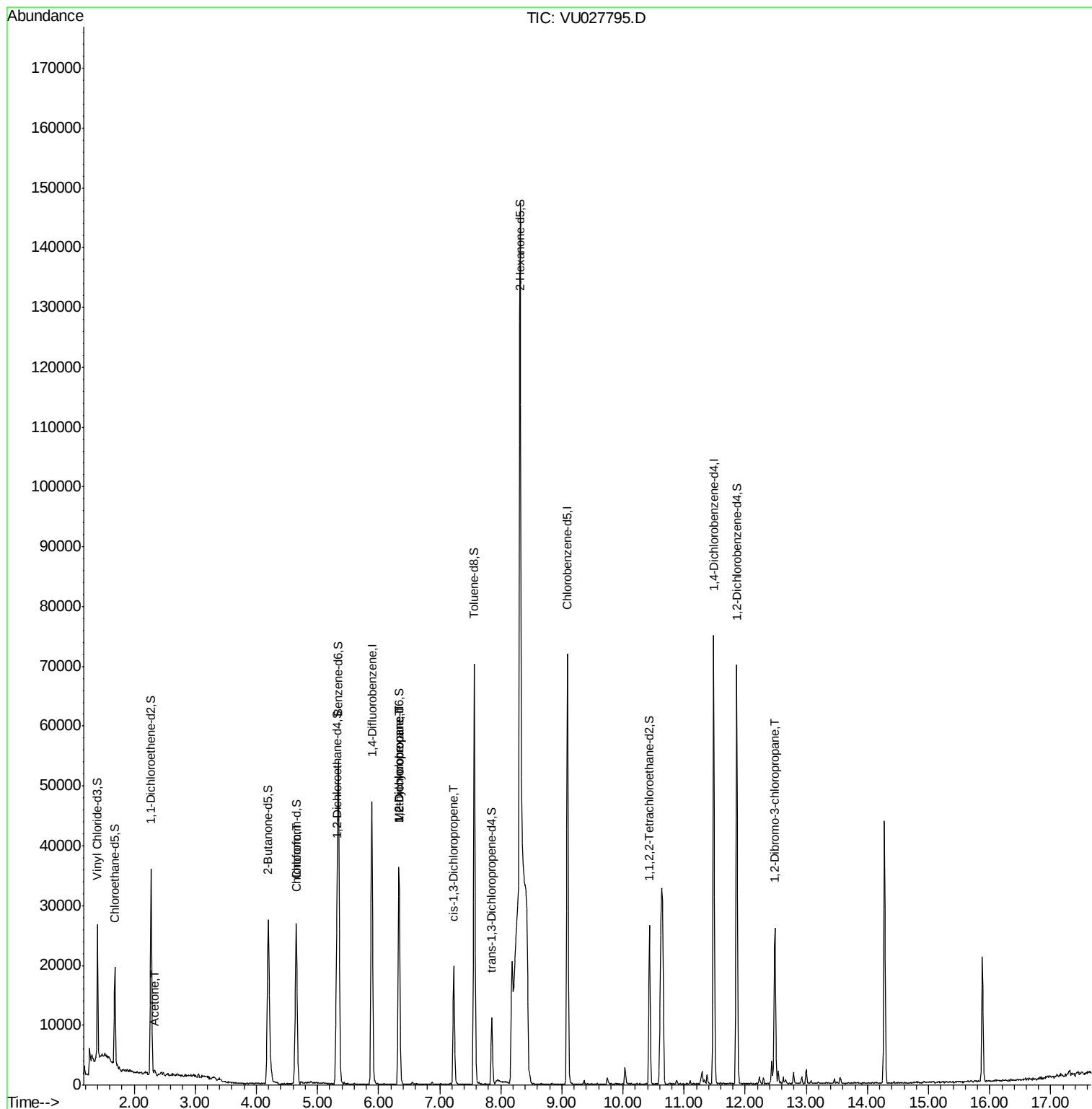
					Qvalue
13) Acetone	2.33	43	873	1.311 ug/L #	49
25) Chloroform	4.67	83	345	0.060 ug/L	80
35) Methylcyclohexane	6.33	83	3817	0.716 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	1887	0.522 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	401	0.077 ug/L #	31
66) 1,2-Dibromo-3-chloropropan	12.48	75	860	1.782 ug/L #	13

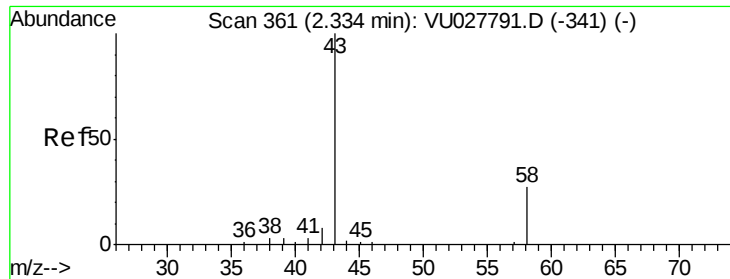
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.311 ug/L

