

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026745.D
 Acq On : 13 Sep 2018 22:55
 Operator : MD/SY
 Sample : J4893-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08R9

Quant Time: Sep 14 03:59:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175241	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57599	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.68	69	47610	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.48%
11) 1,1-Dichloroethene-d2	2.27	63	81129	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
21) 2-Butanone-d5	4.18	46	82619	101.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.66%
24) Chloroform-d	4.65	84	93447	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	5.31	65	63809	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
32) Benzene-d6	5.34	84	197498	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.33	67	66131	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.57	98	175906	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.85	79	28587	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.76%
47) 2-Hexanone-d5	8.31	63	56371	100.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86957	46.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	65149	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

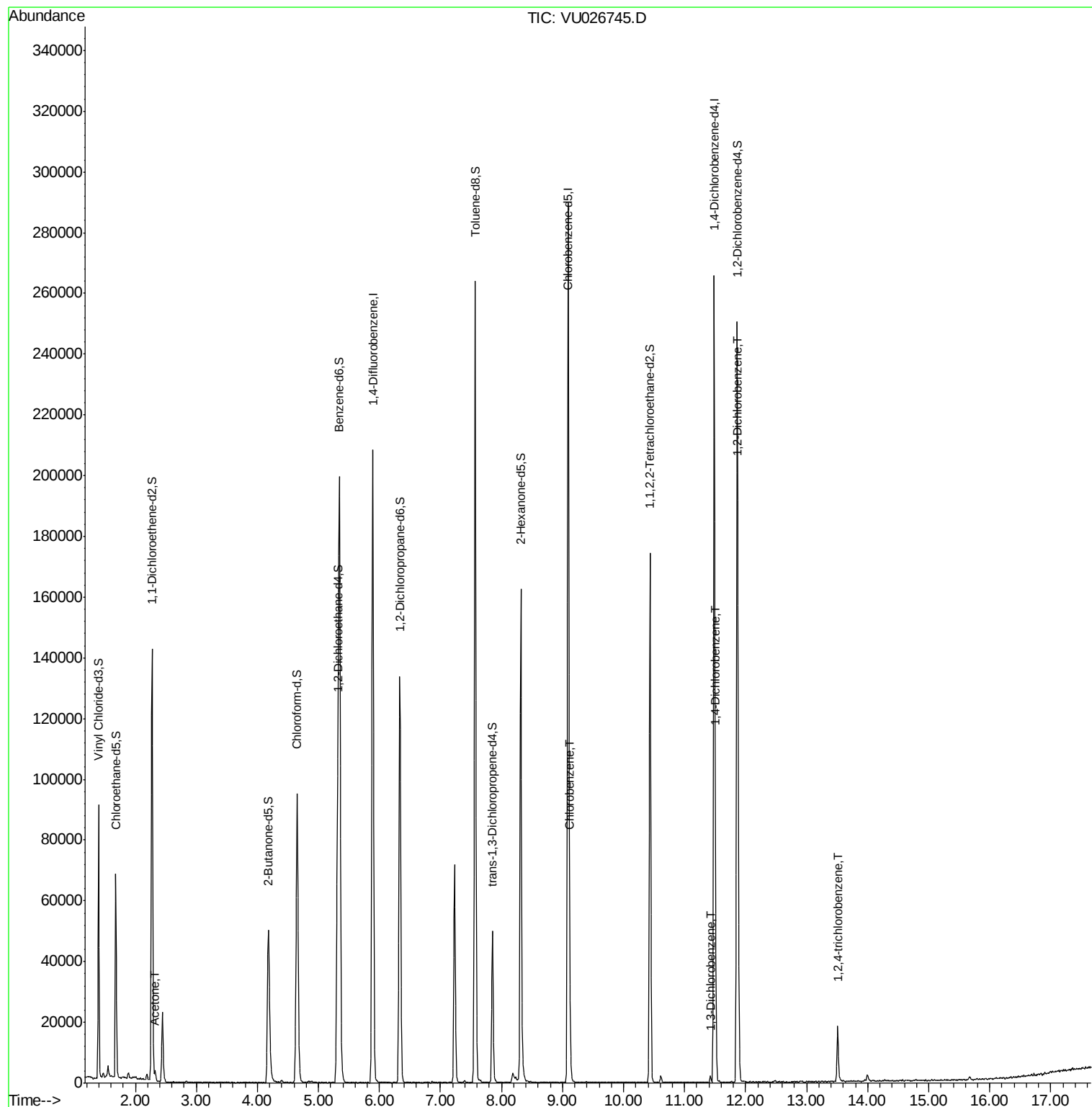
					Ovalue
13) Acetone	2.32	43	2011	2.173 ug/L	92
51) Chlorobenzene	9.12	112	12612	4.195 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	1192	0.603 ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	11645	5.564 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	18260	8.746 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	7212	5.295 ug/L	95

