

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082718\
 Data File : VU026392.D
 Acq On : 27 Aug 2018 12:27
 Operator : MD/SY
 Sample : J4622-01DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB44

Quant Time: Aug 27 14:54:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 13:46:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311916	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	313469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153651	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94562	49.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.40%
7) Chloroethane-d5	1.68	69	80638	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	2.27	63	146019	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.10%
21) 2-Butanone-d5	4.18	46	179959	118.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.52%
24) Chloroform-d	4.65	84	215141	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
26) 1,2-Dichloroethane-d4	5.31	65	144673	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
32) Benzene-d6	5.35	84	418371	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
36) 1,2-Dichloropropane-d6	6.33	67	135574	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.70%
41) Toluene-d8	7.57	98	379997	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
43) trans-1,3-Dichloropropene-	7.85	79	65847	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.31	63	135046	117.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	195833	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	169719	52.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.10%

Target Compounds

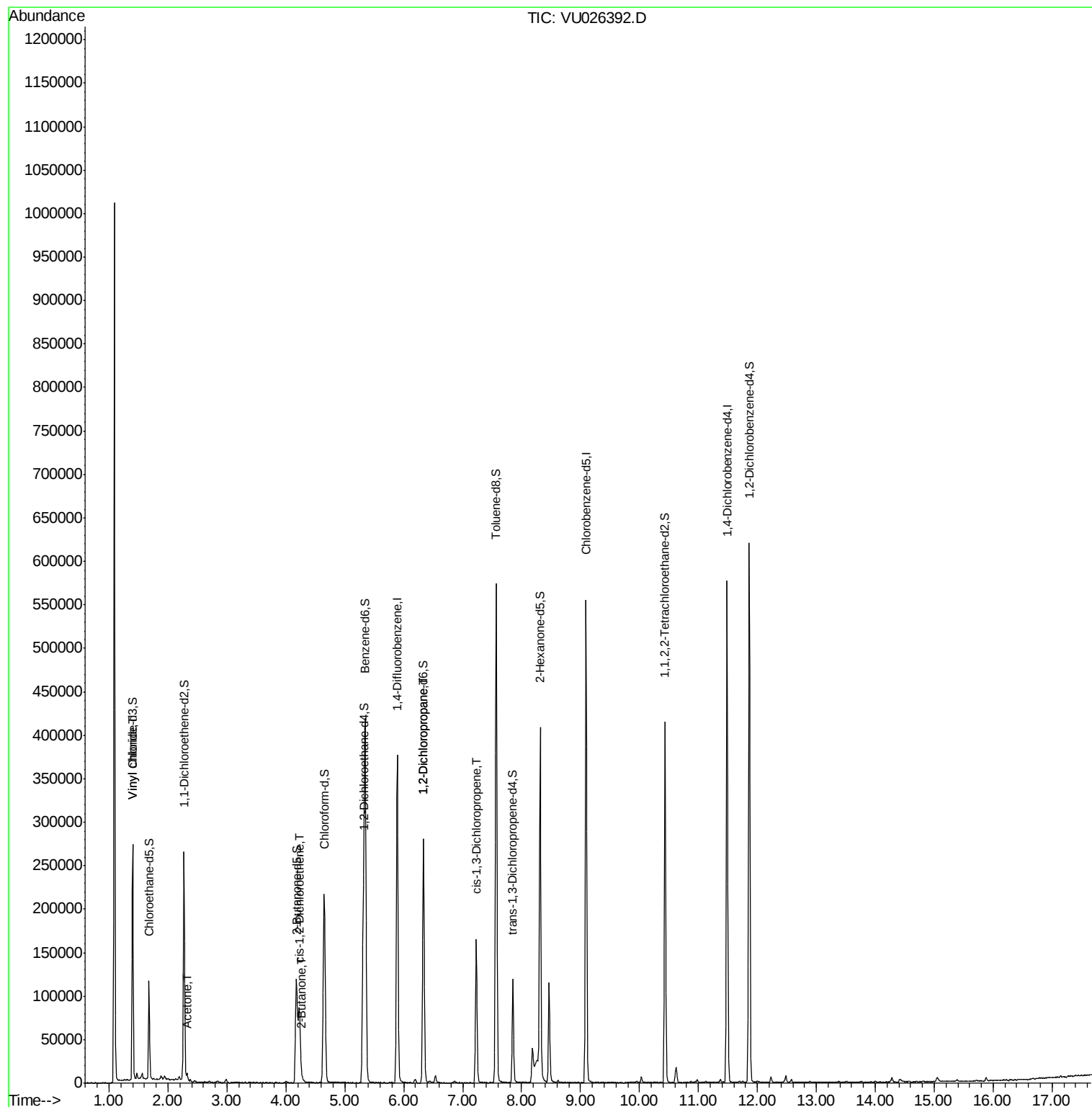
					Qvalue
5) Vinyl chloride	1.40	62	88960	39.101 ug/L	99
13) Acetone	2.32	43	7161	6.094 ug/L	89
20) cis-1,2-Dichloroethene	4.23	96	44093	19.741 ug/L	99
22) 2-Butanone	4.28	43	8945	5.689 ug/L	87
37) 1,2-Dichloropropane	6.33	63	15018	6.430 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	4535	1.278 ug/L #	73