RT: 2.33 min Scan# 360

Delta R.T. -0.00 min

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Acq: 24 Oct 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

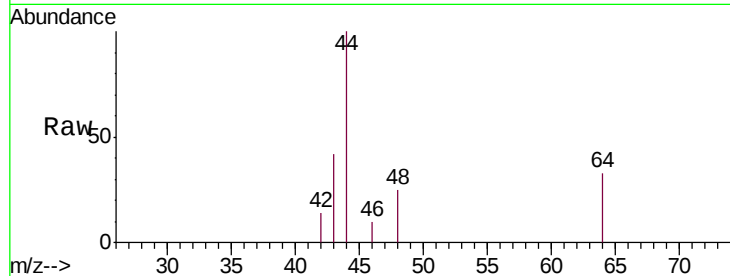
H1A03

Tgt Ion: 43 Resp: 873

Ion Ratio Lower Upper

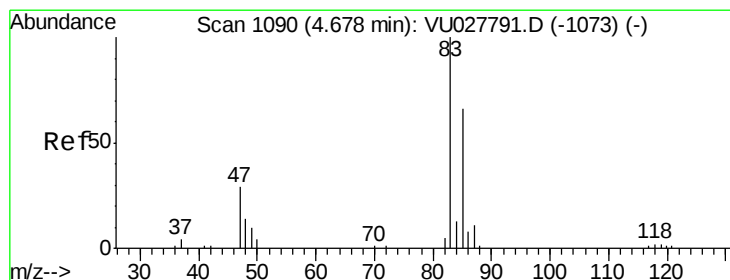
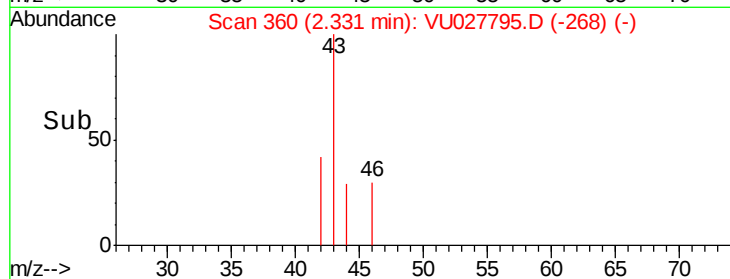
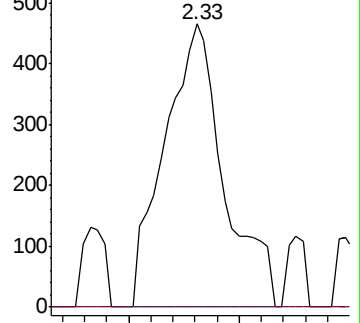
43 100

58 0.0 0.0 52.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.060 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.01 min

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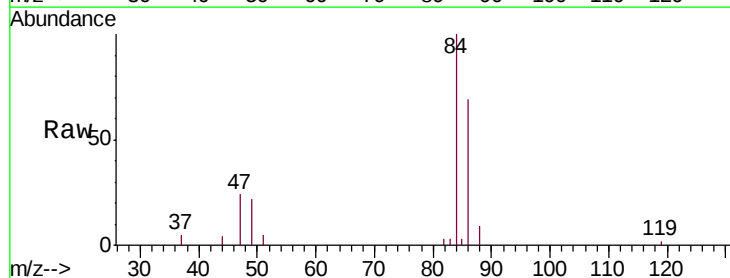
Acq: 24 Oct 2018 19:24

Tgt Ion: 83 Resp: 345

Ion Ratio Lower Upper

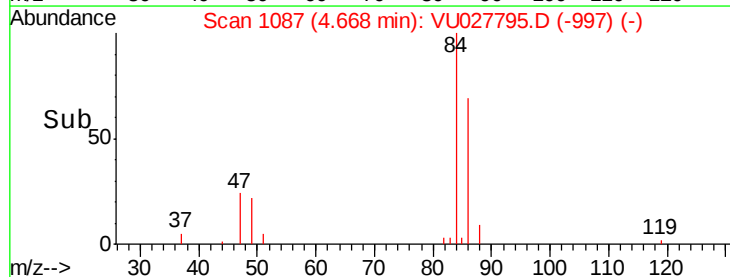
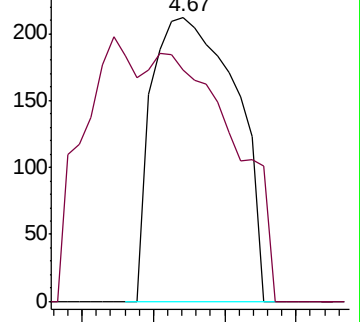
83 100

