

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026733.D
 Acq On : 13 Sep 2018 18:17
 Operator : MD/SY
 Sample : J4893-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K2

Quant Time: Sep 14 01:51:47 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	189907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61158	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.42%
7) Chloroethane-d5	1.68	69	48928	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.27	63	86155	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.04%
21) 2-Butanone-d5	4.18	46	82053	93.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.17%
24) Chloroform-d	4.65	84	97012	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.46%
26) 1,2-Dichloroethane-d4	5.31	65	65658	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
32) Benzene-d6	5.34	84	206077	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
36) 1,2-Dichloropropane-d6	6.33	67	68725	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.98%
41) Toluene-d8	7.57	98	188145	42.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.18%
43) trans-1,3-Dichloropropene-	7.85	79	29793	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.31	63	57801	88.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90676	41.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.86%
64) 1,2-Dichlorobenzene-d4	11.87	152	88263	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%

Target Compounds

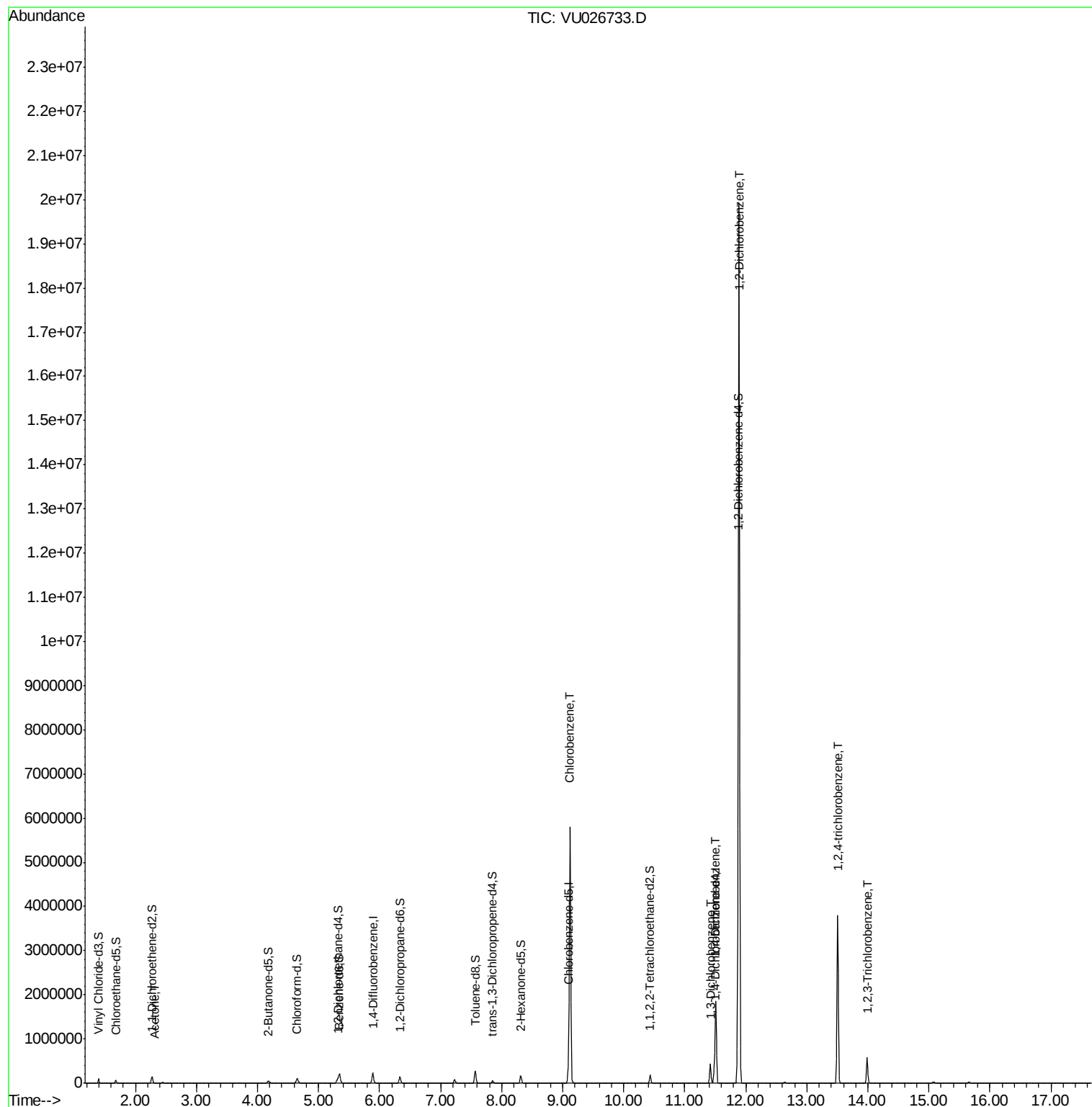
					Ovalue
13) Acetone	2.32	43	1785	1.780	ug/L 92
51) Chlorobenzene	9.12	112	2955985	842.645	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	174128	62.679	ug/L 98
63) 1,4-Dichlorobenzene	11.51	146	714743	242.864	ug/L 99
65) 1,2-Dichlorobenzene	11.89	146	7968441	2713.980	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	1147604	599.179	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	184383	88.873	ug/L 100