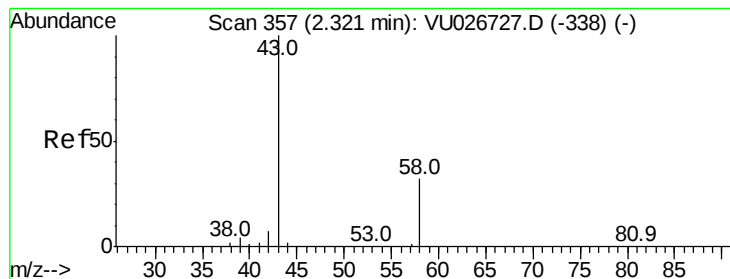
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.173 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026745.D

Acq: 13 Sep 2018 22:55

Instrument :

MSVOA_U

ClientSampled :

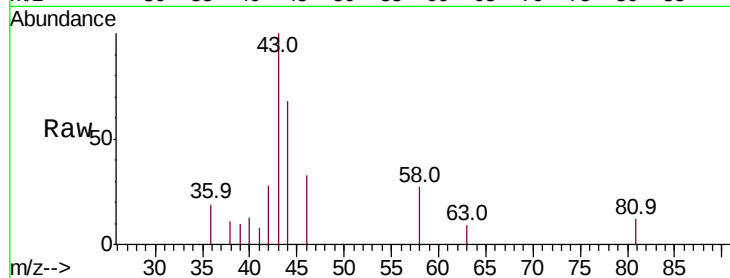
C08R9

Tot Ion: 43 Resp: 2011

Ion Ratio Lower Upper

43 100

58 27.1 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

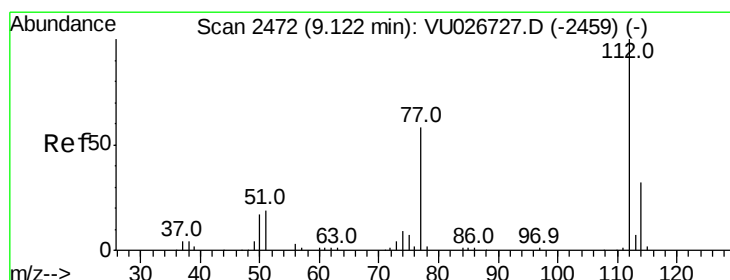
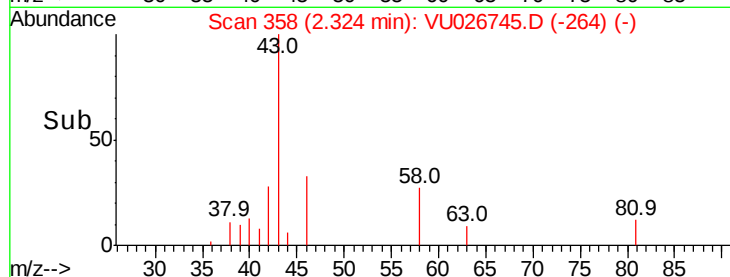
2.32