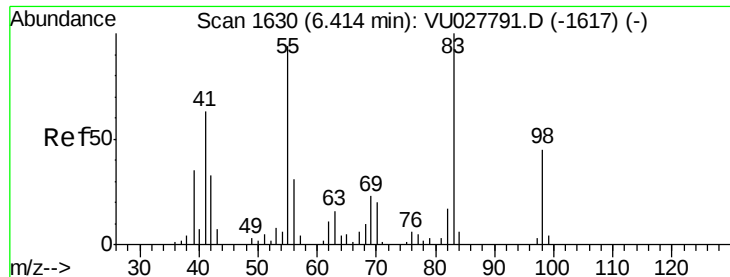
85 81.6 45.8 85.2



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

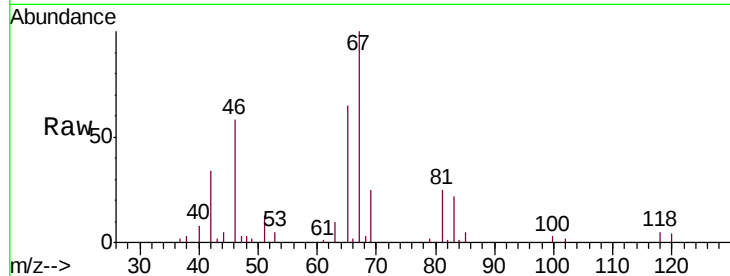




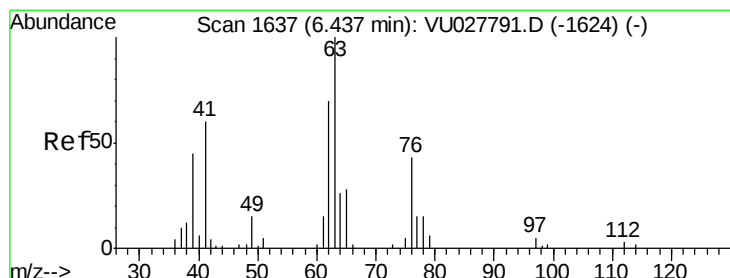
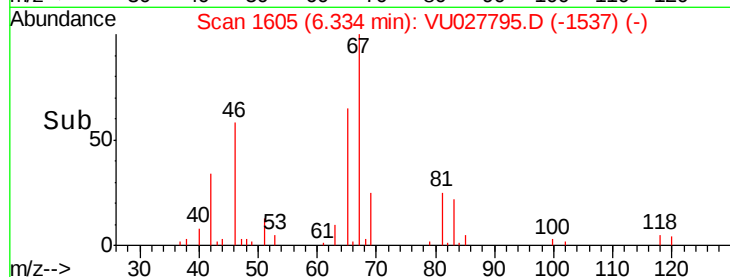
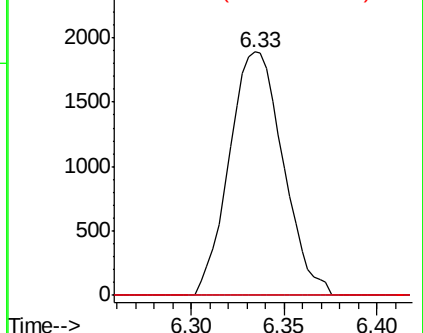
#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027795.D
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Instrument :
MSVOA_U
ClientSampleId :
H1A03

Tgt Ion: 83 Resp: 3817
Ion Ratio Lower Upper
83 100
55 0.0 71.5 107.3#
98 0.0 35.4 53.0#