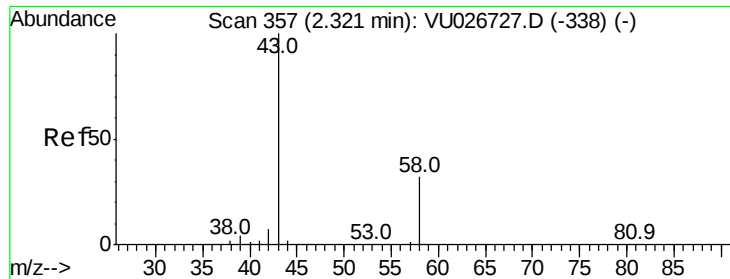
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091518\
Data File : VU026733.D
Acq On : 13 Sep 2018 18:17
Operator : MD/SY
Sample : J4893-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08K2

Quant Time: Sep 14 01:51:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.780 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026733.D

Acq: 13 Sep 2018 18:17

Instrument :

MSVOA_U

ClientSampleId :

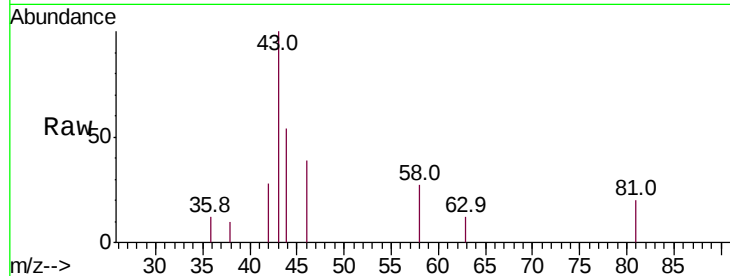
C08K2

Tot Ion: 43 Resp: 1785

Ion Ratio Lower Upper

43 100

58 27.2 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU026727.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU026727.D (-338) (-)

2.32

1200

1000

800

600

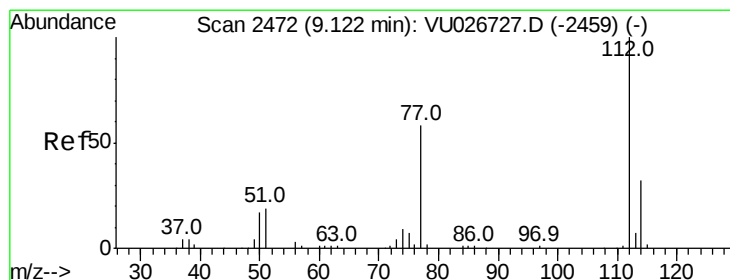
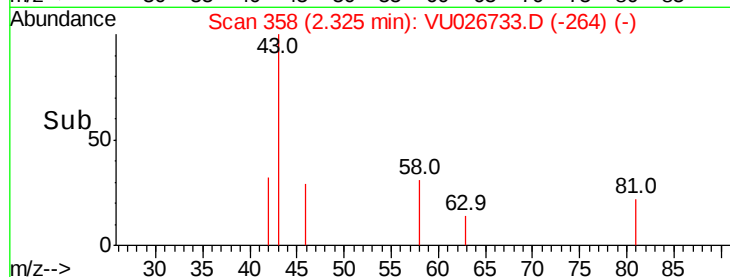
400

