

Data File : VU027800.D
Acq On : 24 Oct 2018 21:24
Operator : MD/SY
Sample : J5599-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H1A08

Quant Time: Oct 25 07:25:46 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	37543	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	36184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13200	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.68	69	10949	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.28	63	20814	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.19	46	48499	52.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	4.65	84	24550	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	16442	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	49128	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.33	67	17760	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.57	98	45960	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.85	79	6791	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.31	63	40170	52.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13318	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	17352	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

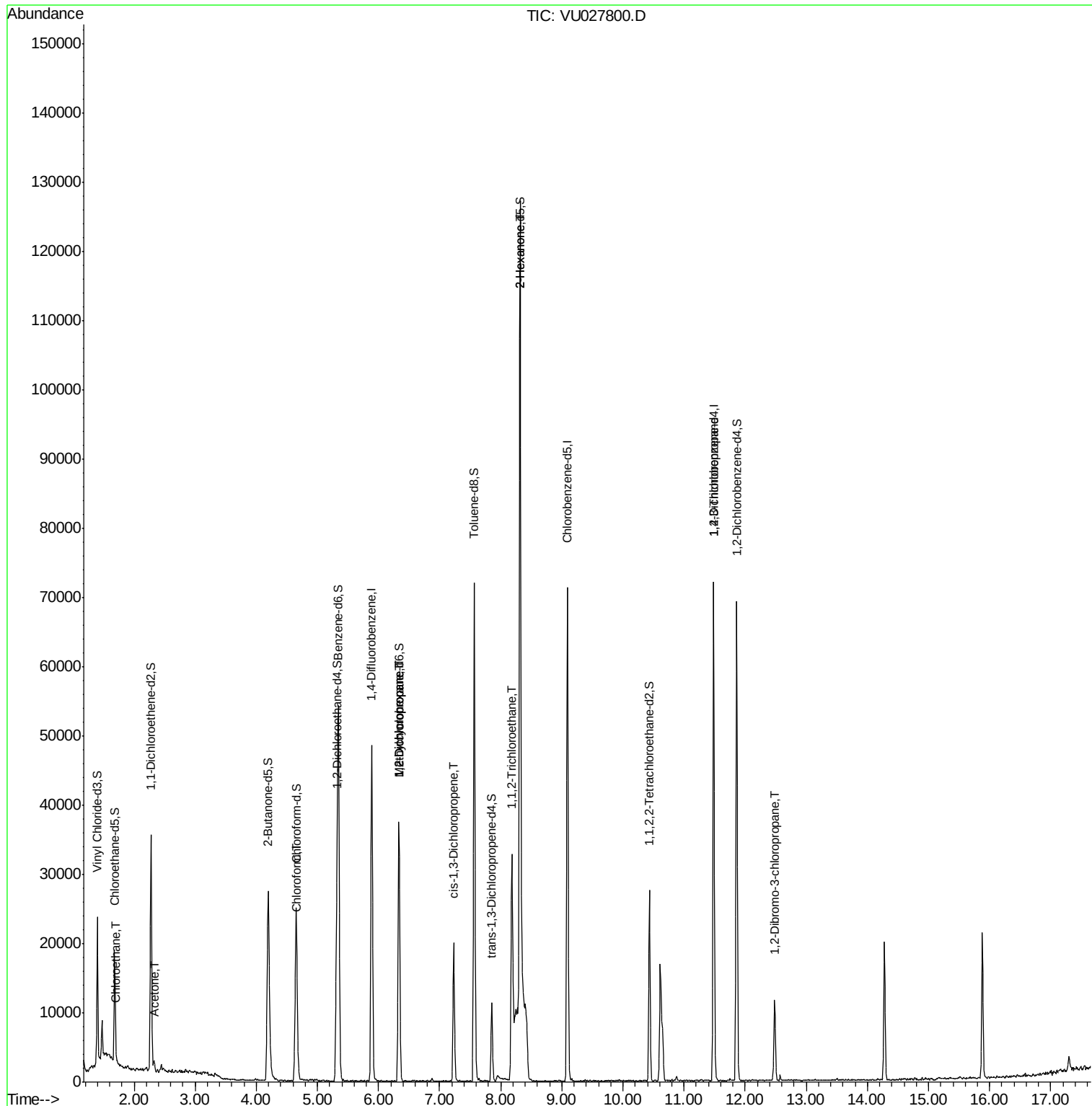
					Qvalue	
8) Chloroethane	1.71	64	191	0.090	ug/L #	46
13) Acetone	2.32	43	1447	2.157	ug/L	83
25) Chloroform	4.67	83	2274	0.389	ug/L	98
35) Methylcyclohexane	6.33	83	3885	0.746	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	1991	0.564	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	348	0.069	ug/L #	19
45) 1,1,2-Trichloroethane	8.18	97	175	0.082	ug/L #	14
48) 2-Hexanone	8.31	43	5305	2.829	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	2252	1.013	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	355	0.749	ug/L #	13