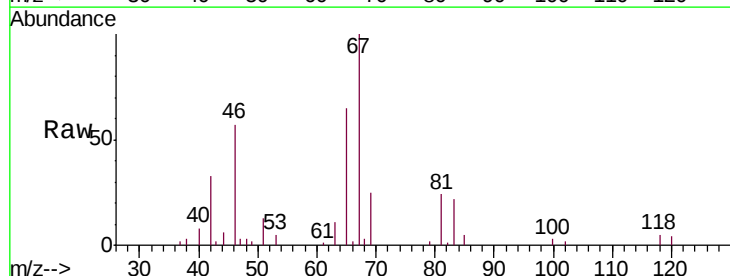


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

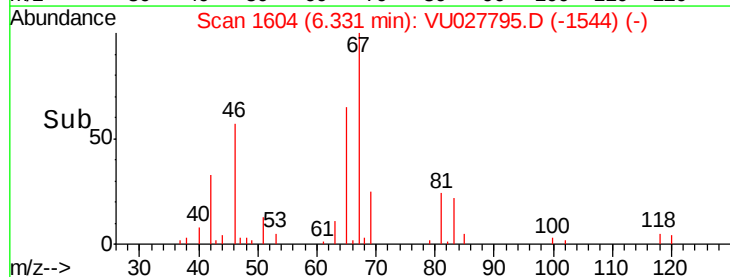
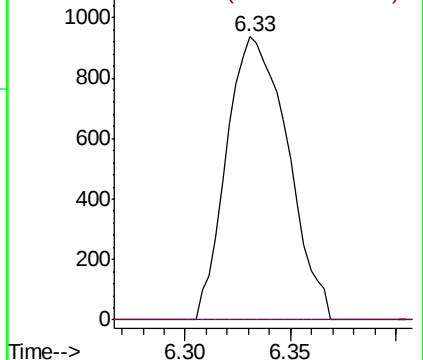


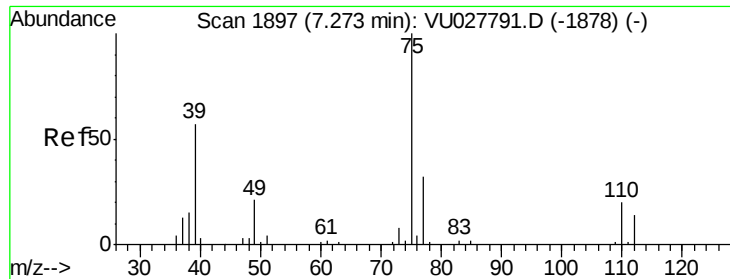
#37
1,2-Dichloropropane
Concen: 0.522 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.11 min
Lab File: VU027795.D
Acq: 24 Oct 2018 19:24

Tgt Ion: 63 Resp: 1887
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

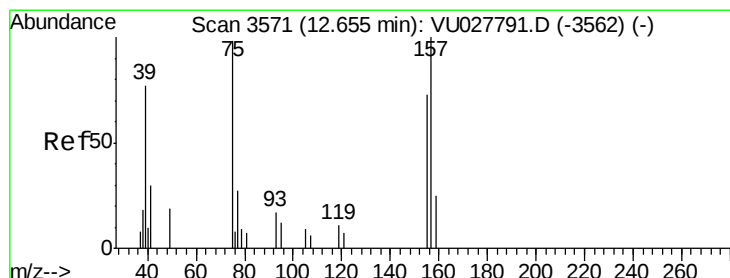
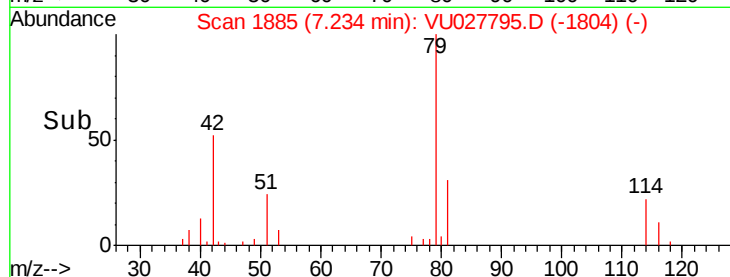
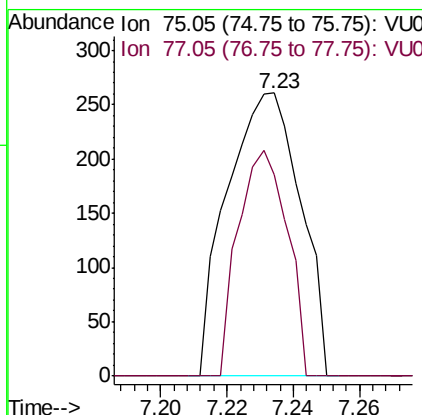
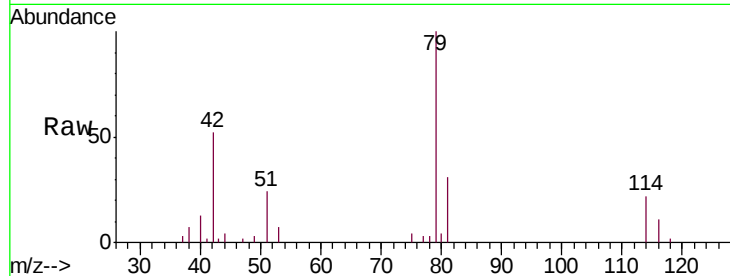




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU027795.D
 Acq: 24 Oct 2018 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 H1A03

Tgt Ion: 75 Resp: 401
 Ion Ratio Lower Upper
 75 100
 77 70.9 22.5 41.7#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.782 ug/L
 RT: 12.48 min Scan# 3516
 Delta R.T. -0.18 min
 Lab File: VU027795.D
 Acq: 24 Oct 2018 19:24

Tgt Ion: 75 Resp: 860
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.2 69.2#
 157 0.0 68.9 103.3#

