

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101818\
 Data File : VU027692.D
 Acq On : 18 Oct 2018 12:27
 Operator : MD/SY
 Sample : J5463-07DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB8DL

Quant Time: Oct 19 08:32:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	73645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	67049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	31175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23447	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.68	69	19185	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.28	63	34335	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.21	46	82333	49.48	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.96%
24) Chloroform-d	4.65	84	42201	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	24048	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.34	84	87692	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	31465	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.57	98	75359	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	11575	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.31	63	69776	50.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22725	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	27949	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

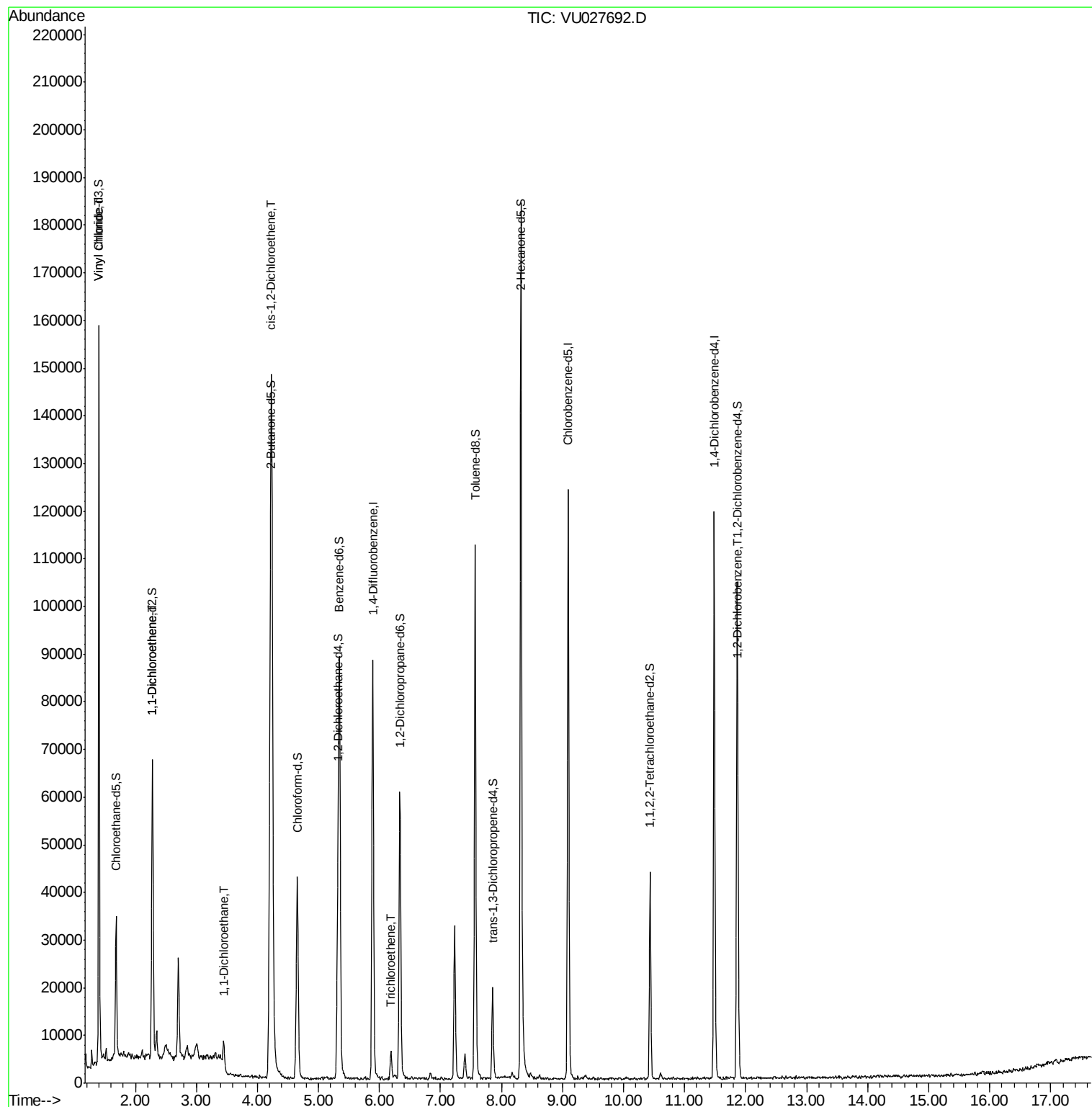
					Ovalue
5) Vinyl chloride	1.40	62	85267	11.865	ug/L 100
12) 1,1-Dichloroethene	2.29	96	6487	1.302	ug/L # 46
19) 1,1-Dichloroethane	3.45	63	6886	0.653	ug/L 91
22) cis-1,2-Dichloroethene	4.23	96	62379	10.637	ug/L # 93
34) Trichloroethene	6.19	95	2247	0.396	ug/L 91
65) 1,2-Dichlorobenzene	11.88	146	5777	0.581	ug/L 95

