

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100818\
 Data File : VU027491.D
 Acq On : 08 Oct 2018 11:46
 Operator : MD/SY
 Sample : J5250-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0908DL

Quant Time: Oct 09 08:57:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 04:55:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	206324	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	194022	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65167	40.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.26%
7) Chloroethane-d5	1.68	69	54642	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.36%
11) 1,1-Dichloroethene-d2	2.27	63	90710	29.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.56%#
21) 2-Butanone-d5	4.18	46	135639	103.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.48%
24) Chloroform-d	4.65	84	123111	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.31	65	86421	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
32) Benzene-d6	5.34	84	250693	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
36) 1,2-Dichloropropane-d6	6.33	67	89923	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.57	98	212795	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.85	79	40389	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.02%
47) 2-Hexanone-d5	8.31	63	93694	97.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117929	47.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	82107	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%

Target Compounds

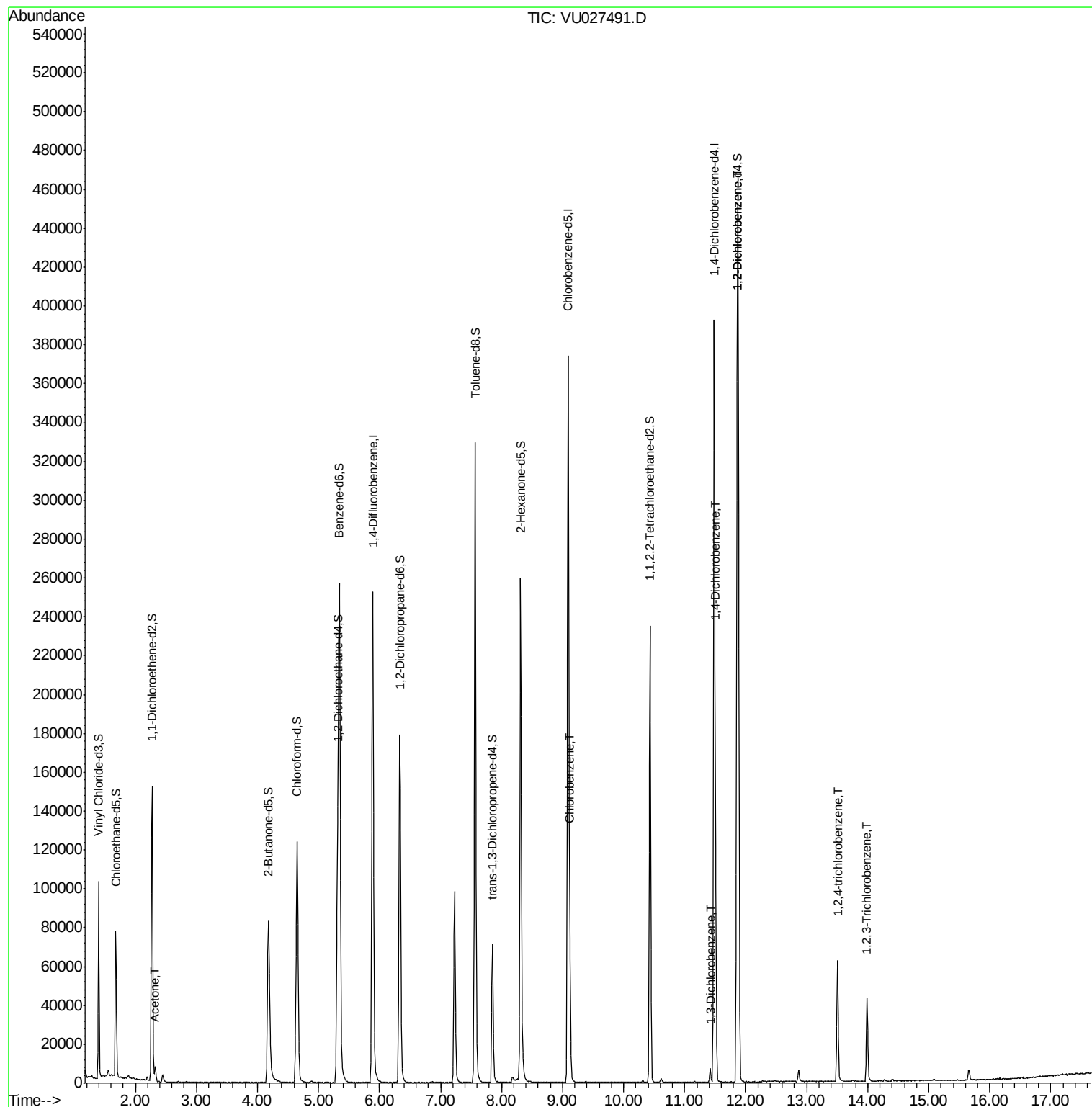
					Ovalue
13) Acetone	2.32	43	5963	5.546	ug/L 99
51) Chlorobenzene	9.12	112	29775	7.362	ug/L 96
62) 1,3-Dichlorobenzene	11.42	146	3036	1.059	ug/L 96
63) 1,4-Dichlorobenzene	11.51	146	32429	10.844	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	130673	44.776	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	20396	10.013	ug/L 98
70) 1,2,3-Trichlorobenzene	13.99	180	13864	6.693	ug/L 99