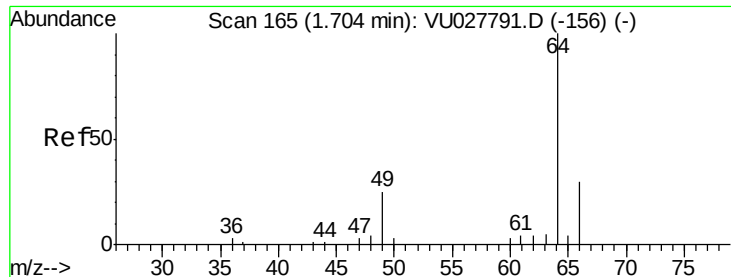
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.090 ug/L

RT: 1.71 min Scan# 167

Delta R.T. 0.01 min

Lab File: VU027800.D

Acq: 24 Oct 2018 21:24

Instrument :

MSVOA_U

ClientSampleId :

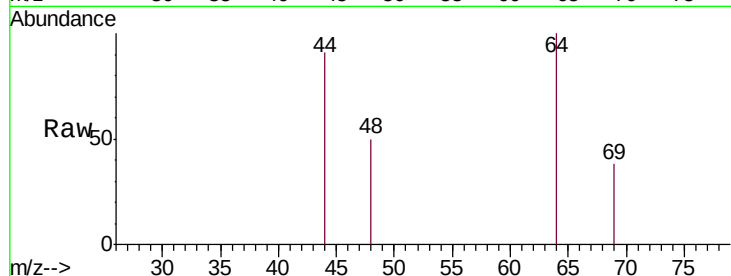
H1A08

Tgt Ion: 64 Resp: 191

Ion Ratio Lower Upper

64 100

66 0.0 20.3 37.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

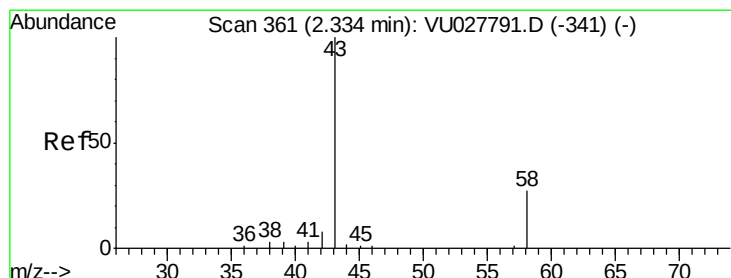
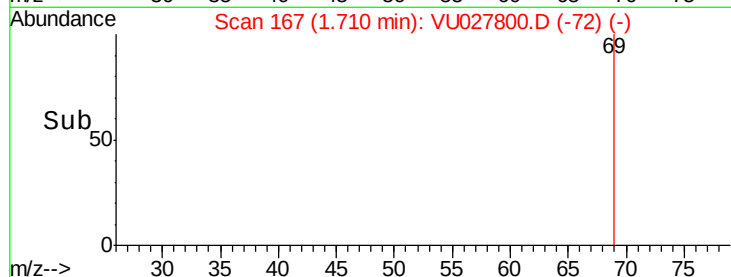
1.71

