

Data File : VU027813.D
Acq On : 25 Oct 2018 20:49
Operator : MD/SY
Sample : J5657-01 100X
Misc : 4.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40G4MEDL

Quant Time: Oct 26 02:31:07 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	101515	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	96235	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47266	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27024	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.42%
7) Chloroethane-d5	1.68	69	21326	35.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.14%
11) 1,1-Dichloroethene-d2	2.27	63	40632	28.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.12%#
21) 2-Butanone-d5	4.18	46	52595	78.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.14%
24) Chloroform-d	4.65	84	53789	37.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.76%
26) 1,2-Dichloroethane-d4	5.31	65	40722	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
32) Benzene-d6	5.34	84	99967	36.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.96%
36) 1,2-Dichloropropane-d6	6.33	67	36417	37.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.44%
41) Toluene-d8	7.57	98	92388	36.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.10%#
43) trans-1,3-Dichloropropene-	7.85	79	17426	36.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.34%
47) 2-Hexanone-d5	8.31	63	37898	75.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47683	37.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	36218	37.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.82%#

Target Compounds

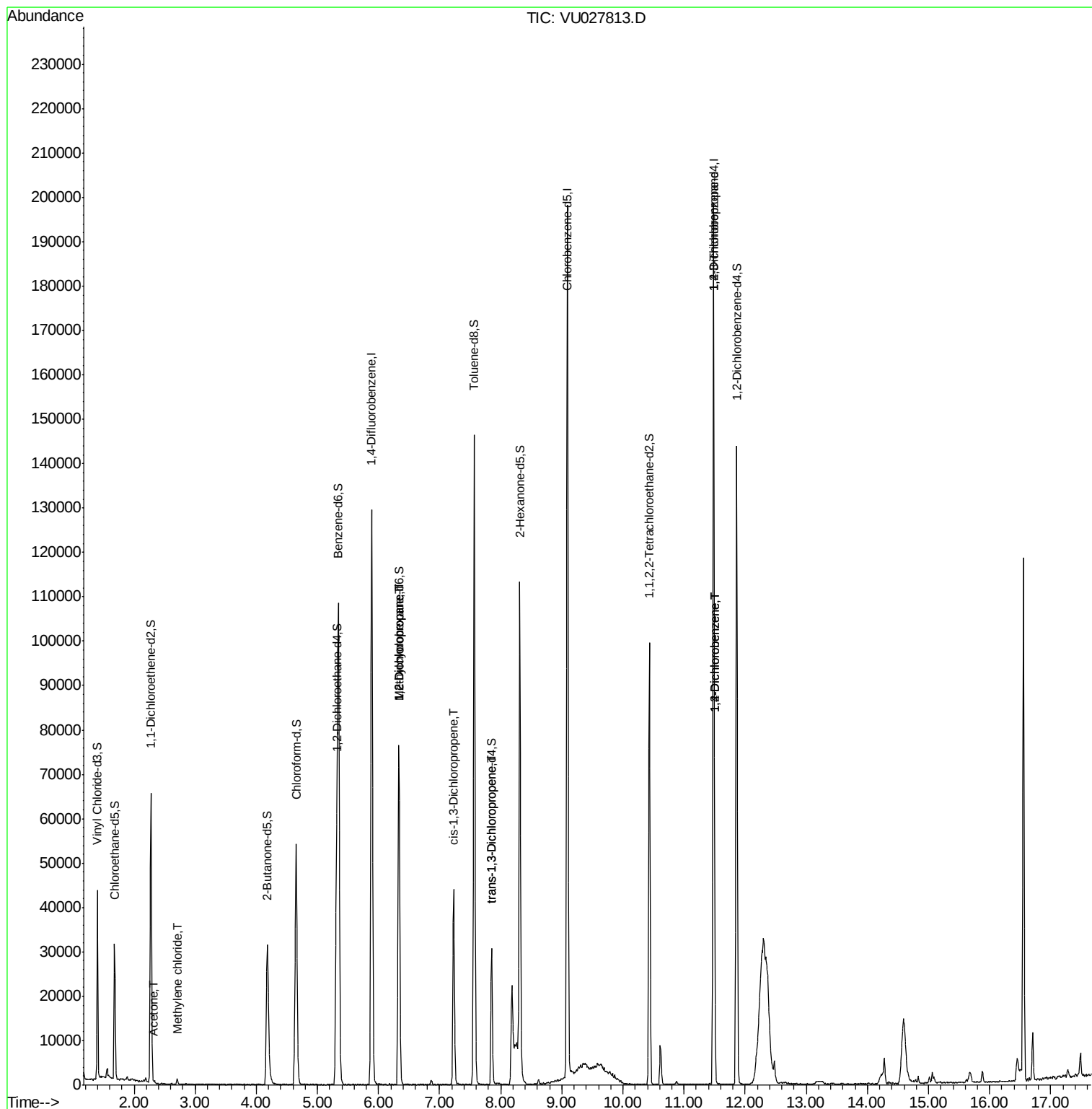
					Qvalue	
13) Acetone	2.32	43	385	0.821	ug/L #	46
16) Methylene chloride	2.70	84	408	0.584	ug/L #	71
35) Methylcyclohexane	6.33	83	7993	6.449	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	3879	4.586	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	991	0.761	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	844	0.685	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	6703	6.705	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	1576	1.091	ug/L	85
65) 1,2-Dichlorobenzene	11.51	146	1553	1.065	ug/L	88