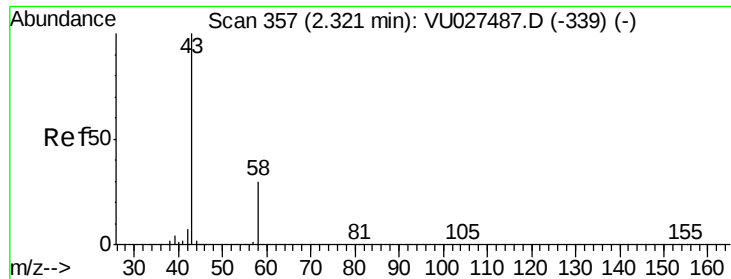
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100818\
Data File : VU027491.D
Acq On : 08 Oct 2018 11:46
Operator : MD/SY
Sample : J5250-01DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0908DL

Quant Time: Oct 09 08:57:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.546 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027491.D

Acq: 08 Oct 2018 11:46

Instrument :

MSVOA_U

ClientSampleId :

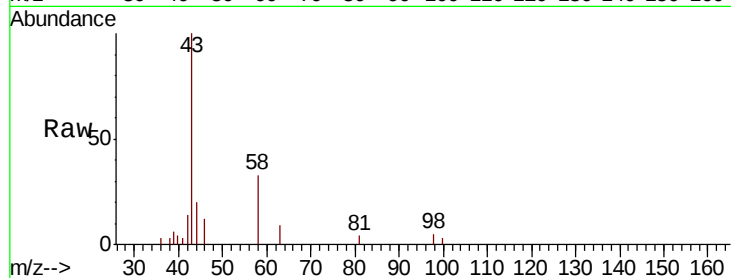
C0908DL

Tot Ion: 43 Resp: 5963

Ion Ratio Lower Upper

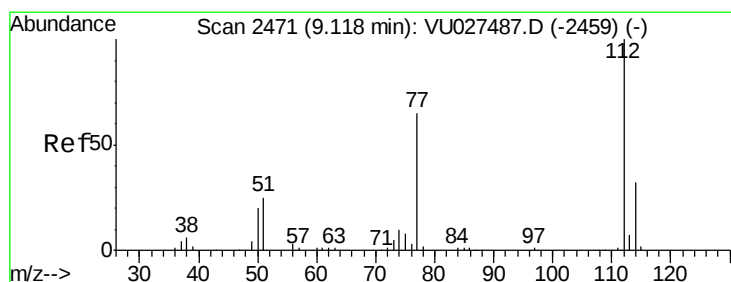
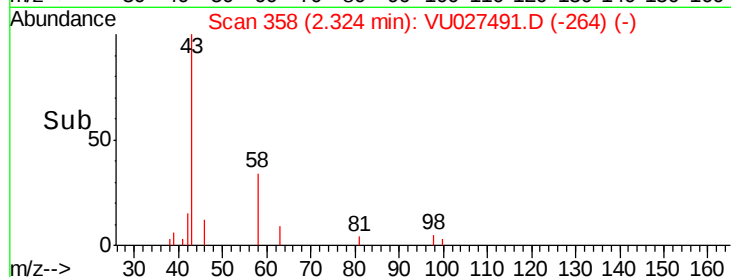
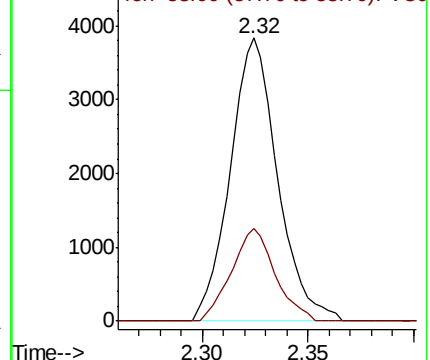
43 100