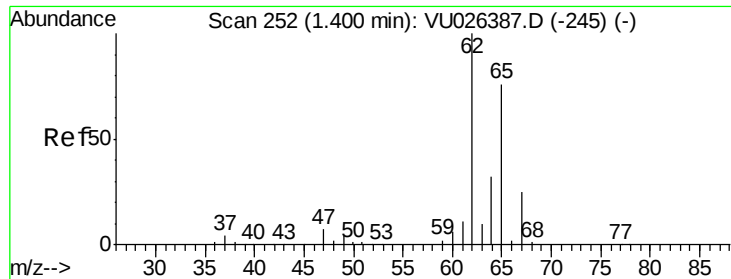
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 27 13:46:46 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 39.101 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026392.D

Acq: 27 Aug 2018 12:27

Instrument :

MSVOA_U

ClientSampleId :

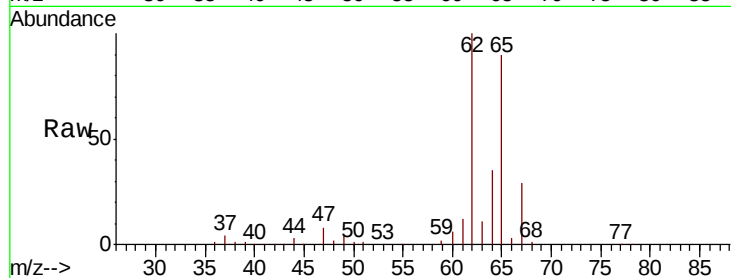
BFB44

Tgt Ion: 62 Resp: 88960

Ion Ratio Lower Upper

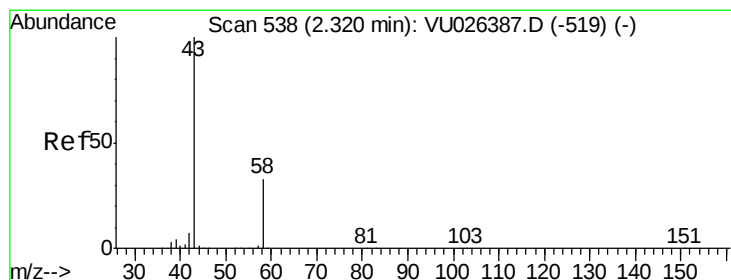
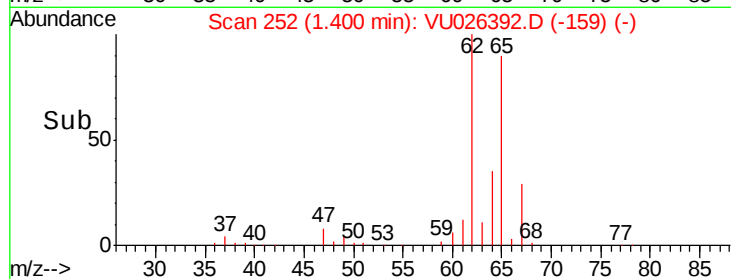
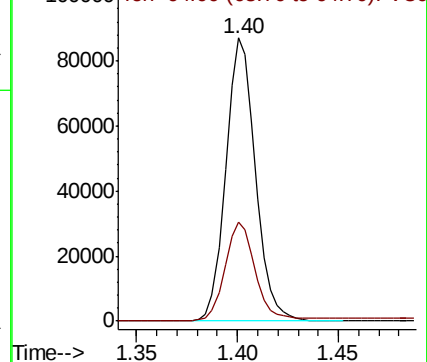
62 100