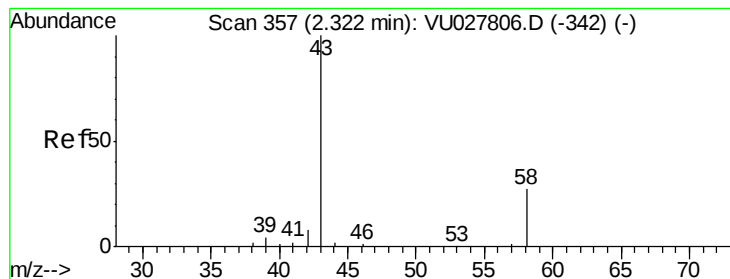
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.821 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027813.D

Acq: 25 Oct 2018 20:49

Instrument :

MSVOA_U

ClientSampleId :

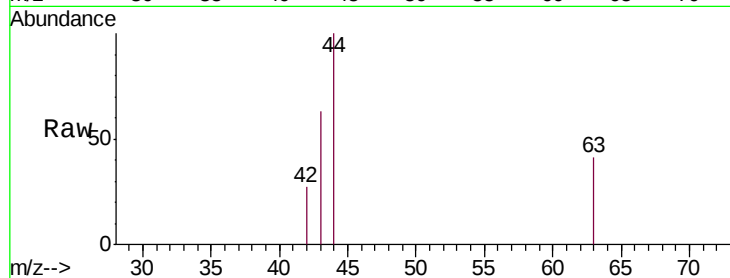
A40G4MEDL

Tgt Ion: 43 Resp: 385

Ion Ratio Lower Upper

43 100

58 0.0 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU027813.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU027813.D (-264) (-)

2.32

250

200

150

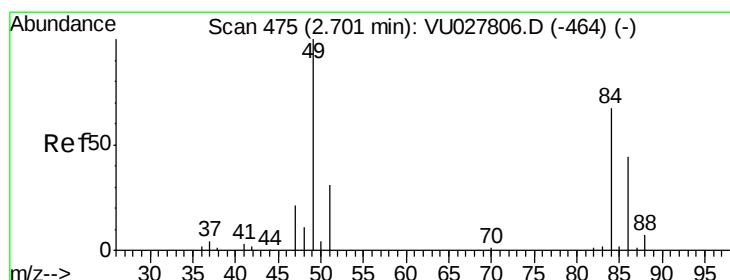
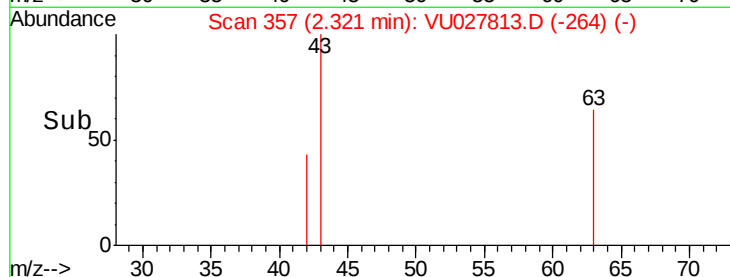
100