58 30.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#51

Chlorobenzene

Concen: 7.362 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU027491.D

Acq: 08 Oct 2018 11:46

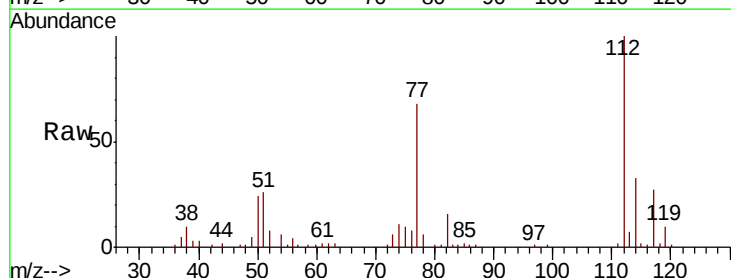
Tgt Ion: 112 Resp: 29775

Ion Ratio Lower Upper

112 100

114 33.3 22.3 41.5

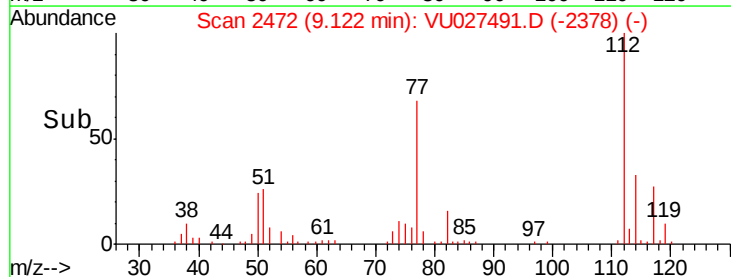
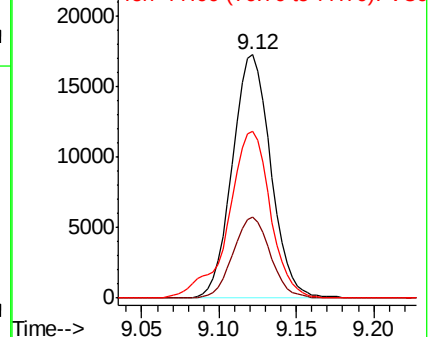
77 68.4 51.7 77.5