64 35.0 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 6.094 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026392.D

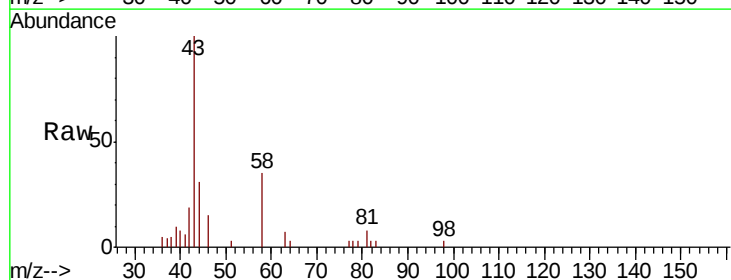
Acq: 27 Aug 2018 12:27

Tgt Ion: 43 Resp: 7161

Ion Ratio Lower Upper

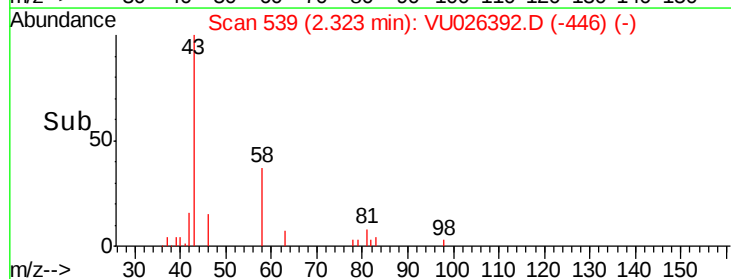
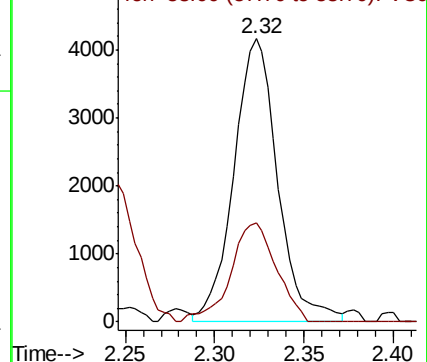
43 100

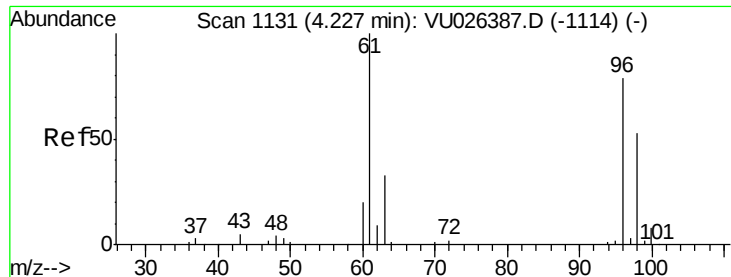
58 36.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

