

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026762.D
 Acq On : 14 Sep 2018 13:40
 Operator : MD/SY
 Sample : J4893-05DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K6DL

Quant Time: Sep 15 01:37:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 15 00:18:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164382	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54709	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.32%
7) Chloroethane-d5	1.68	69	45580	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.34%
11) 1,1-Dichloroethene-d2	2.27	63	76141	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	4.18	46	79940	104.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.87%
24) Chloroform-d	4.65	84	93427	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
26) 1,2-Dichloroethane-d4	5.31	65	63495	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.34	84	189365	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.33	67	66391	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.57	98	164639	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%
43) trans-1,3-Dichloropropene-	7.85	79	27503	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.31	63	54246	99.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85938	47.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	64226	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%

Target Compounds

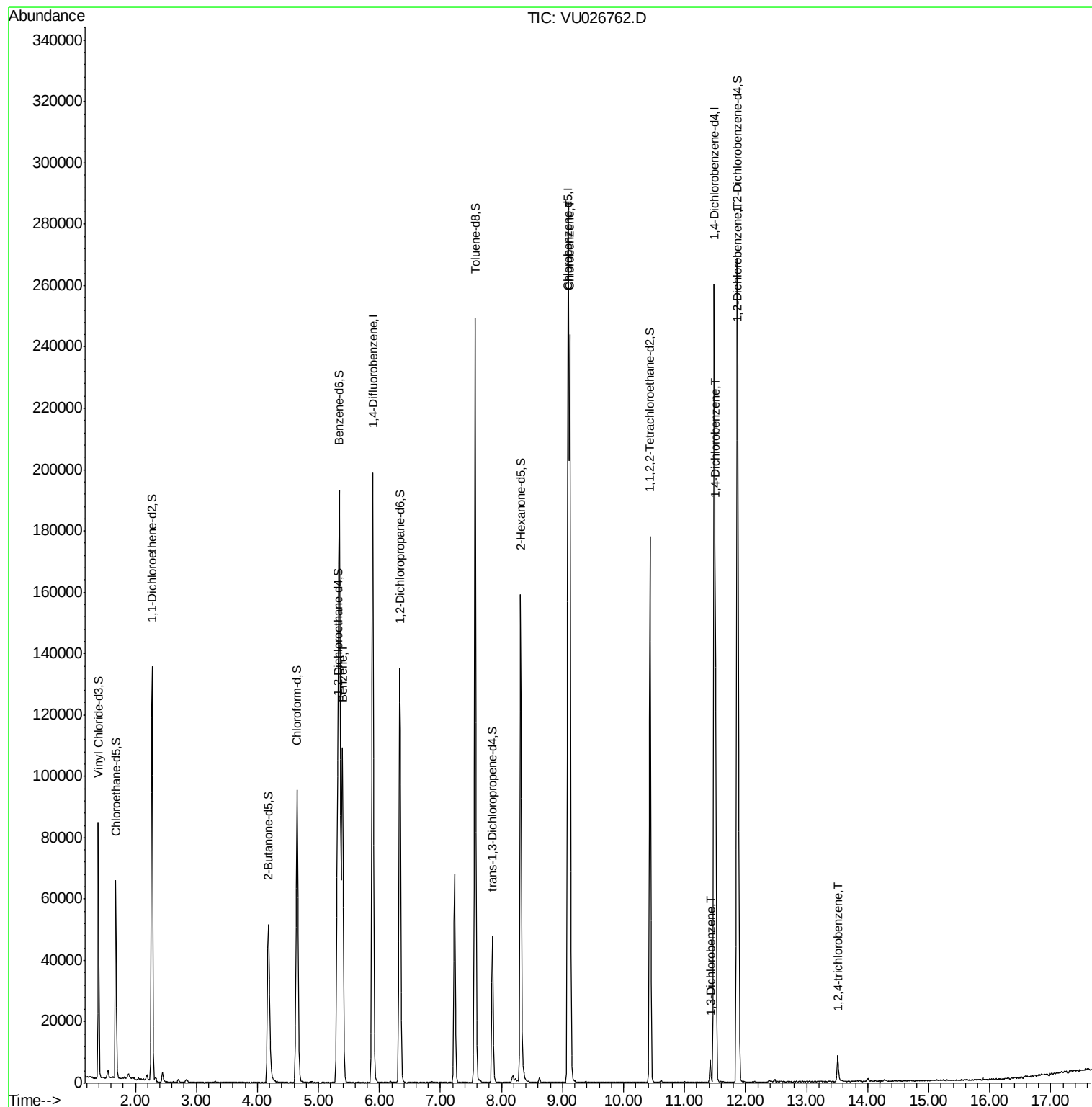
					Ovalue
33) Benzene	5.39	78	106310	24.724	ug/L 100
51) Chlorobenzene	9.12	112	124158	42.429	ug/L 98
62) 1,3-Dichlorobenzene	11.42	146	3331	1.781	ug/L 98
63) 1,4-Dichlorobenzene	11.51	146	45359	22.895	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	48606	24.591	ug/L 98
68) 1,2,4-trichlorobenzene	13.51	180	4118	3.194	ug/L # 93