1000

500

0

Time-->



#13

Acetone

Concen: 2.157 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.01 min

Lab File: VU027800.D

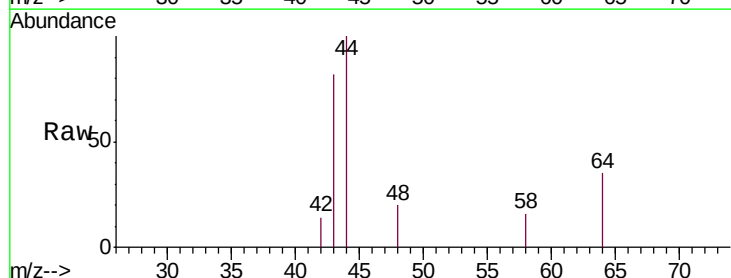
Acq: 24 Oct 2018 21:24

Tgt Ion: 43 Resp: 1447

Ion Ratio Lower Upper

43 100

58 17.8 0.0 52.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

1000

800

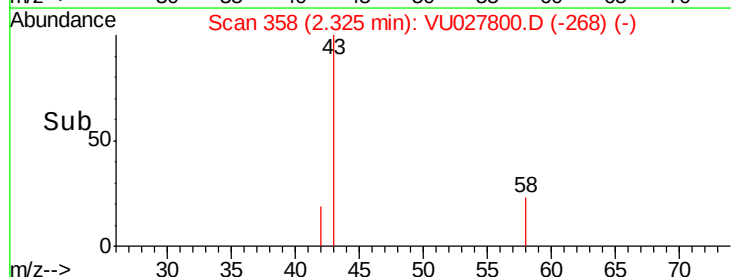
600

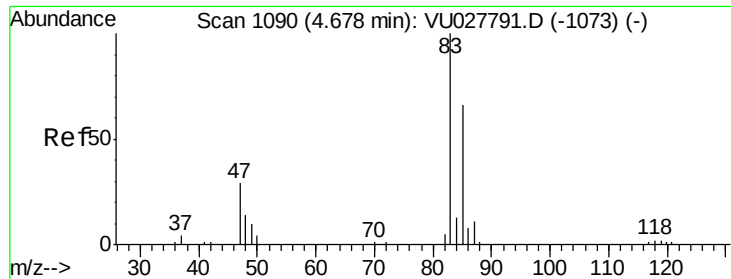
400

200

0

Time-->