50

0

Time-->

2.30 2.32 2.34



#16

Methylene chloride

Concen: 0.584 ug/L

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027813.D

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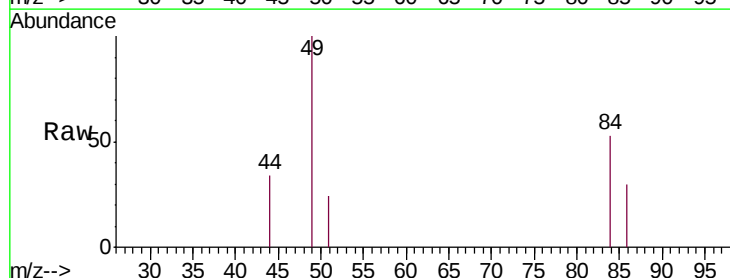
Tgt Ion: 84 Resp: 408

Ion Ratio Lower Upper

84 100

86 56.5 42.8 79.6

49 190.4 100.0 185.6#



Abundance Ion 84.00 (83.70 to 84.70): VU027813.D (-382) (-)

Ion 86.00 (85.70 to 86.70): VU027813.D (-382) (-)

Ion 49.00 (48.70 to 49.70): VU027813.D (-382) (-)

2.70

600

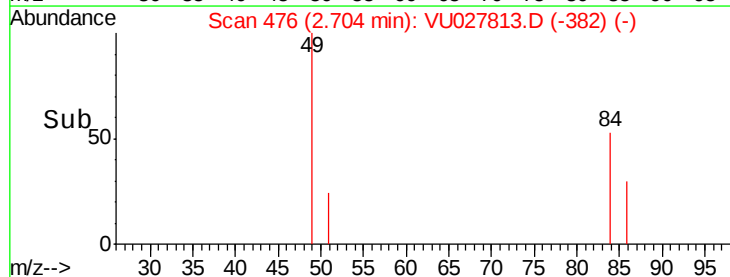
400

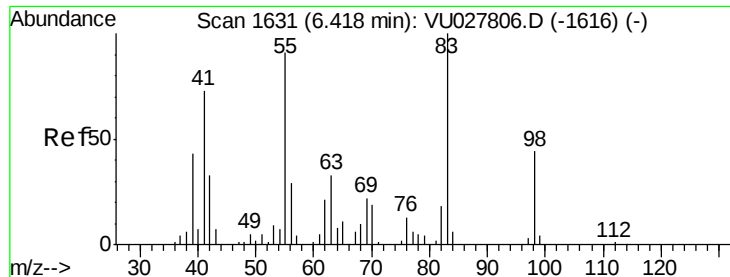
200

0

Time-->

2.68 2.70 2.72

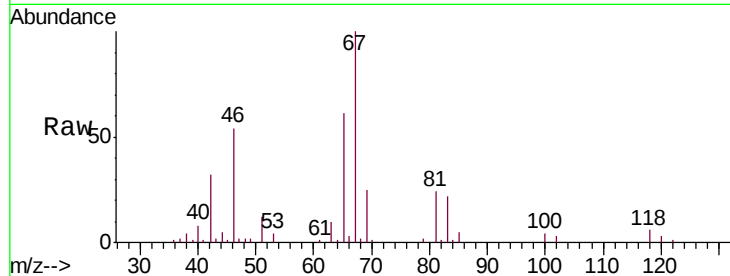




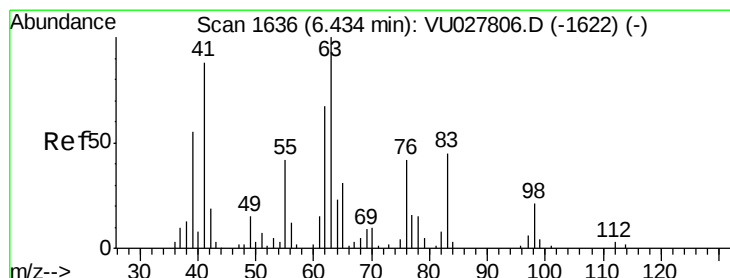