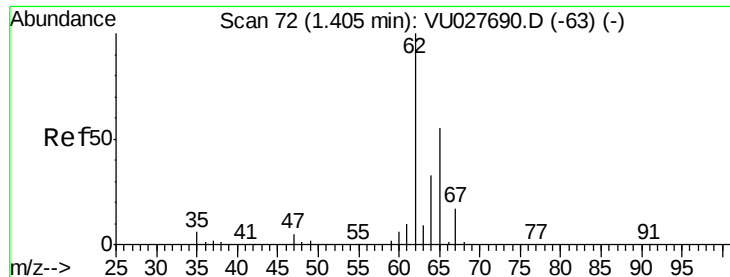
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 19 08:11:17 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.865 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027692.D

Acq: 18 Oct 2018 12:27

Instrument :

MSVOA_U

ClientSampleId :

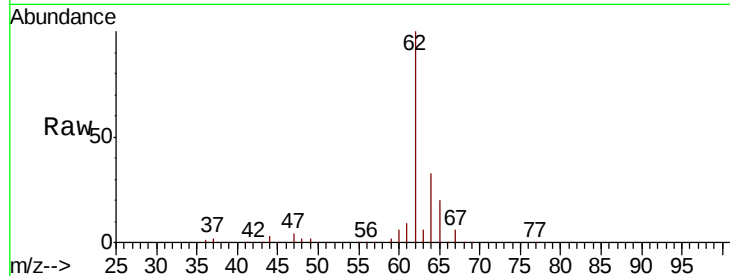
C0JB8DL

Tot Ion: 62 Resp: 85267

Ion Ratio Lower Upper

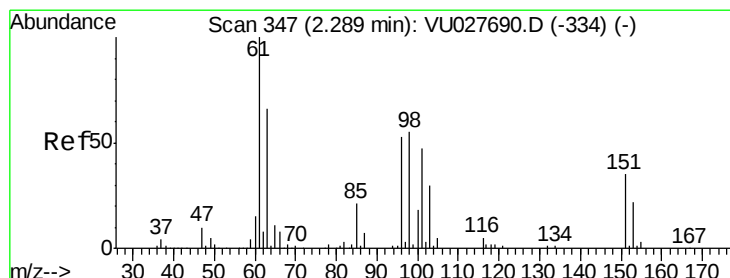
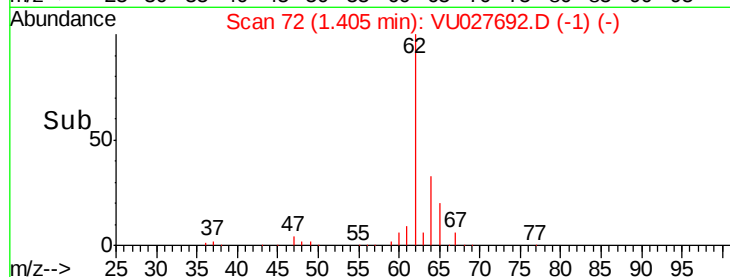
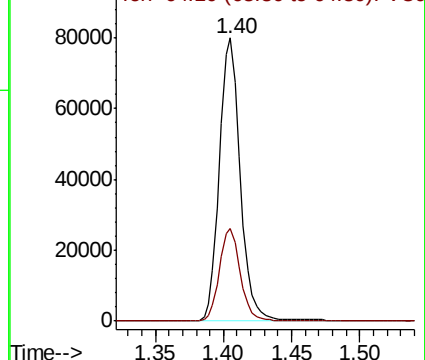
62 100