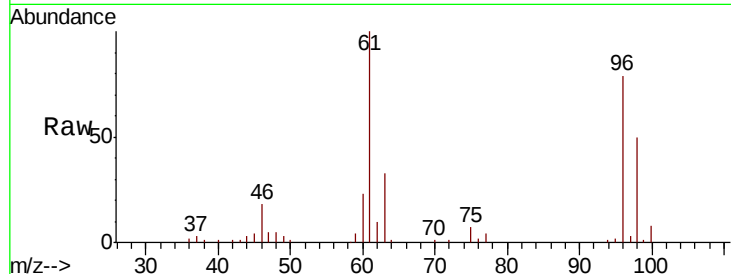




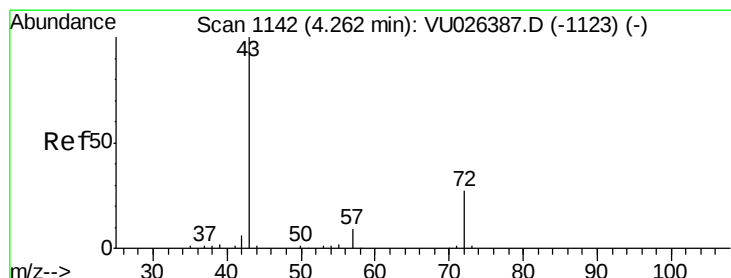
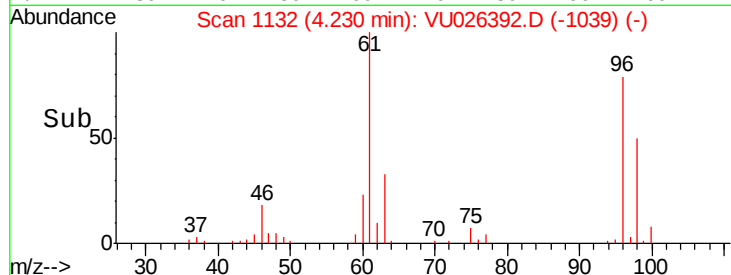
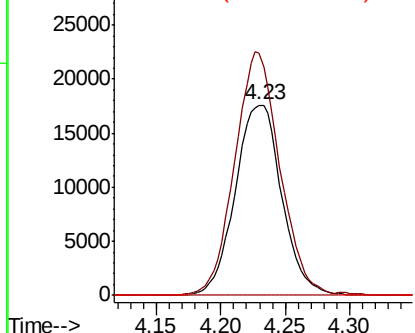
#20
 cis-1,2-Dichloroethene
 Concen: 19.741 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU026392.D
 Acq: 27 Aug 2018 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB44

Tgt Ion: 96 Resp: 44093
 Ion Ratio Lower Upper
 96 100
 61 127.3 90.3 167.7
 68 0.0 0.0 0.0

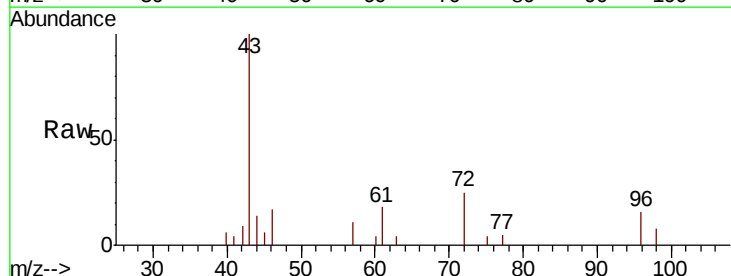


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

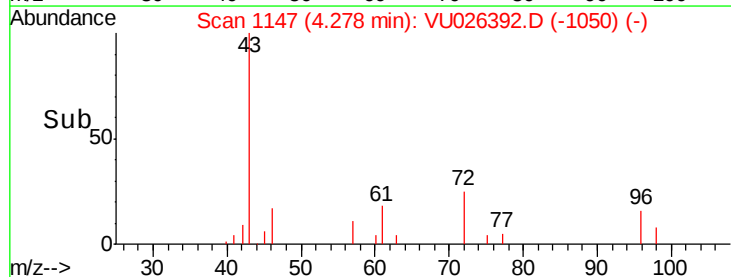
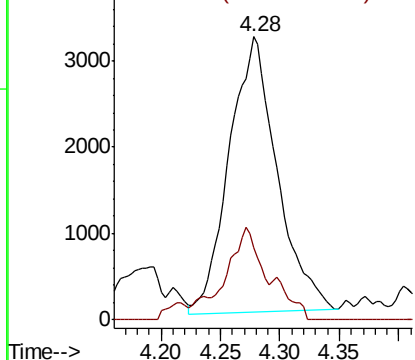


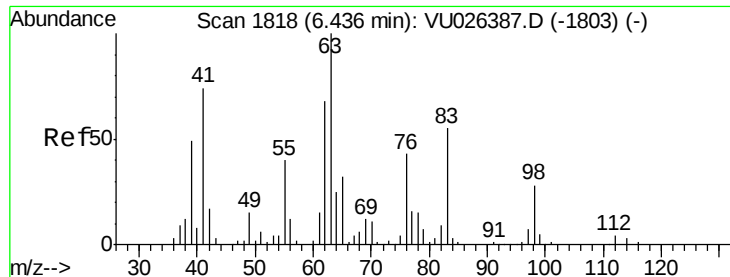
#22
 2-Butanone
 Concen: 5.689 ug/L
 RT: 4.28 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: VU026392.D
 Acq: 27 Aug 2018 12:27