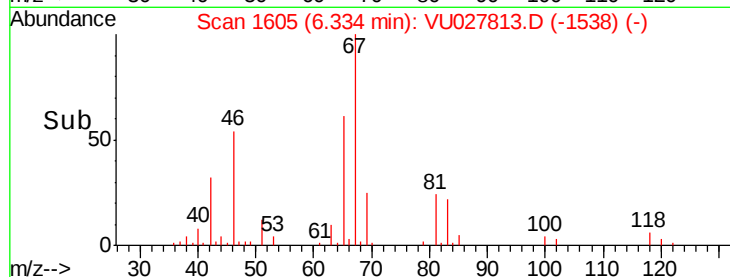
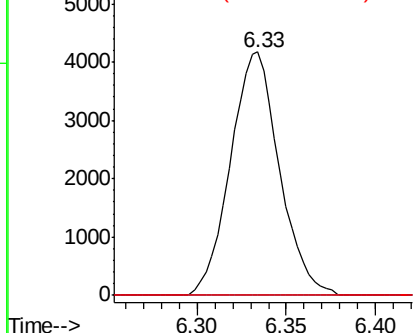
#35
Methylcyclohexane
Concen: 6.449 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027813.D
Acq: 25 Oct 2018 20:49

Instrument :
MSVOA_U
ClientSampleId :
A40G4MEDL

Tgt Ion: 83 Resp: 7993
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.0 34.6 52.0#

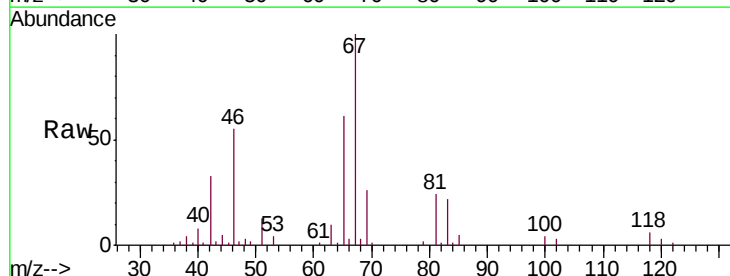


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

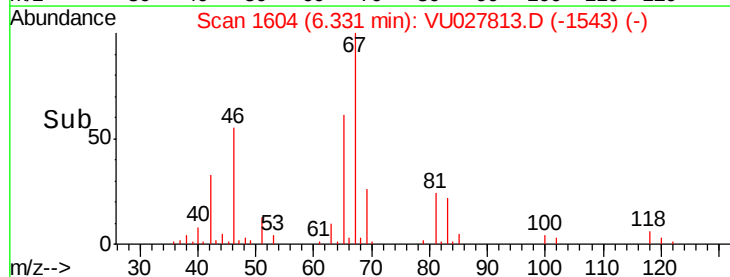
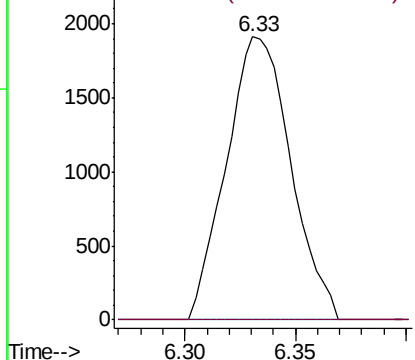


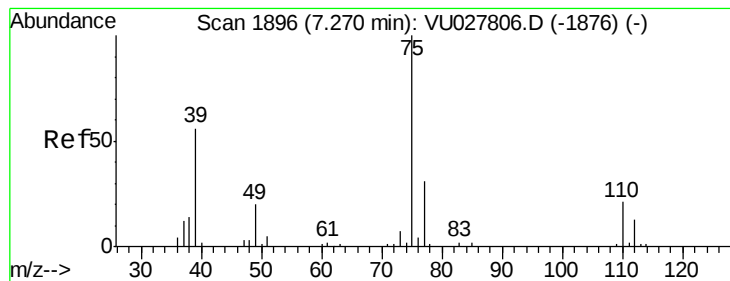
#37
1,2-Dichloropropane
Concen: 4.586 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027813.D
Acq: 25 Oct 2018 20:49