64 32.8 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#12

1,1-Dichloroethene

Concen: 1.302 ug/L

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027692.D

Acq: 18 Oct 2018 12:27

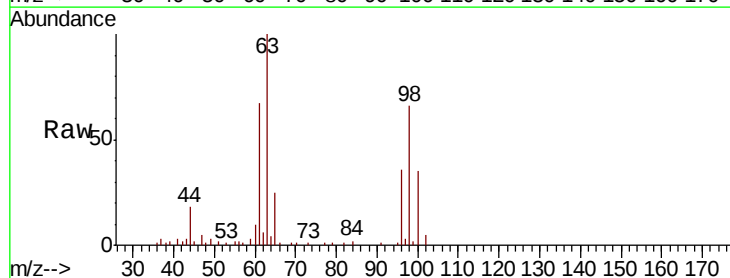
Tgt Ion: 96 Resp: 6487

Ion Ratio Lower Upper

96 100

61 186.8 125.6 233.2

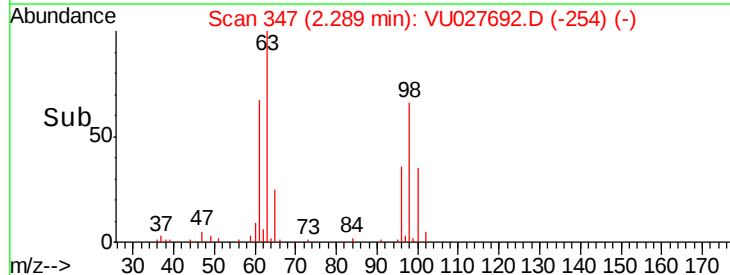
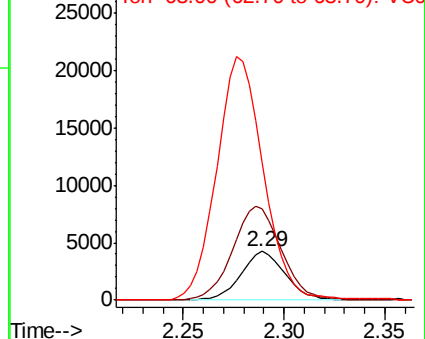
63 280.8 97.6 181.2#