1000

500

0

Time-->



#51

Chlorobenzene

Concen: 4.195 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026745.D

Acq: 13 Sep 2018 22:55

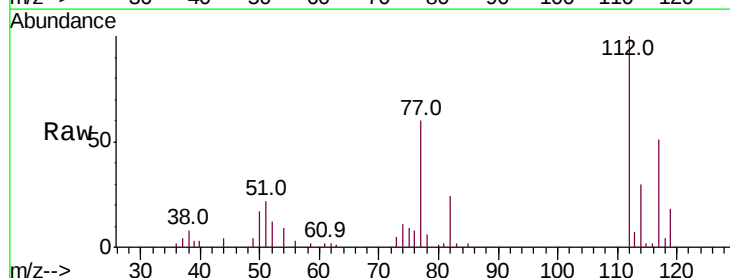
Tgt Ion: 112 Resp: 12612

Ion Ratio Lower Upper

112 100

114 30.4 22.9 42.5

77 60.1 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

10000

8000

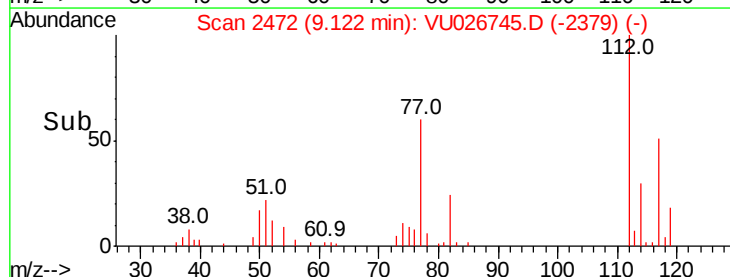
6000

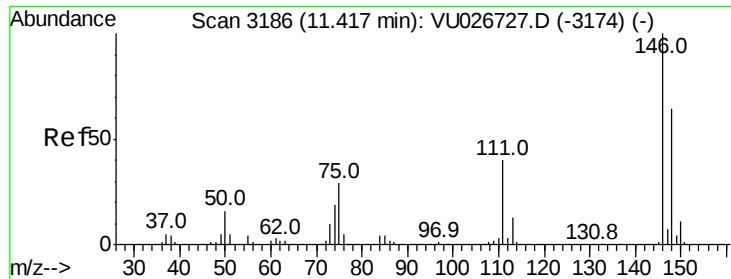
4000

2000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 0.603 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026745.D

Acq: 13 Sep 2018 22:55

Instrument :

MSVOA_U

ClientSampled :

