

Data File : VU027823.D
Acq On : 26 Oct 2018 11:13
Operator : MD/SY
Sample : J5635-24ME
Misc : 5.16g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40G0ME

Quant Time: Oct 27 01:44:44 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	5.88	114	84998	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	84516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26944	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.64	69	24676	48.46	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.92%
11) 1,1-Dichloroethene-d2	2.23	63	38478	32.30	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.60%
21) 2-Butanone-d5	4.19	46	56590	100.41	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.65	84	53393	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
26) 1,2-Dichloroethane-d4	5.31	65	41132	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.33	84	101713	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
36) 1,2-Dichloropropane-d6	6.33	67	36568	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.10%
41) Toluene-d8	7.57	98	93786	42.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.48%
43) trans-1,3-Dichloropropene-	7.85	79	18179	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.12%
47) 2-Hexanone-d5	8.32	63	45237	102.87	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.87%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	54942	49.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	42780	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%

Target Compounds

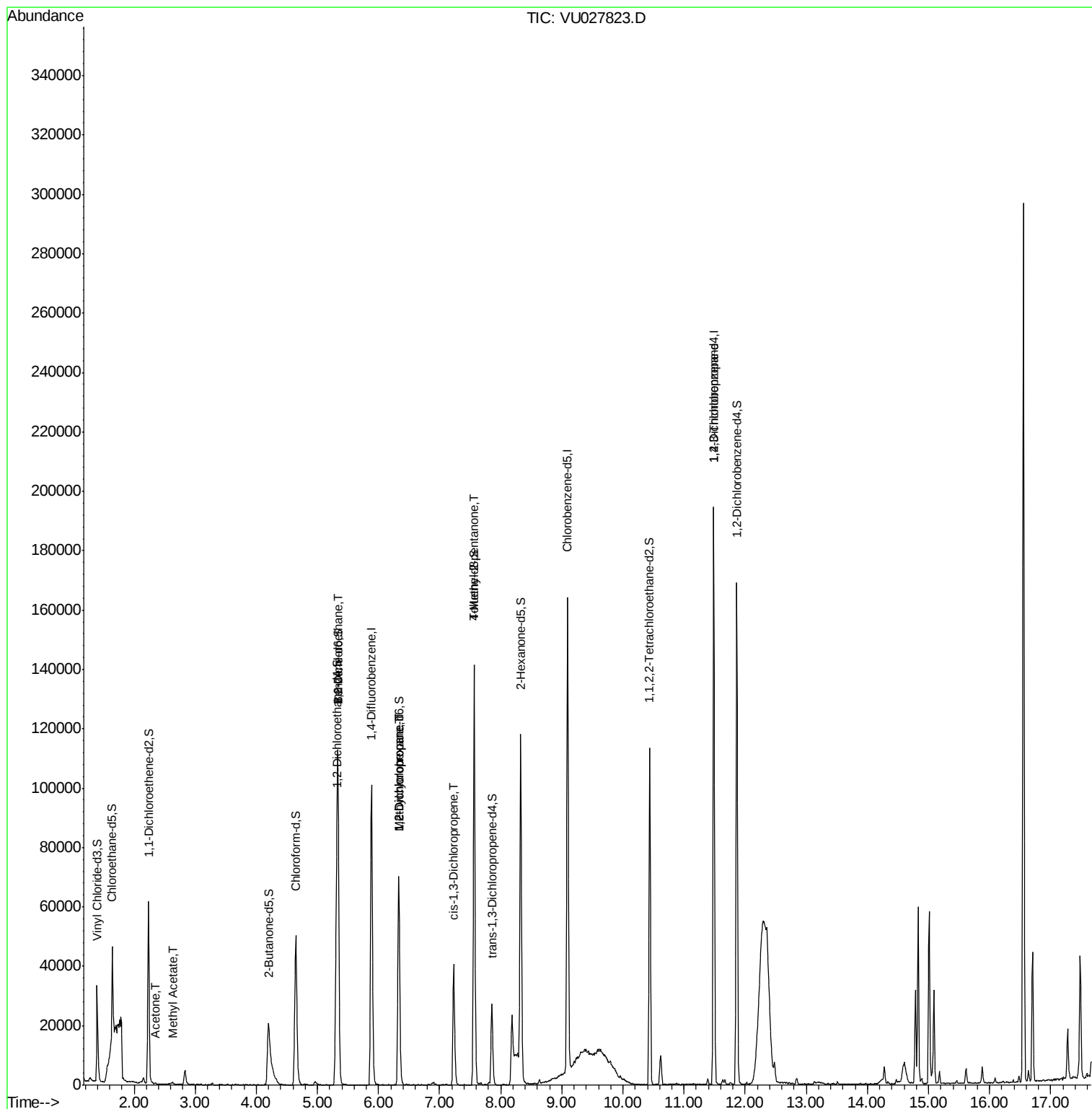
					Qvalue	
13) Acetone	2.35	43	572	1.457	ug/L #	46
15) Methyl Acetate	2.63	43	1192	1.443	ug/L #	58
27) 1,2-Dichloroethane	5.34	62	542	0.566	ug/L #	78
35) Methylcyclohexane	6.33	83	8070	7.413	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4348	5.853	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1076	0.941	ug/L #	75
40) 4-Methyl-2-pentanone	7.57	43	578	0.484	ug/L #	1
59) 1,2,3-Trichloropropane	11.48	75	6218	7.082	ug/L	93