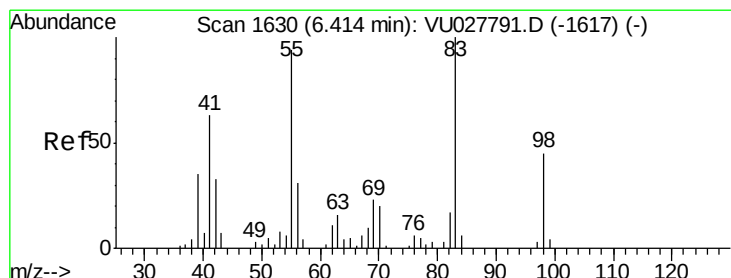
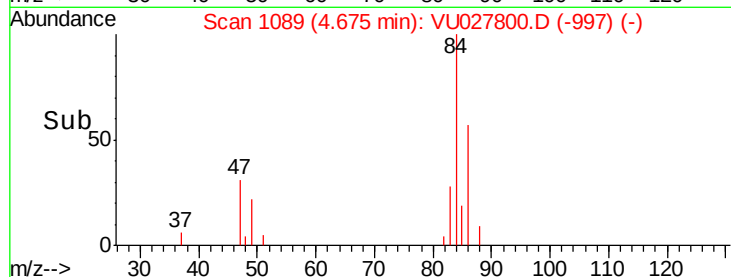
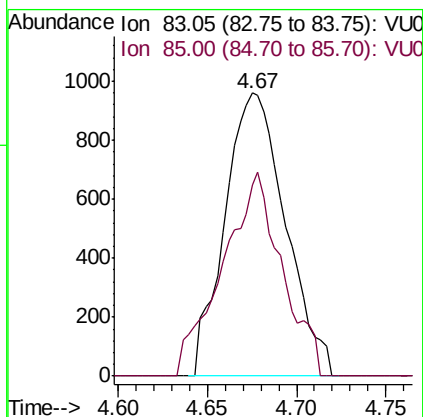
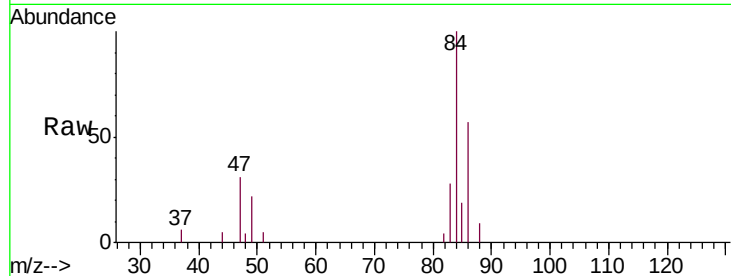




#25
Chloroform
Concen: 0.389 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027800.D
Acq: 24 Oct 2018 21:24

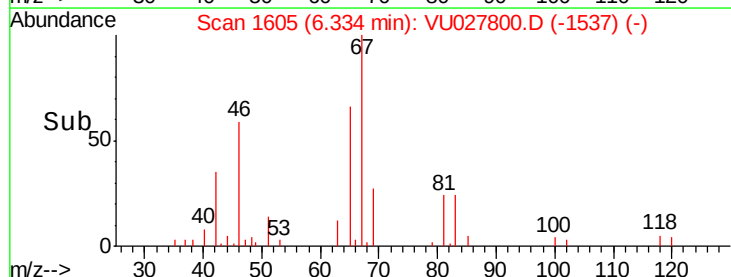
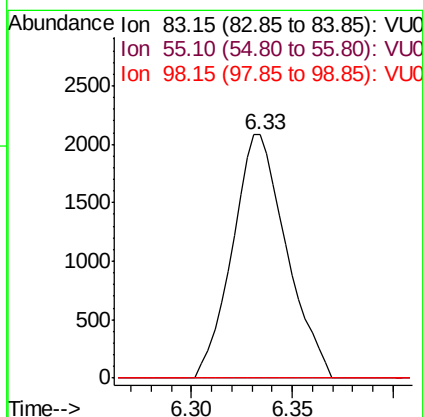
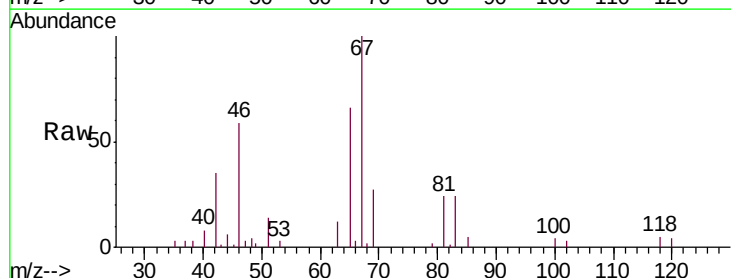
Instrument :
MSVOA_U
ClientSampleId :
H1A08