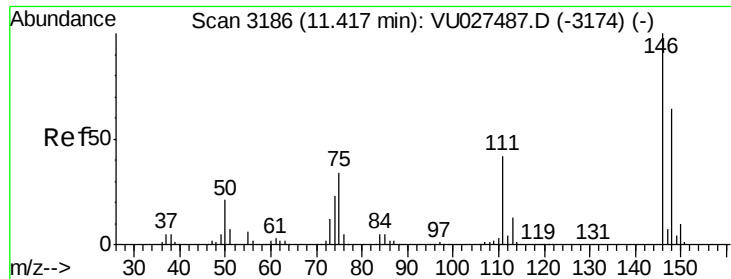


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

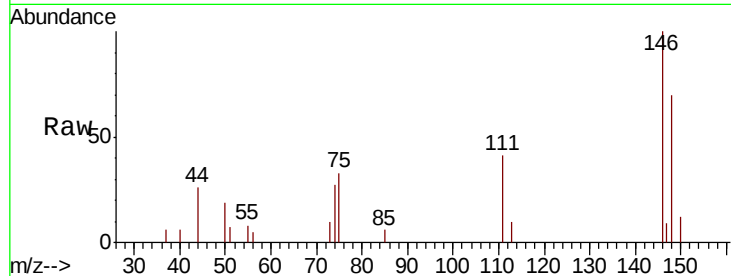




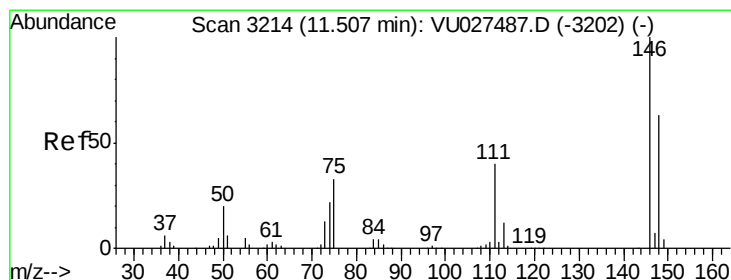
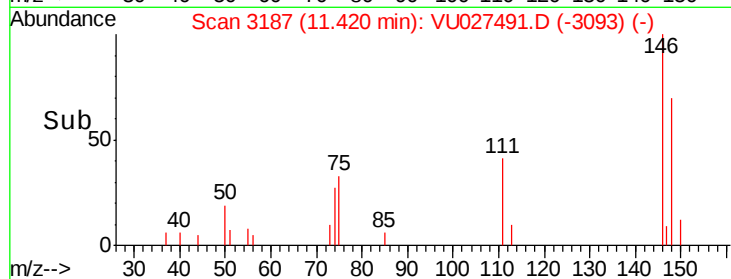
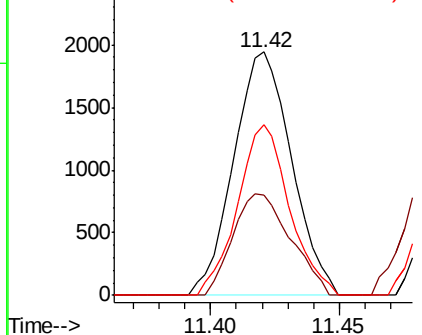
#62
 1,3-Dichlorobenzene
 Concen: 1.059 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027491.D
 Acq: 08 Oct 2018 11:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0908DL

Tot Ion:146 Resp: 3036
 Ion Ratio Lower Upper
 146 100
 111 41.4 29.0 53.8
 148 70.0 45.4 84.2

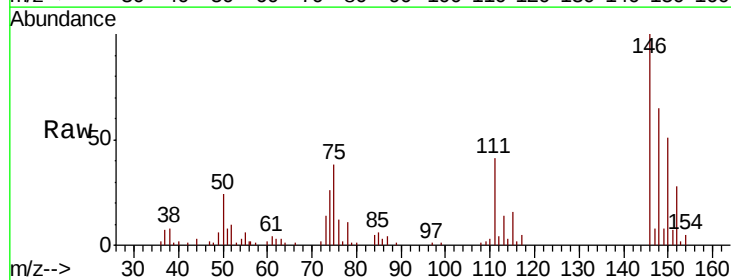


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

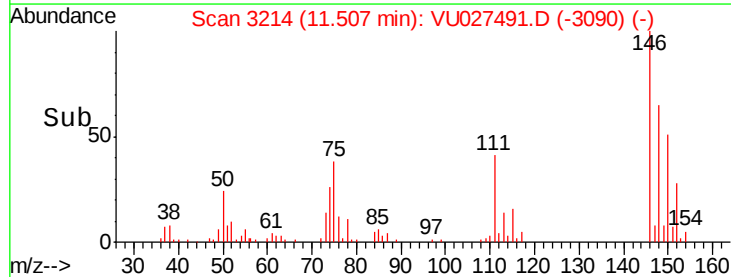
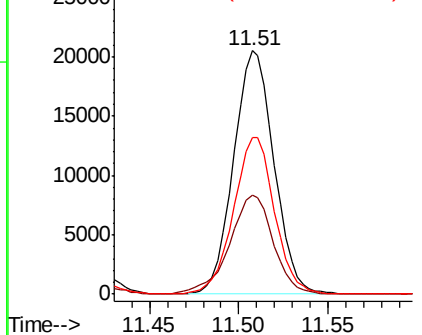