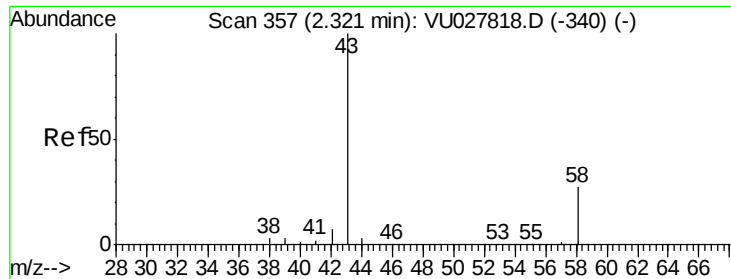
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.457 ug/L

RT: 2.35 min Scan# 365

Delta R.T. 0.03 min

Lab File: VU027823.D

Acq: 26 Oct 2018 11:13

Instrument :

MSVOA_U

ClientSampleId :

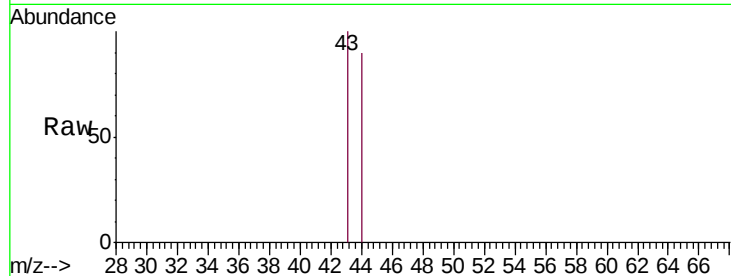
A40G0ME

Tgt Ion: 43 Resp: 572

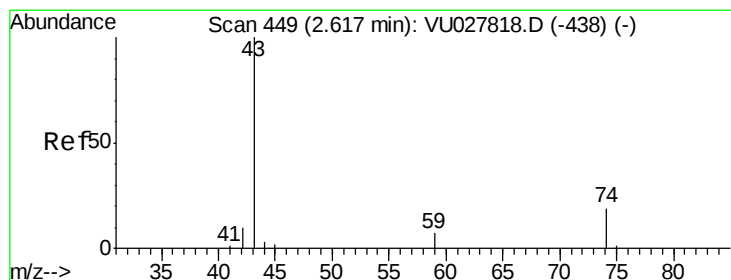
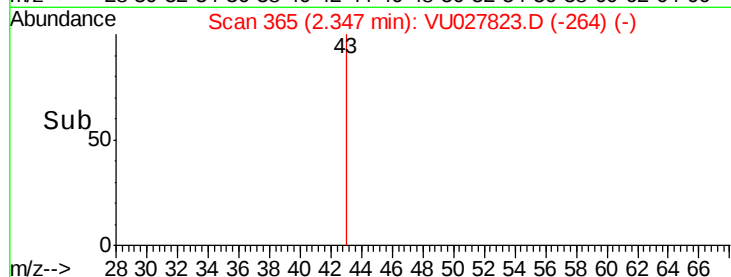
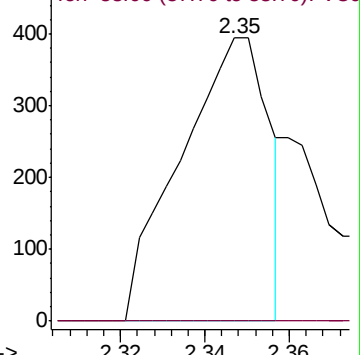
Ion Ratio Lower Upper