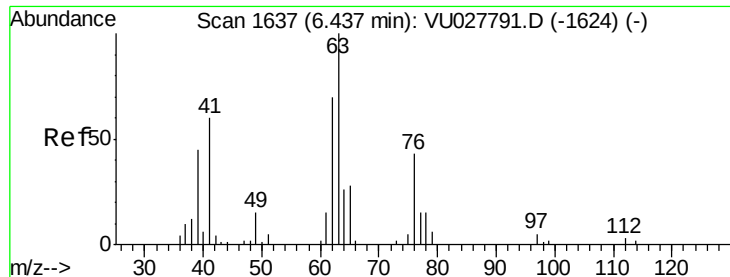
Tgt Ion: 83 Resp: 2274
Ion Ratio Lower Upper
83 100
85 67.4 45.8 85.2



#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027800.D
Acq: 24 Oct 2018 21:24

Tgt Ion: 83 Resp: 3885
Ion Ratio Lower Upper
83 100
55 0.0 71.5 107.3#
98 0.0 35.4 53.0#

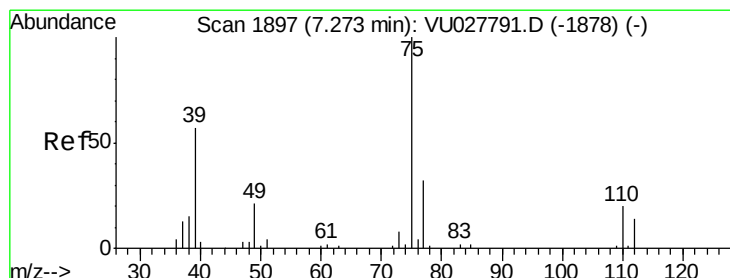
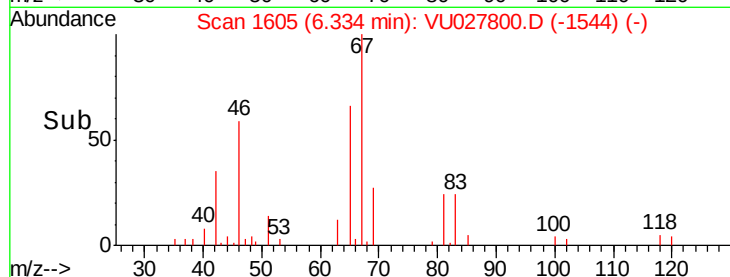
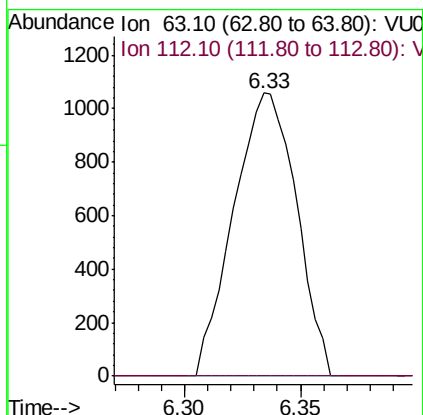
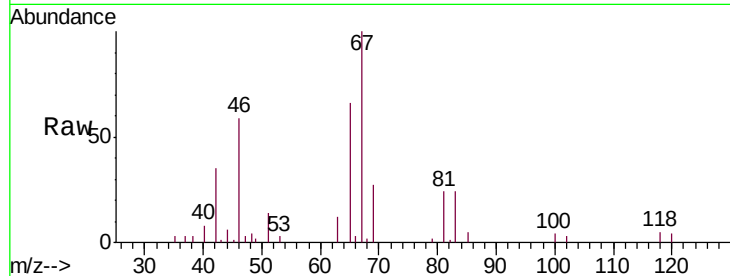




#37
 1,2-Dichloropropane
 Concen: 0.564 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027800.D
 Acq: 24 Oct 2018 21:24