Tgt Ion: 63 Resp: 3879
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



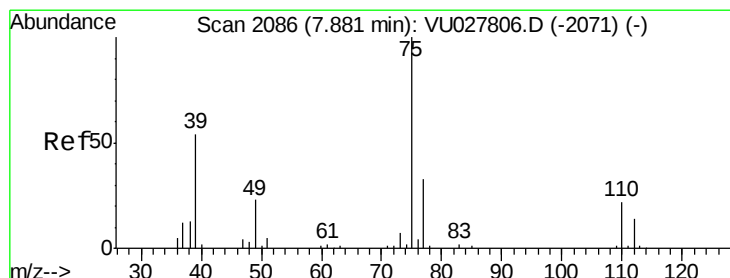
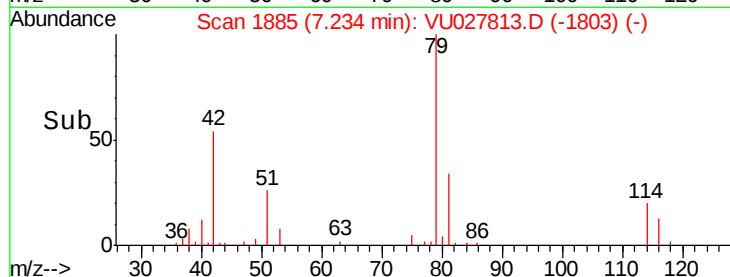
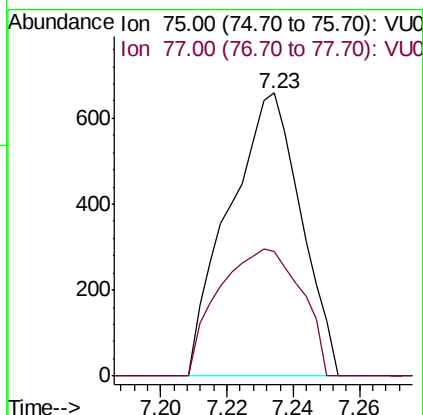
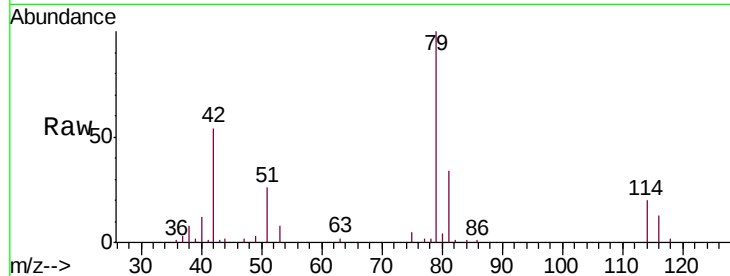


#39

cis-1,3-Dichloropropene
Concen: 0.761 ug/L
RT: 7.23 min Scan# 1885
Delta R.T. -0.04 min
Lab File: VU027813.D
Acq: 25 Oct 2018 20:49

Instrument :
MSVOA_U
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A40G4MEDL

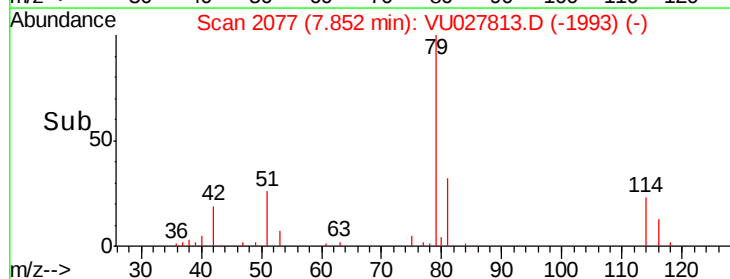
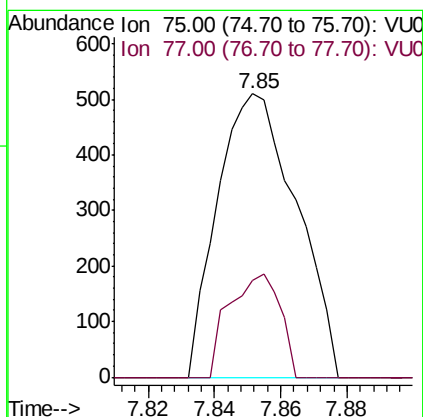
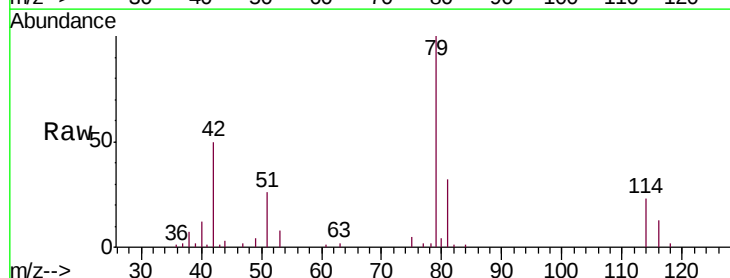
Tgt Ion: 75 Resp: 991
Ion Ratio Lower Upper
75 100
77 44.2 22.5 41.7#