43 100

58 0.0 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU027823.D (-365) (-)



#15

Methyl Acetate

Concen: 1.443 ug/L

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU027823.D

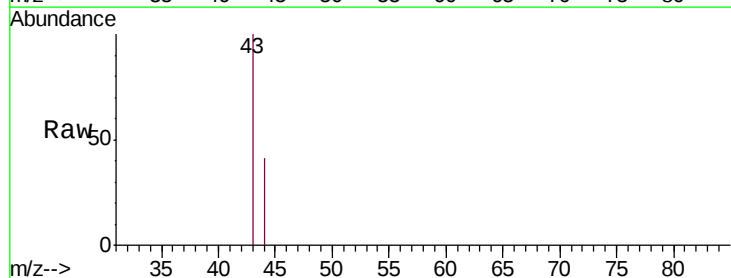
Acq: 26 Oct 2018 11:13

Tgt Ion: 43 Resp: 1192

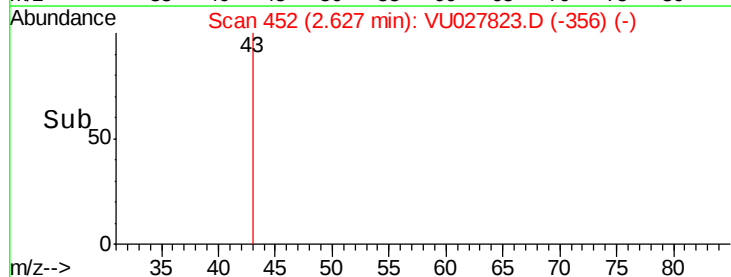
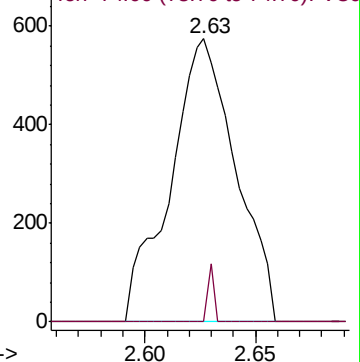
Ion Ratio Lower Upper

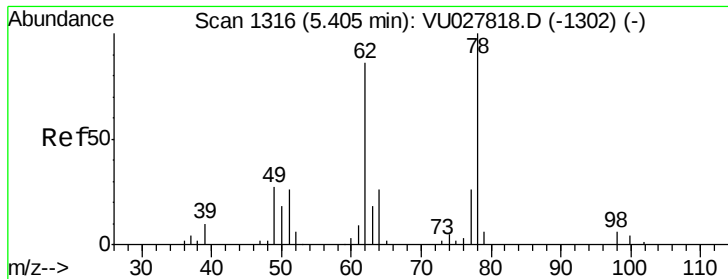
43 100

74 0.0 15.1 22.7#



Abundance Ion 43.00 (42.70 to 43.70): VU027823.D (-452) (-)

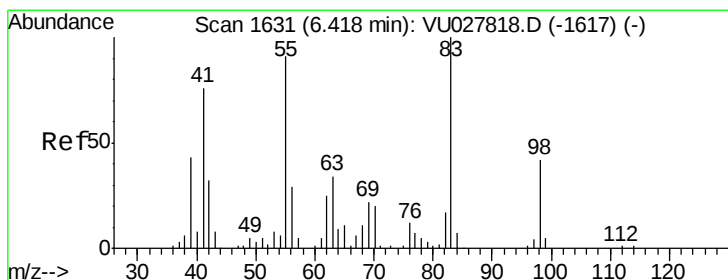
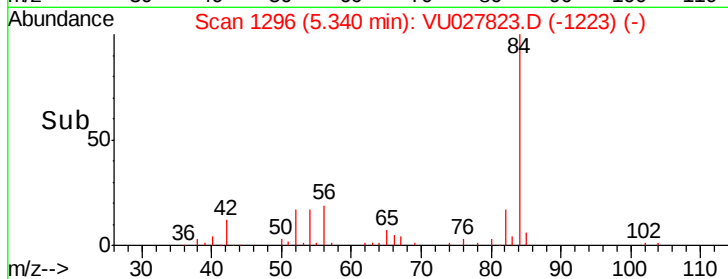
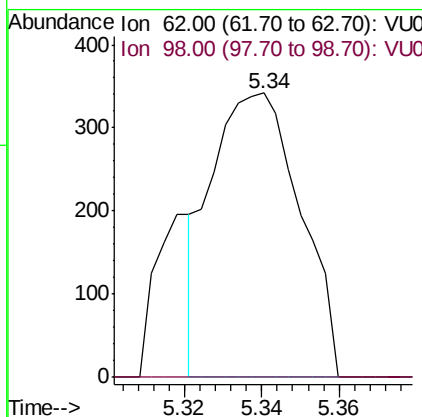
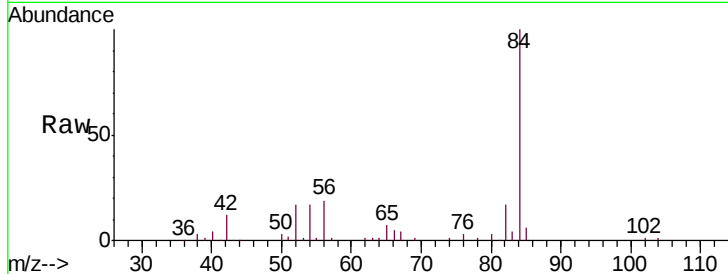