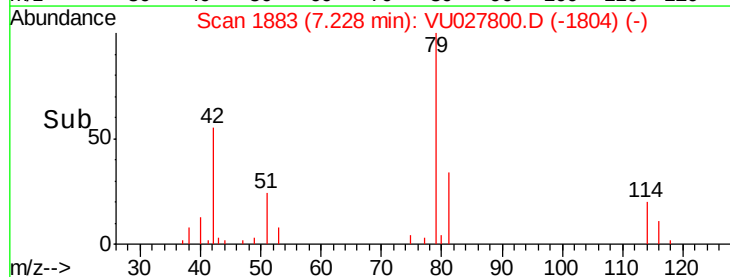
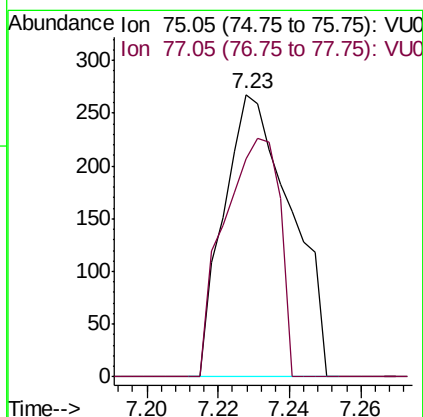
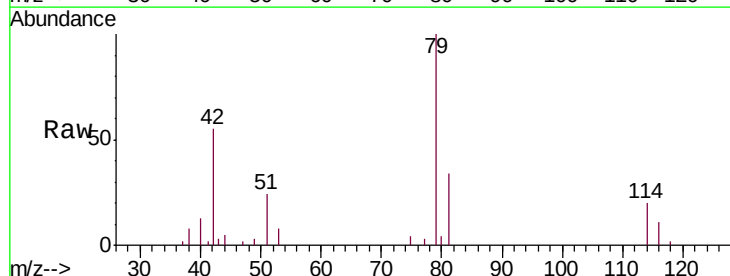
Instrument :
 MSVOA_U
 ClientSampleId :
 H1A08

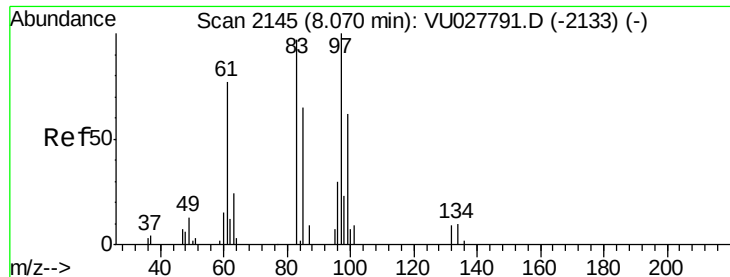
Tgt Ion: 63 Resp: 1991
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027800.D
 Acq: 24 Oct 2018 21:24