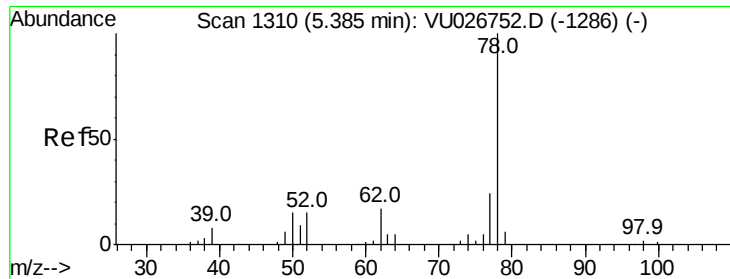
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration





#33

Benzene

Concen: 24.724 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

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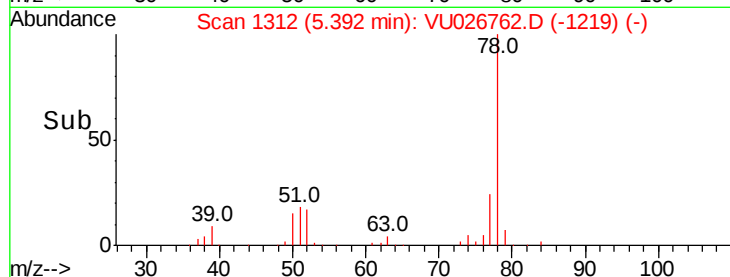
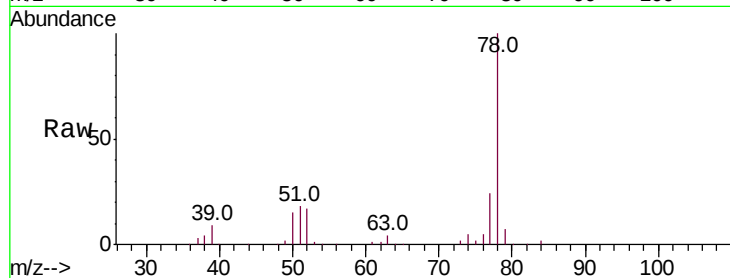
Instrument :

MSVOA_U

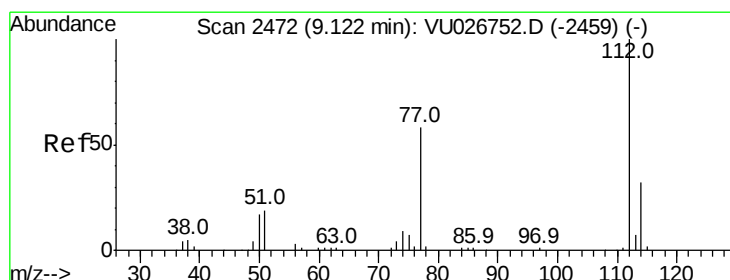
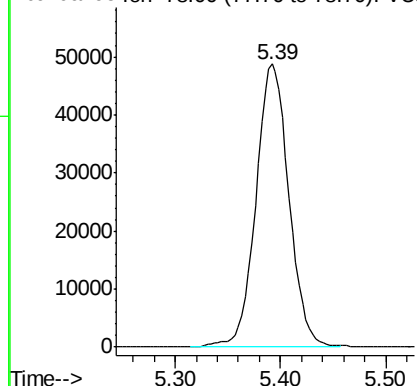
ClientSampleId :