#27
 1,2-Dichloroethane
 Concen: 0.566 ug/L
 RT: 5.34 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: VU027823.D
 Acq: 26 Oct 2018 11:13

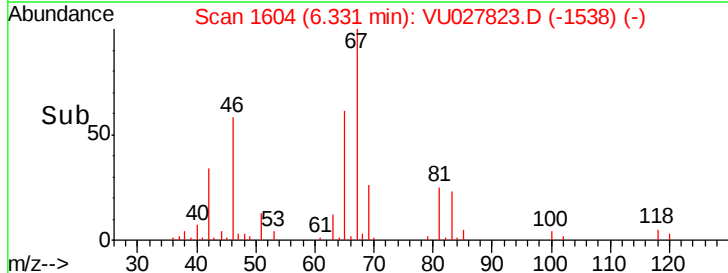
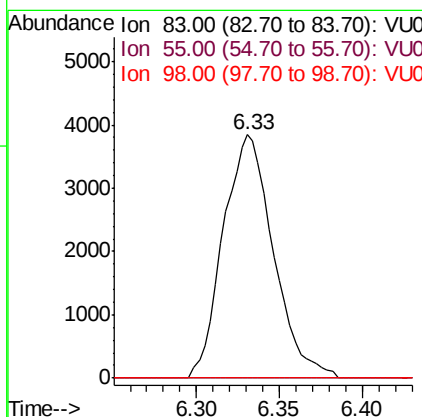
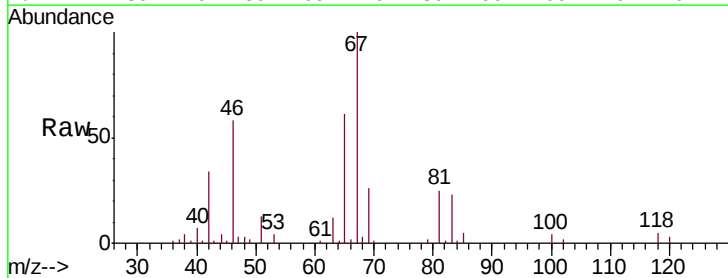
Instrument :
 MSVOA_U
 ClientSampleId :
 A40G0ME

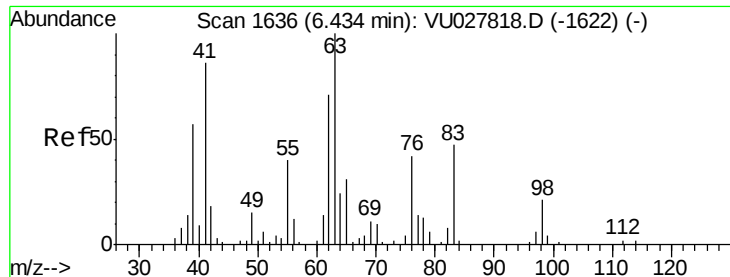
Tgt Ion: 62 Resp: 542
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 7.413 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.09 min
 Lab File: VU027823.D
 Acq: 26 Oct 2018 11:13

Tgt Ion: 83 Resp: 8070
 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: 5.853 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU027823.D

Acq: 26 Oct 2018 11:13

Instrument :

MSVOA_U

ClientSampleId :