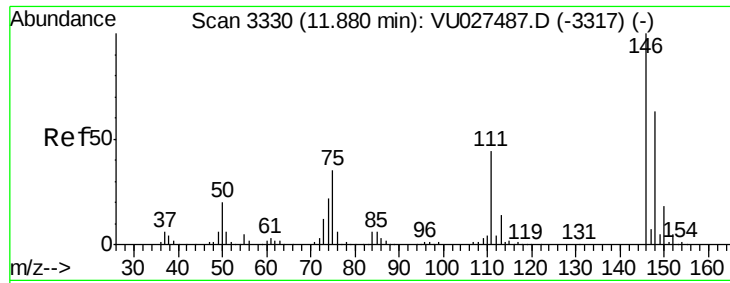
#63
 1,4-Dichlorobenzene
 Concen: 10.844 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027491.D
 Acq: 08 Oct 2018 11:46

Tgt Ion:146 Resp: 32429
 Ion Ratio Lower Upper
 146 100
 111 40.6 28.1 52.1
 148 64.5 44.4 82.5



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





#65

1,2-Dichlorobenzene

Concen: 44.776 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027491.D

Acq: 08 Oct 2018 11:46

Instrument :

MSVOA_U

ClientSampled :

C0908DL

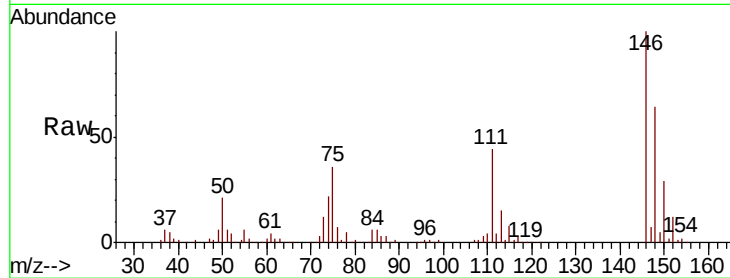
Tot Ion:146 Resp: 130673

Ion Ratio Lower Upper

146 100

111 44.3 34.9 52.3

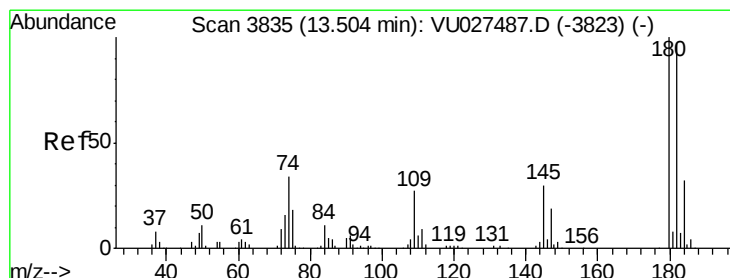
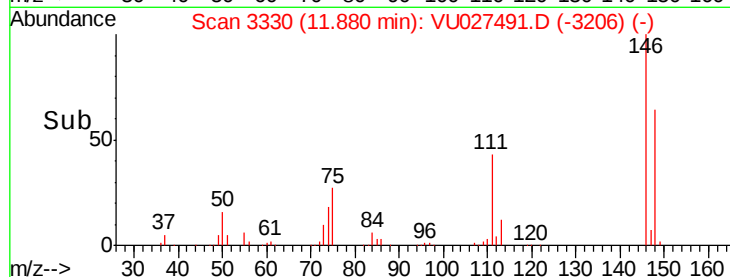
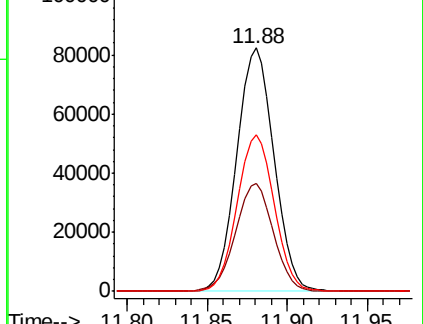
148 64.2 51.6 77.4