C08K6DL

Tgt Ion: 78 Resp: 106310



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 42.429 ug/L

RT: 9.12 min Scan# 2472

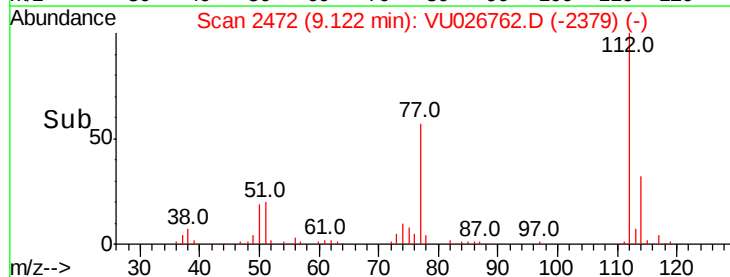
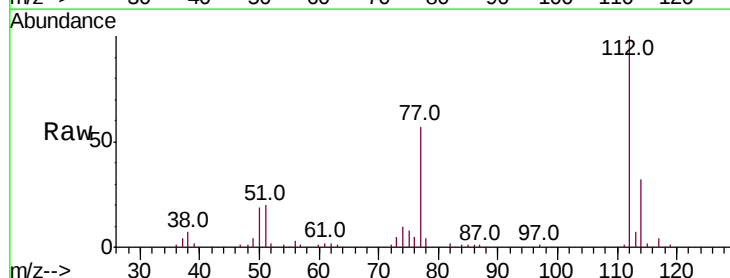
Delta R.T. -0.00 min

Lab File: VU026762.D

Acq: 14 Sep 2018 13:40

Tgt Ion: 112 Resp: 124158

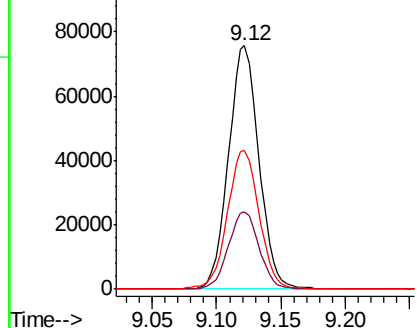
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.9	42.5
77	56.7	47.2	70.8

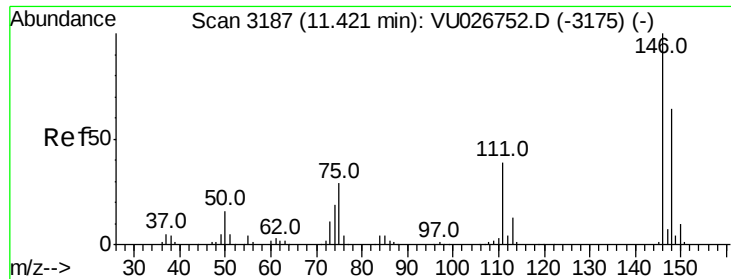


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 1.781 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026762.D

Acq: 14 Sep 2018 13:40

Instrument :

MSVOA_U

ClientSampleId :