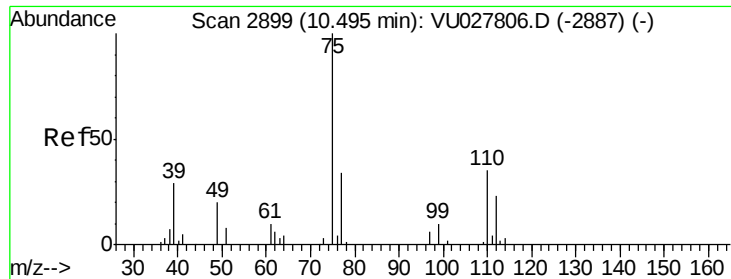


#44

trans-1,3-Dichloropropene
Concen: 0.685 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027813.D
Acq: 25 Oct 2018 20:49

Tgt Ion: 75 Resp: 844
Ion Ratio Lower Upper
75 100
77 34.3 22.8 42.4

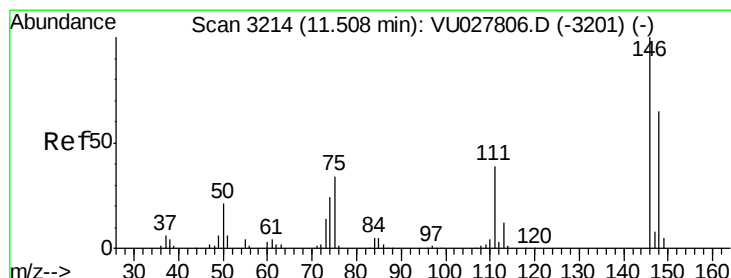
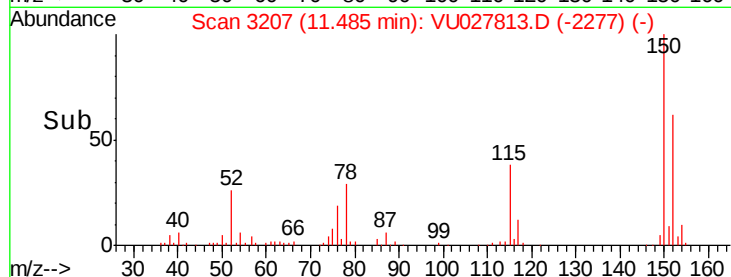
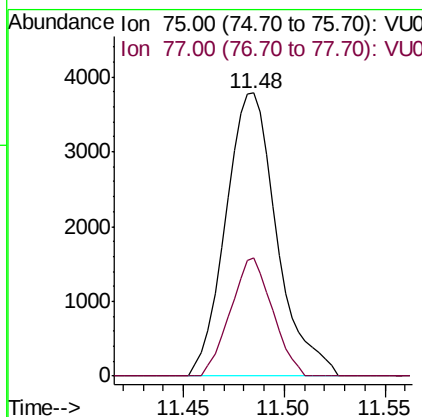
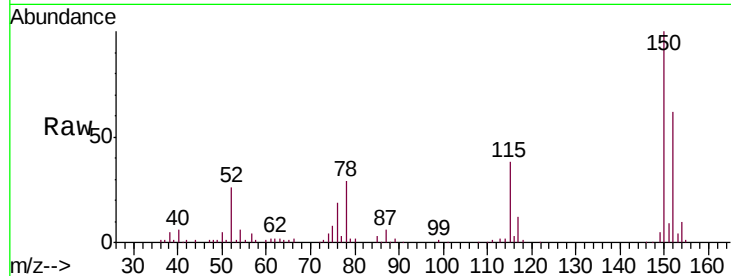




#59
 1,2,3-Trichloropropane
 Concen: 6.705 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027813.D
 Acq: 25 Oct 2018 20:49