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



#68

1,2,4-trichlorobenzene

Concen: 10.013 ug/L

RT: 13.50 min Scan# 3835

Delta R.T. 0.00 min

Lab File: VU027491.D

Acq: 08 Oct 2018 11:46

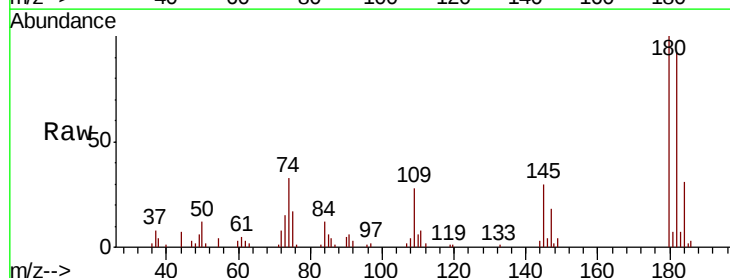
Tgt Ion:180 Resp: 20396

Ion Ratio Lower Upper

180 100

182 94.0 76.3 114.5

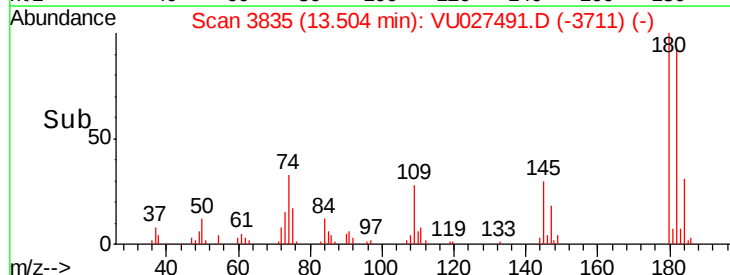
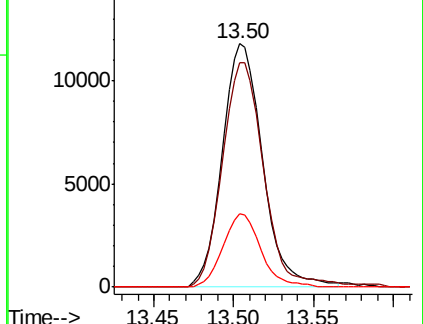
145 28.2 24.2 36.2

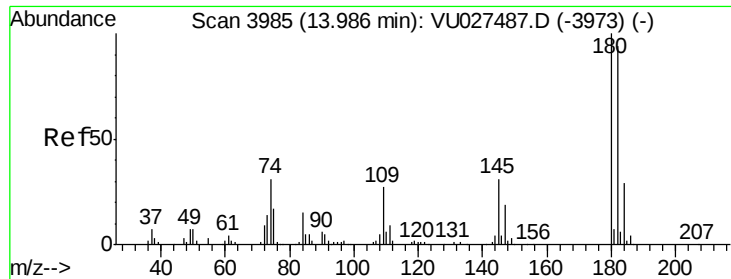


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

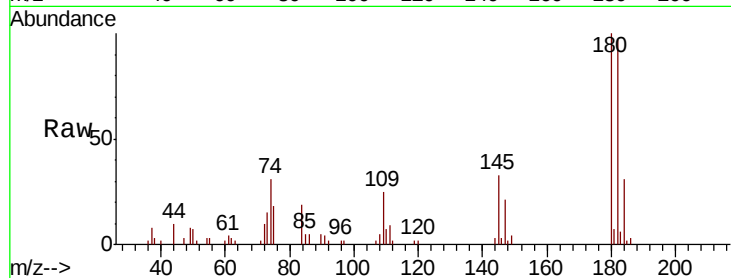




#70
 1,2,3-Trichlorobenzene
 Concen: 6.693 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027491.D
 Acq: 08 Oct 2018 11:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0908DL

Tot Ion	180	Resp	13864
Ion Ratio	Lower	Upper	
180	100		
182	97.9	77.4	116.0
145	31.4	25.5	38.3



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