Tgt Ion: 75 Resp: 348
 Ion Ratio Lower Upper
 75 100
 77 77.2 22.5 41.7#

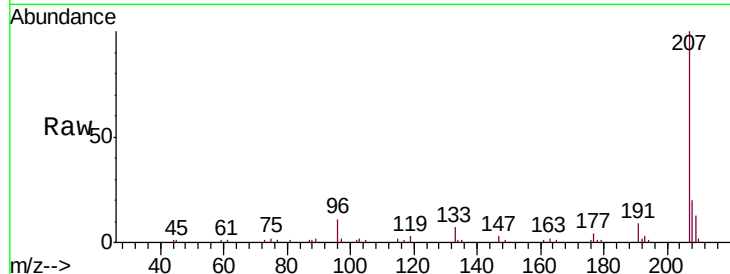




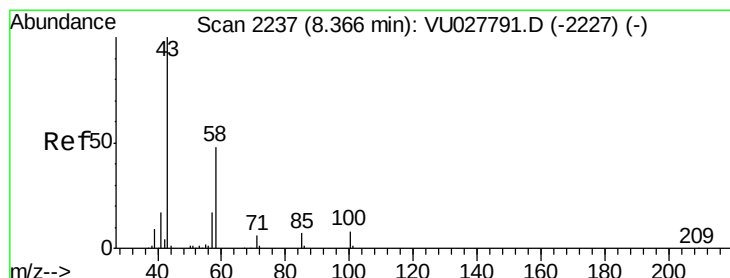
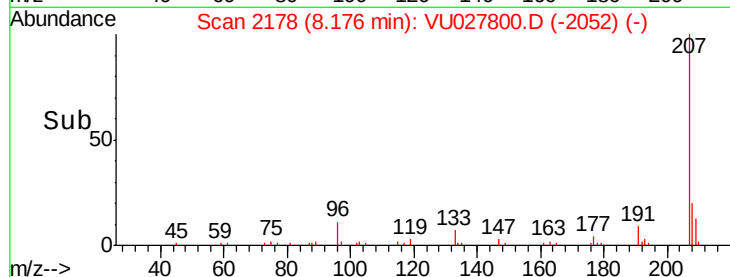
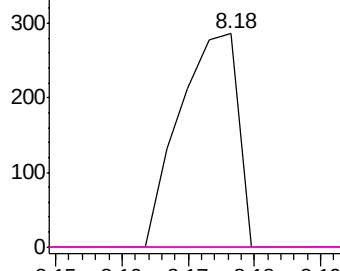
#45
 1,1,2-Trichloroethane
 Concen: 0.082 ug/L
 RT: 8.18 min Scan# 2178
 Delta R.T. 0.11 min
 Lab File: VU027800.D
 Acq: 24 Oct 2018 21:24

Instrument :
 MSVOA_U
 ClientSampleId :
 H1A08

Tgt Ion:	97	Resp:	175
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.8	79.6#
83	0.0	62.9	116.9#
85	0.0	40.8	75.8#

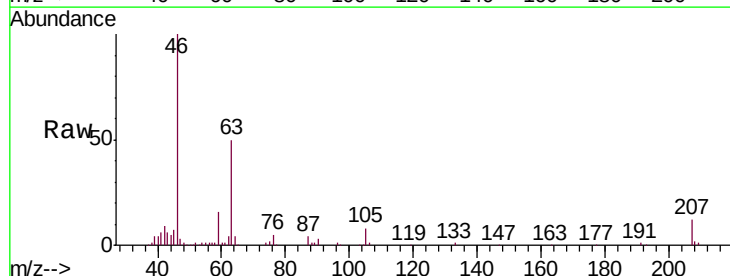


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

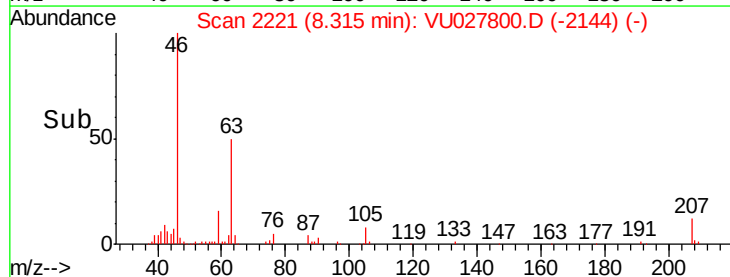
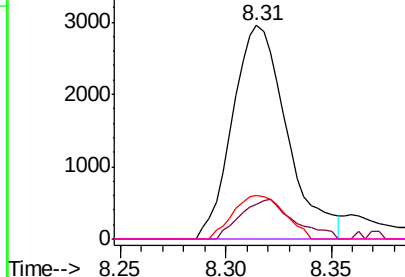


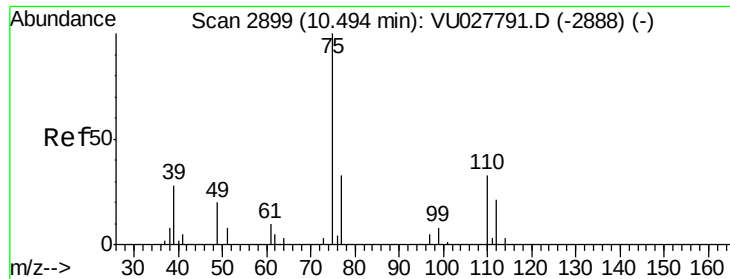
#48
 2-Hexanone
 Concen: 2.829 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU027800.D
 Acq: 24 Oct 2018 21:24