C08K6DL

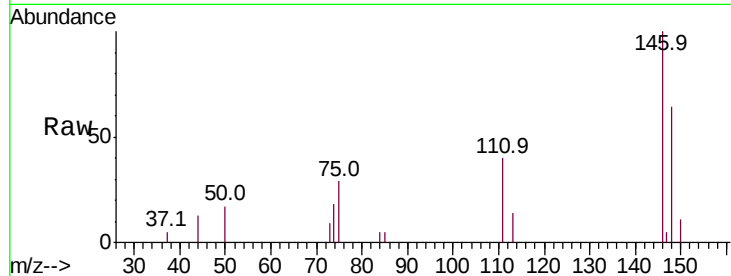
Tot Ion:146 Resp: 3331

Ion Ratio Lower Upper

146 100

111 40.3 26.7 49.5

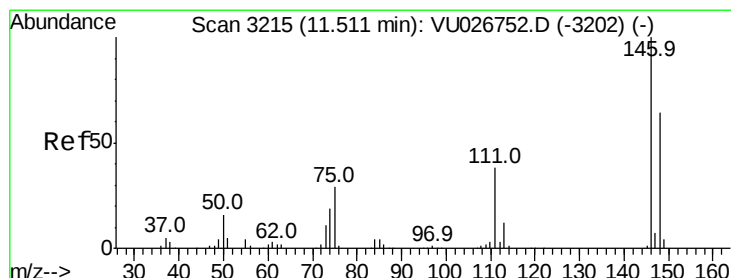
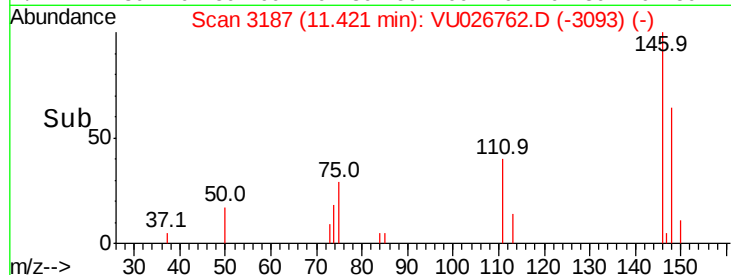
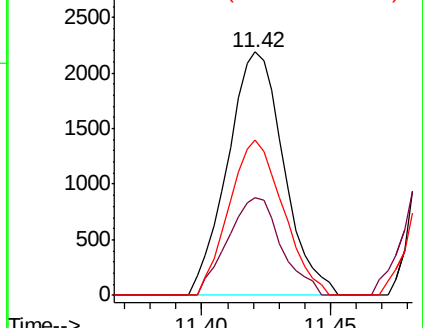
148 63.6 44.2 82.2



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: 22.895 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026762.D

Acq: 14 Sep 2018 13:40

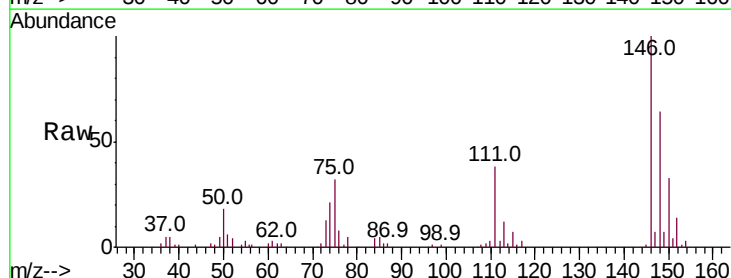
Tgt Ion:146 Resp: 45359

Ion Ratio Lower Upper

146 100

111 37.7 26.5 49.3

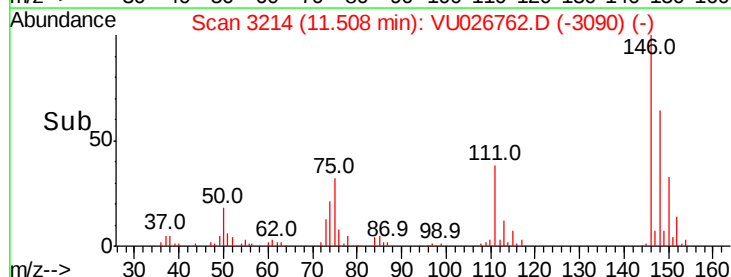
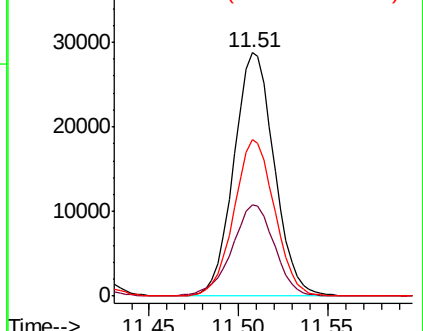
148 64.1 45.2 84.0