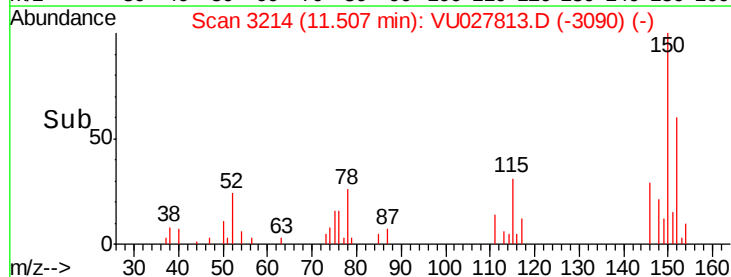
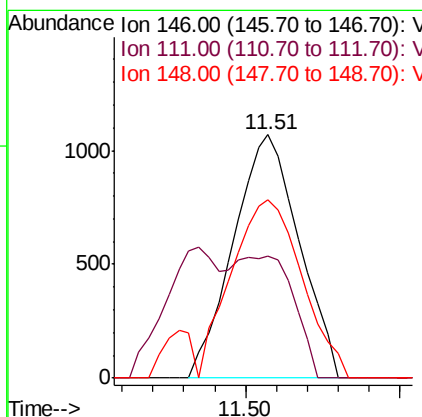
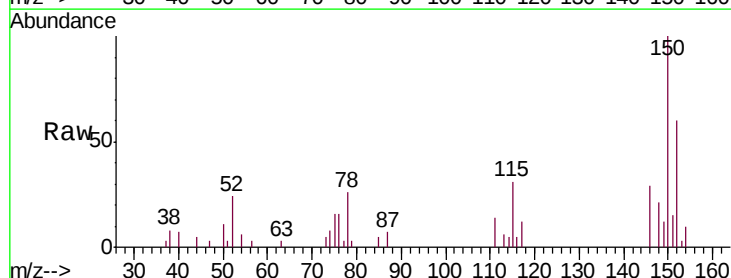
Instrument :
 MSVOA_U
 ClientSampleId :
 A40G4MEDL

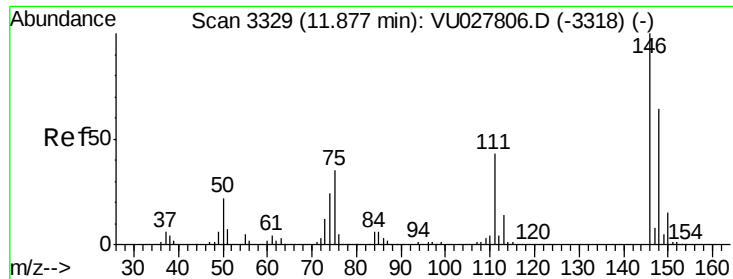
Tgt Ion: 75 Resp: 6703
 Ion Ratio Lower Upper
 75 100
 77 34.3 26.5 39.7



#63
 1,4-Dichlorobenzene
 Concen: 1.091 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027813.D
 Acq: 25 Oct 2018 20:49

Tgt Ion: 146 Resp: 1576
 Ion Ratio Lower Upper
 146 100
 111 49.9 27.5 51.1
 148 73.2 44.1 81.9

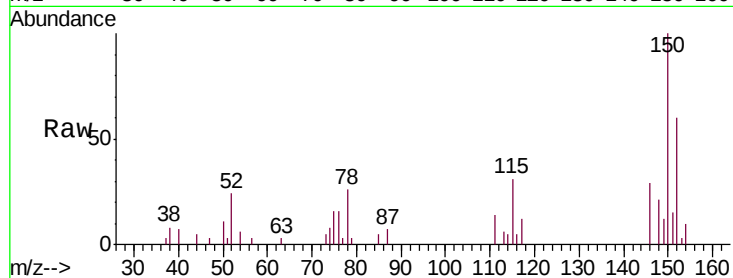




#65
 1,2-Dichlorobenzene
 Concen: 1.065 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.37 min
 Lab File: VU027813.D
 Acq: 25 Oct 2018 20:49

Instrument :
 MSVOA_U
 ClientSampleId :
 A40G4MEDL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.9	33.8	50.8
148	73.2	51.5	77.3



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