Tgt Ion: 43 Resp: 8945
 Ion Ratio Lower Upper
 43 100
 72 21.4 14.1 42.3



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0





#37

1,2-Dichloropropane

Concen: 6.430 ug/L

RT: 6.33 min Scan# 1785

Delta R.T. -0.11 min

Lab File: VU026392.D

Acq: 27 Aug 2018 12:27

Instrument :

MSVOA_U

ClientSampleId :

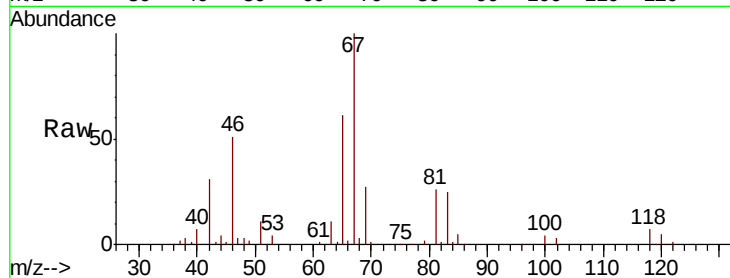
BFB44

Tgt Ion: 63 Resp: 15018

Ion Ratio Lower Upper

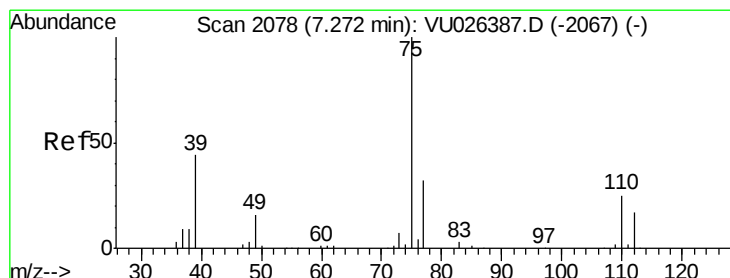
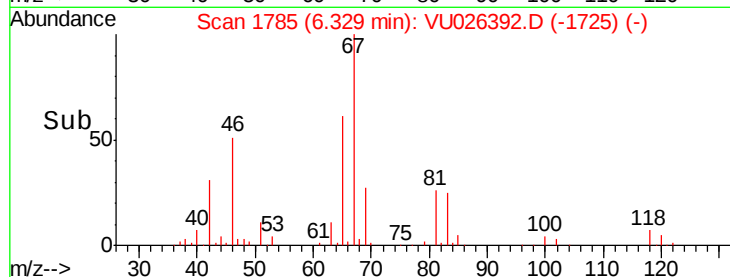
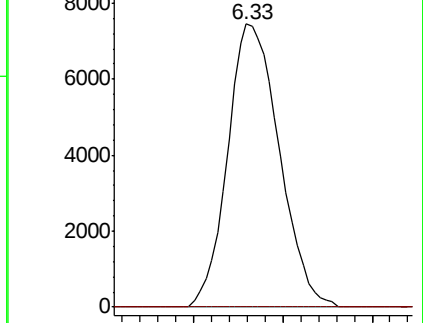
63 100

112 0.0 3.4 5.2#



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: 1.278 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU026392.D

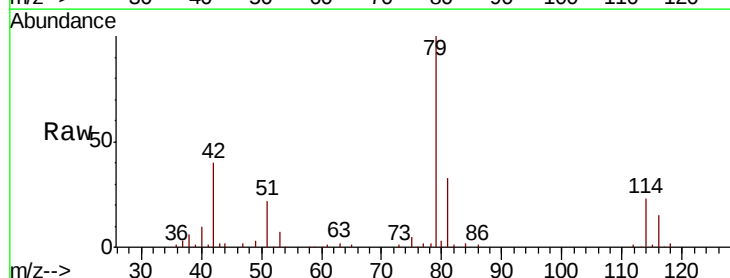
Acq: 27 Aug 2018 12:27

Tgt Ion: 75 Resp: 4535

Ion Ratio Lower Upper

75 100

77 46.5 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