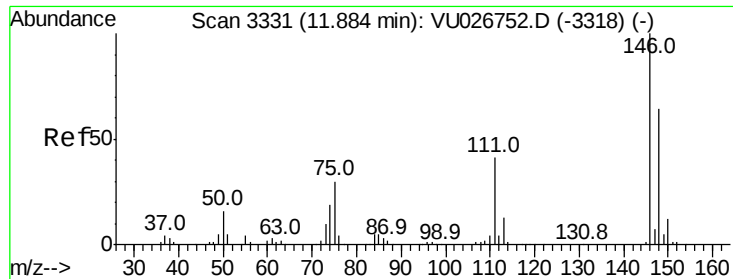


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 24.591 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026762.D

Acq: 14 Sep 2018 13:40

Instrument :

MSVOA_U

ClientSampleId :

C08K6DL

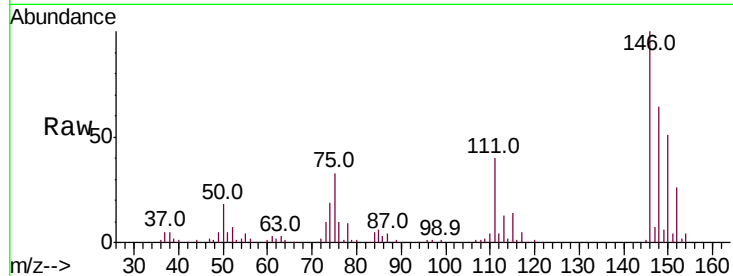
Tot Ion:146 Resp: 48606

Ion Ratio Lower Upper

146 100

111 39.6 32.8 49.2

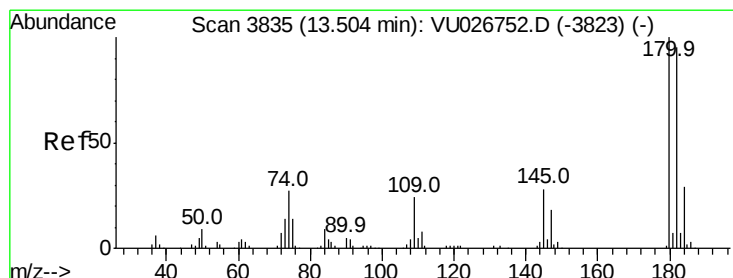
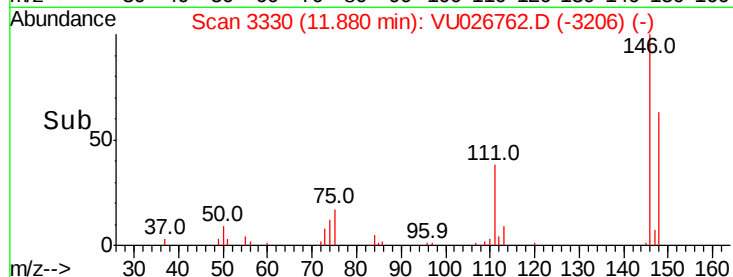
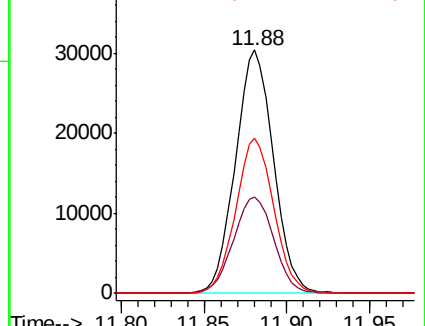
148 63.8 52.2 78.4



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: 3.194 ug/L

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU026762.D

Acq: 14 Sep 2018 13:40

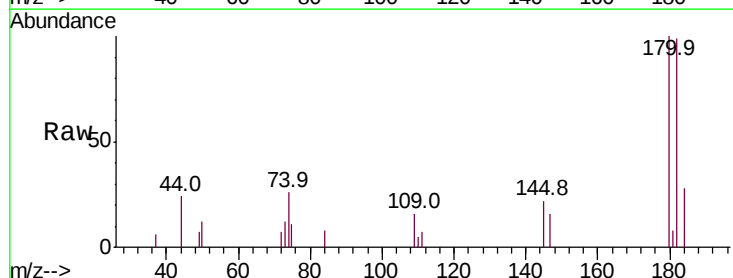
Tgt Ion:180 Resp: 4118

Ion Ratio Lower Upper

180 100

182 89.8 76.0 114.0

145 21.6 23.4 35.0#



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