C08R9

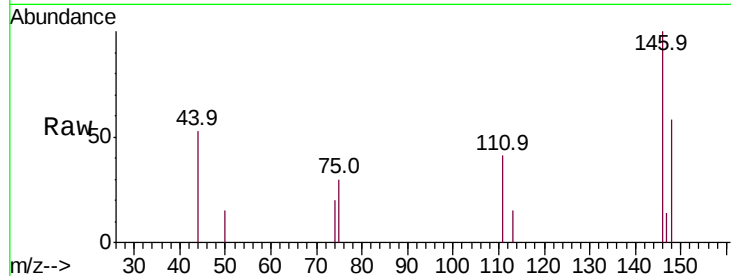
Tot Ion:146 Resp: 1192

Ion Ratio Lower Upper

146 100

111 40.6 26.7 49.5

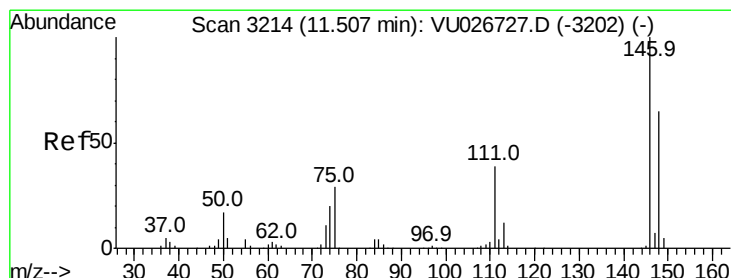
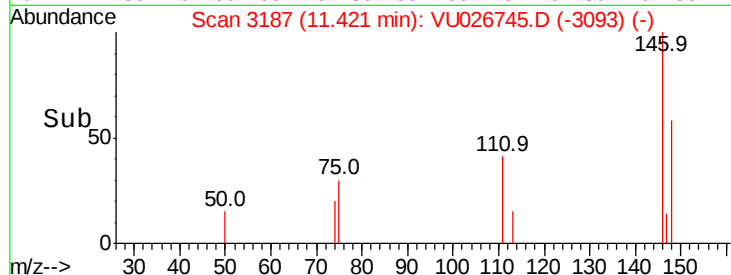
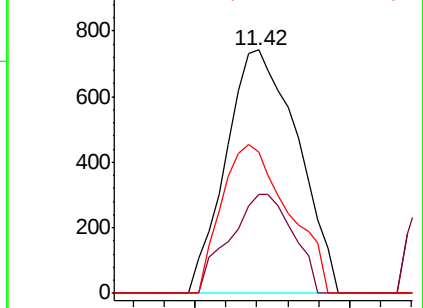
148 57.8 44.2 82.2



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: 5.564 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU026745.D

Acq: 13 Sep 2018 22:55

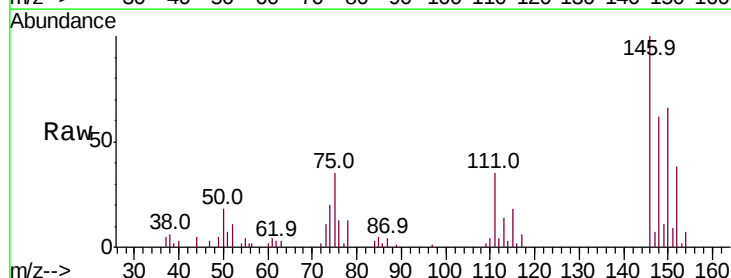
Tgt Ion:146 Resp: 11645

Ion Ratio Lower Upper

146 100

111 34.8 26.5 49.3

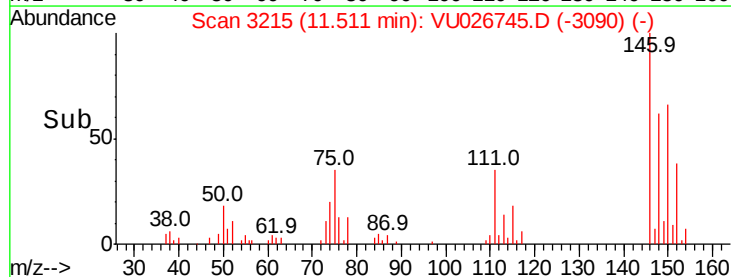
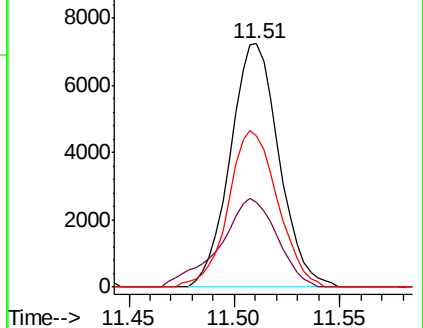
148 62.5 45.2 84.0

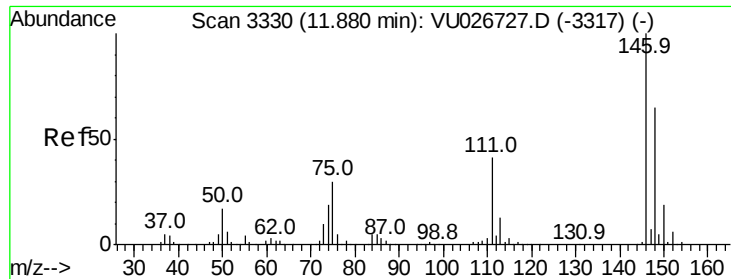


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 8.746 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026745.D