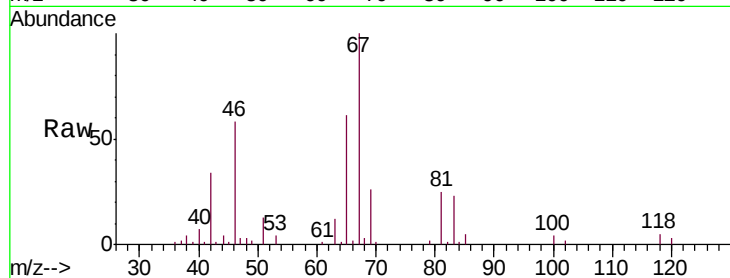
A40G0ME

Tgt Ion: 63 Resp: 4348

Ion Ratio Lower Upper

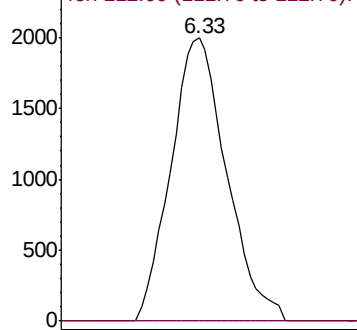
63 100

112 0.0 2.6 3.8#

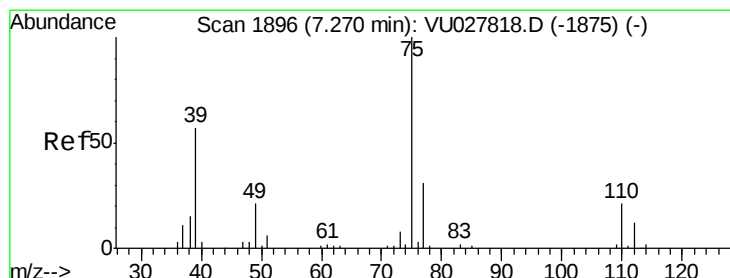
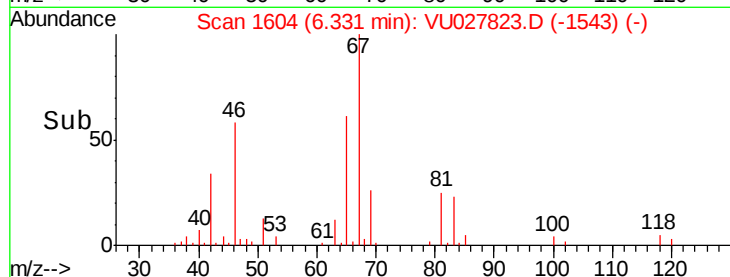


Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.941 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU027823.D

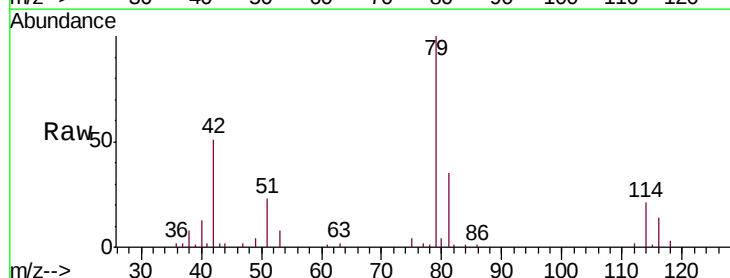
Acq: 26 Oct 2018 11:13

Tgt Ion: 75 Resp: 1076

Ion Ratio Lower Upper

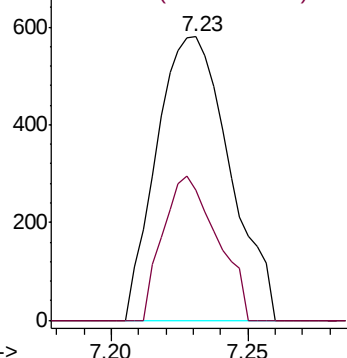
75 100

77 45.9 22.5 41.7#

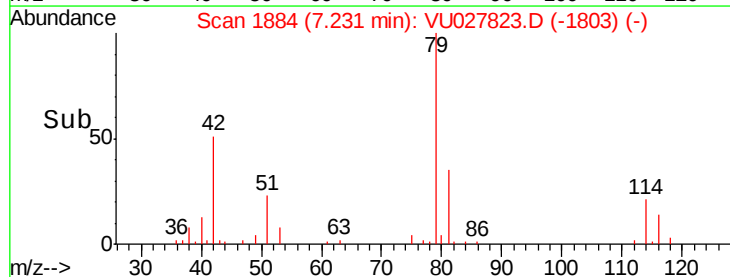


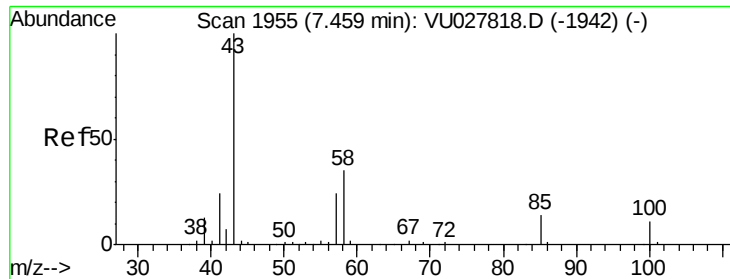
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