Tgt Ion:	43	Resp:	5305
Ion	Ratio	Lower	Upper
43	100		
58	18.0	39.4	59.0#
57	19.1	13.8	20.8
100	0.0	6.7	10.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.013 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU027800.D

Acq: 24 Oct 2018 21:24

Instrument :

MSVOA_U

ClientSampled :

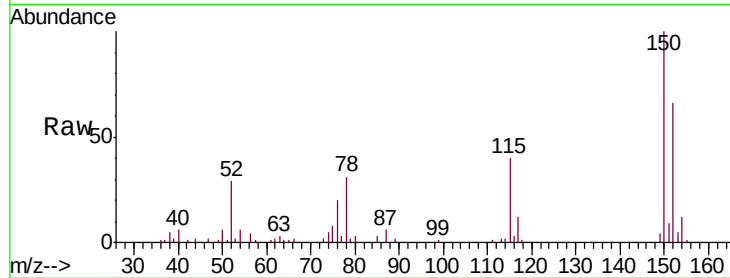
H1A08

Tgt Ion: 75 Resp: 2252

Ion Ratio Lower Upper

75 100

77 35.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

1500

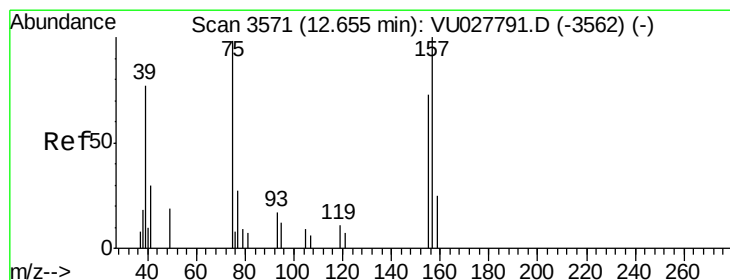
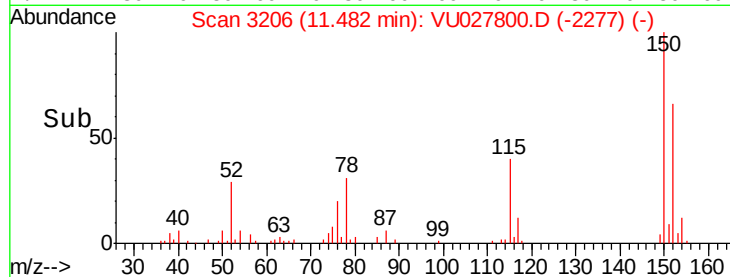
1000

500

0

11.45 11.50

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.749 ug/L

RT: 12.48 min Scan# 3515

Delta R.T. -0.18 min

Lab File: VU027800.D

Acq: 24 Oct 2018 21:24

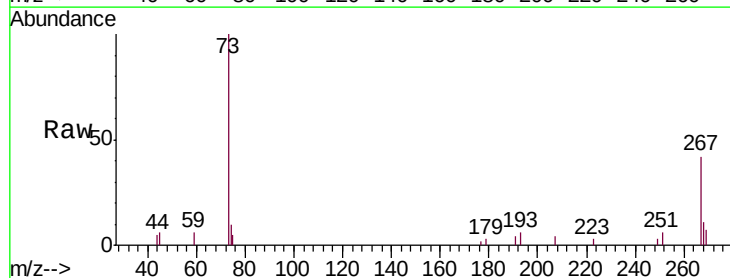
Tgt Ion: 75 Resp: 355

Ion Ratio Lower Upper

75 100

155 0.0 46.2 69.2#

157 0.0 68.9 103.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

300

250

200

150

100

50

0

12.44 12.46 12.48 12.50

Time-->