Acq: 13 Sep 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

C08R9

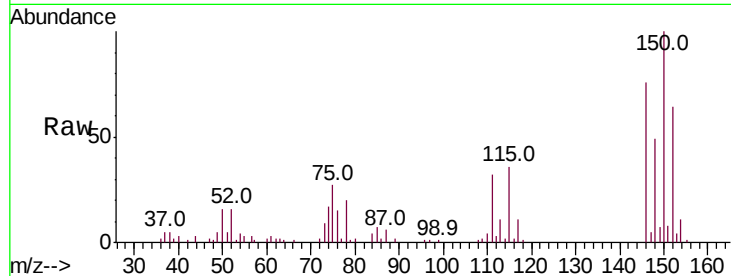
Tot Ion:146 Resp: 18260

Ion Ratio Lower Upper

146 100

111 41.6 32.8 49.2

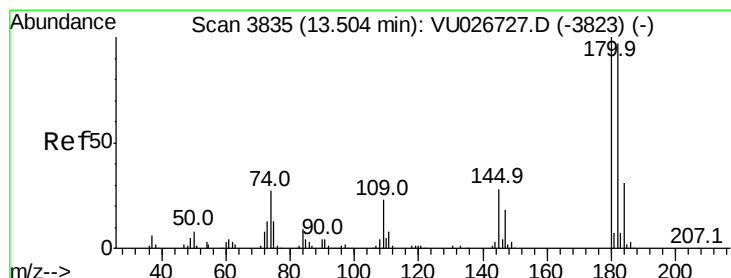
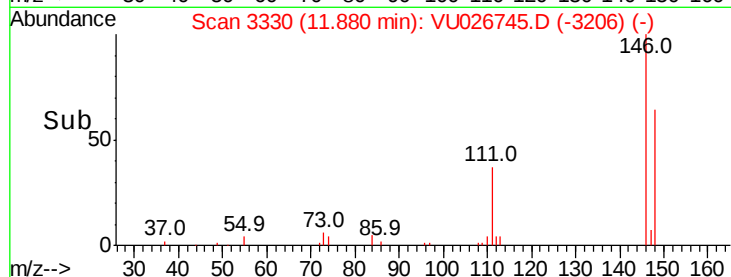
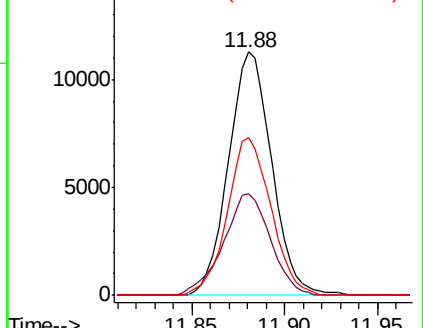
148 64.7 52.2 78.4



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: 5.295 ug/L

RT: 13.51 min Scan# 3836

Delta R.T. 0.00 min

Lab File: VU026745.D

Acq: 13 Sep 2018 22:55

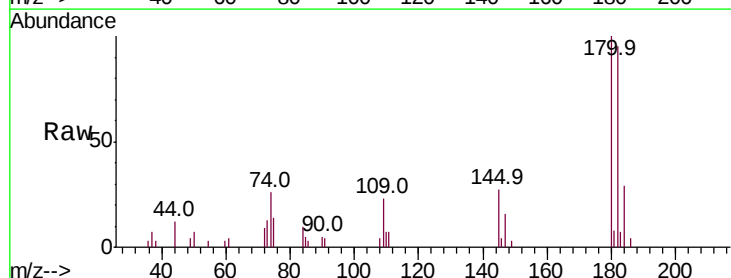
Tgt Ion:180 Resp: 7212

Ion Ratio Lower Upper

180 100

182 91.0 76.0 114.0

145 25.8 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