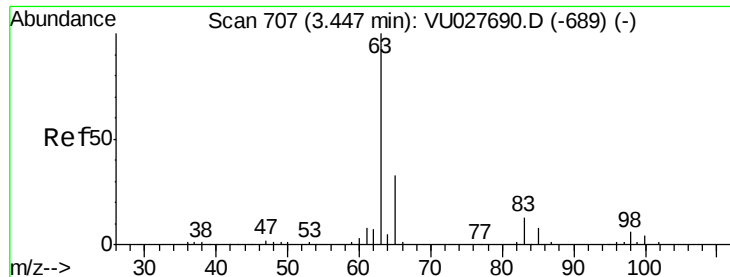


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

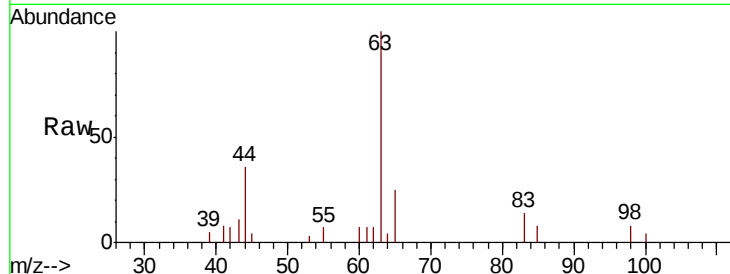




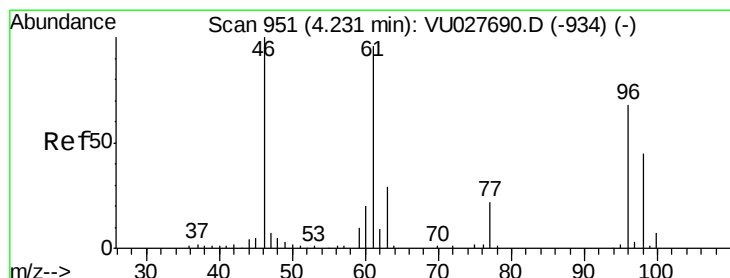
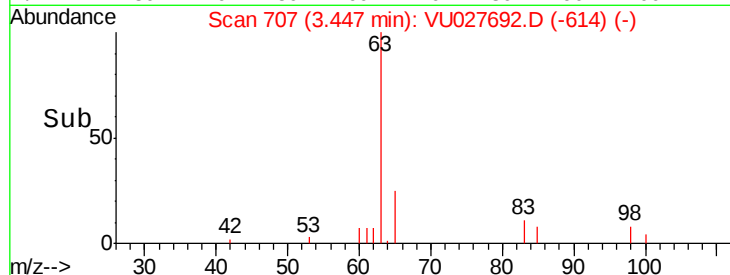
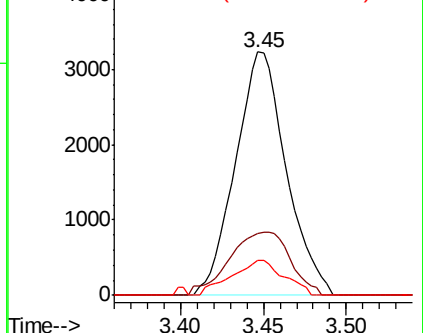
#19
 1,1-Dichloroethane
 Concen: 0.653 ug/L
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027692.D
 Acq: 18 Oct 2018 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB8DL

Tot Ion: 63 Resp: 6886
 Ion Ratio Lower Upper
 63 100
 65 25.2 22.3 41.3
 83 14.4 9.7 17.9

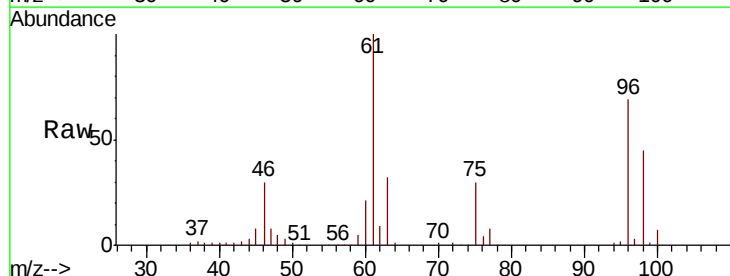


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

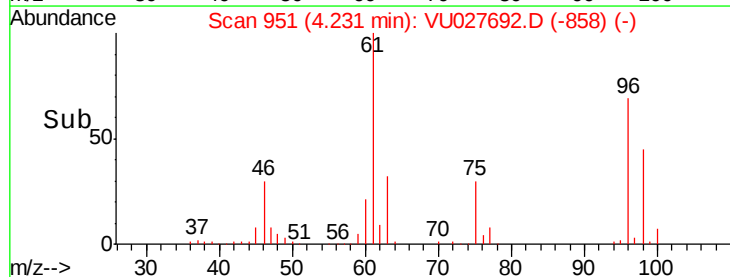
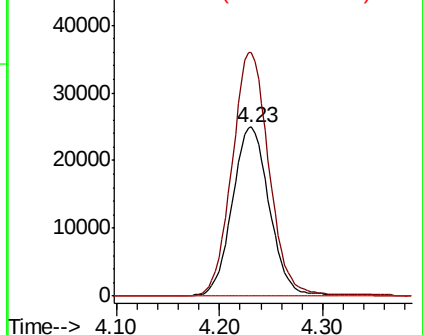


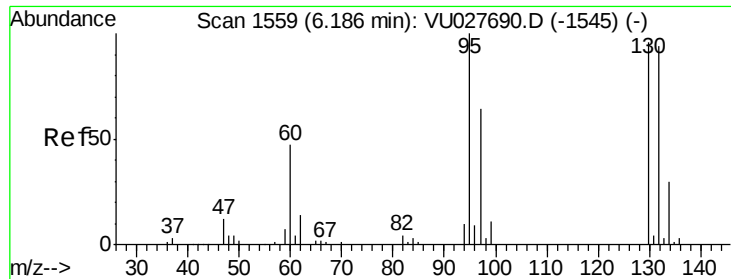
#22
 cis-1,2-Dichloroethene
 Concen: 10.637 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027692.D
 Acq: 18 Oct 2018 12:27

Tgt Ion: 96 Resp: 62379
 Ion Ratio Lower Upper
 96 100
 61 144.1 95.3 176.9
 68 0.0 1.1 2.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.396 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027692.D

Acq: 18 Oct 2018 12:27

Instrument :

MSVOA_U

ClientSampleId :