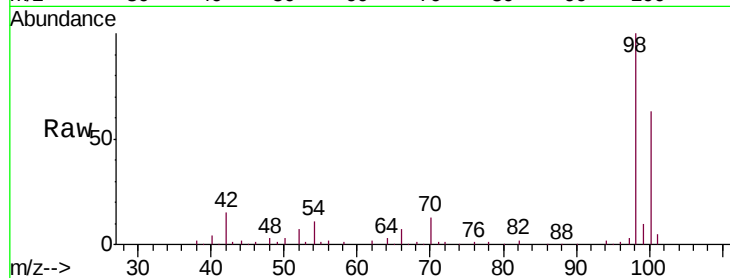




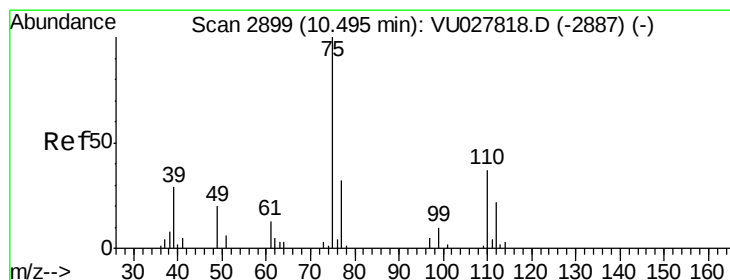
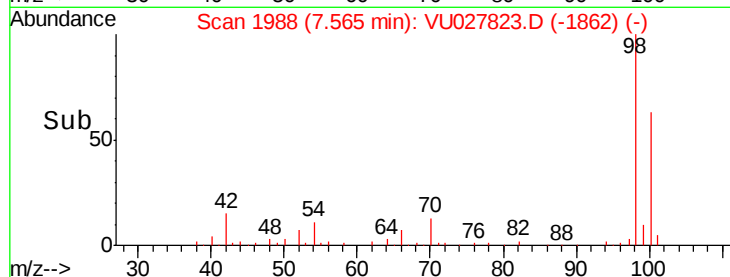
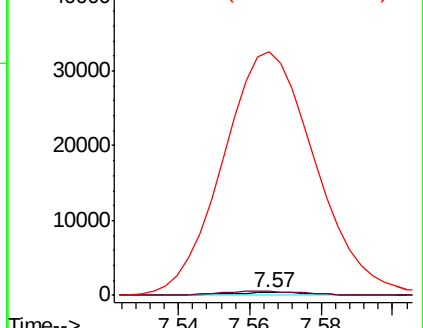
#40
 4-Methyl-2-pentanone
 Concen: 0.484 ug/L
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.11 min
 Lab File: VU027823.D
 Acq: 26 Oct 2018 11:13

Instrument :
 MSVOA_U
 ClientSampleId :
 A40G0ME

Tgt Ion: 43 Resp: 578
 Ion Ratio Lower Upper
 43 100
 58 156.2 28.3 42.5#
 100 10209.3 9.1 13.7#

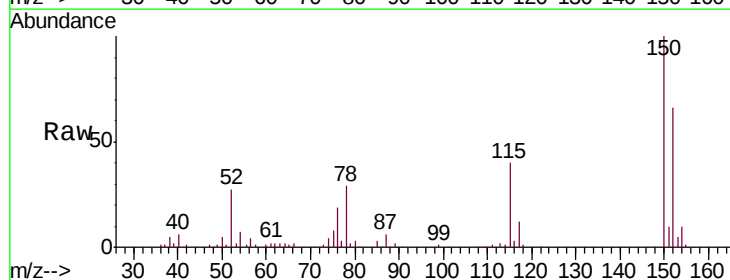


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0



#59
 1,2,3-Trichloropropane
 Concen: 7.082 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027823.D
 Acq: 26 Oct 2018 11:13

Tgt Ion: 75 Resp: 6218
 Ion Ratio Lower Upper
 75 100
 77 36.8 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