C0JB8DL

Tot Ion: 95 Resp: 2247

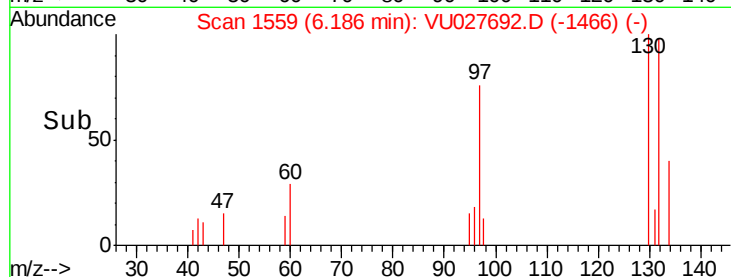
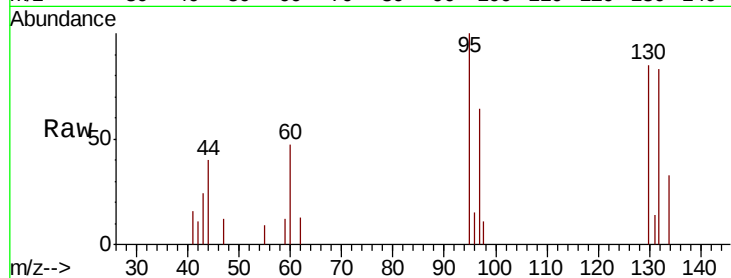
Ion Ratio Lower Upper

95 100

97 64.2 44.7 83.1

132 82.6 65.9 122.5

130 84.5 67.9 126.1

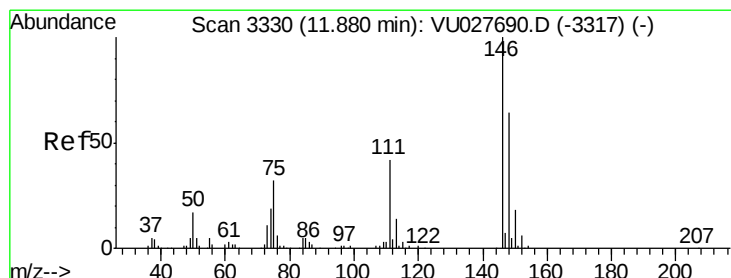
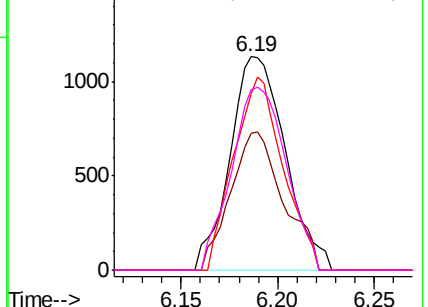


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#65

1,2-Dichlorobenzene

Concen: 0.581 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027692.D

Acq: 18 Oct 2018 12:27

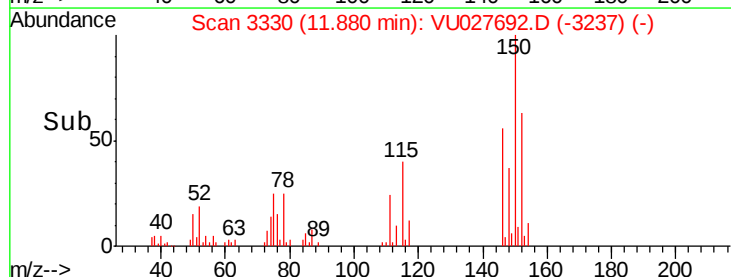
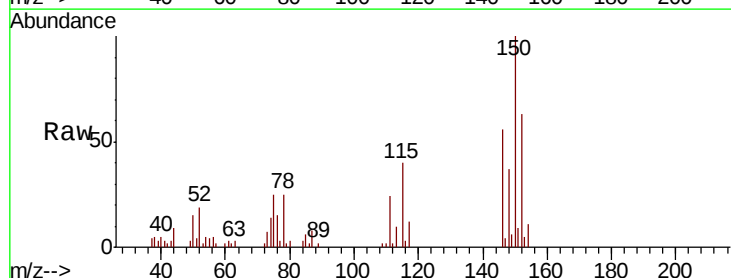
Tgt Ion: 146 Resp: 5777

Ion Ratio Lower Upper

146 100

111 42.9 31.7 47.5

148 66.7 50.6 75.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