200

0

Time-->

2.30 2.35



#51

Chlorobenzene

Concen: 842.645 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU026733.D

Acq: 13 Sep 2018 18:17

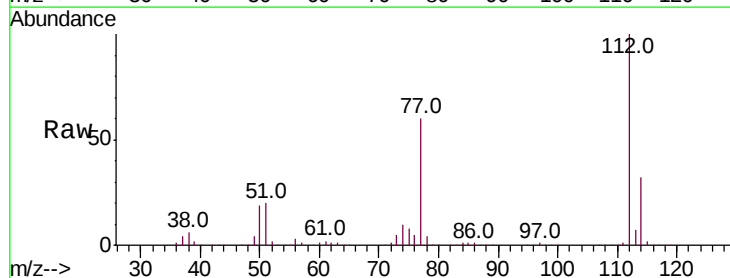
Tgt Ion: 112 Resp: 2955985

Ion Ratio Lower Upper

112 100

114 32.1 22.9 42.5

77 59.5 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): VU026727.D (-2459) (-)

Ion 114.00 (113.70 to 114.70): VU026727.D (-2459) (-)

Ion 77.00 (76.70 to 77.70): VU026727.D (-2459) (-)

2500000

2000000

1500000

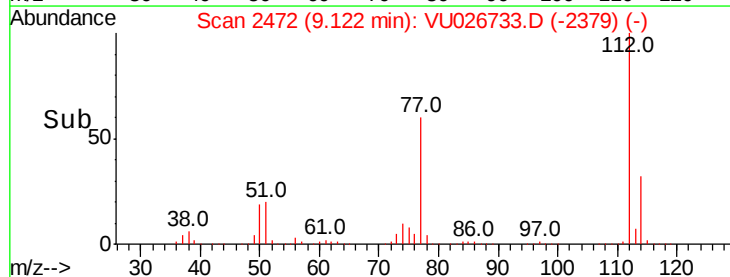
1000000

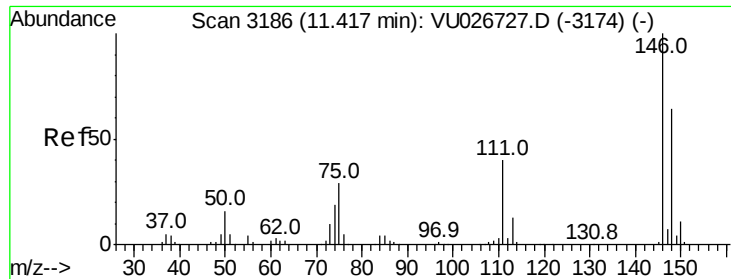
500000

0

Time-->

9.00 9.10 9.20 9.30

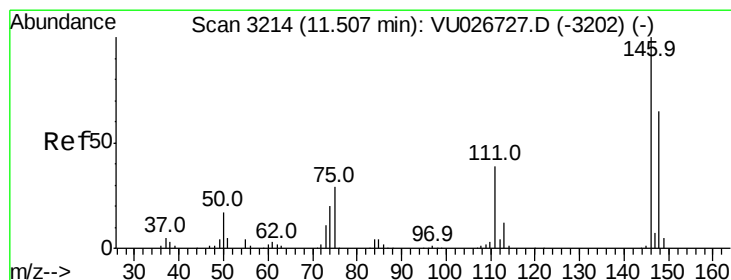
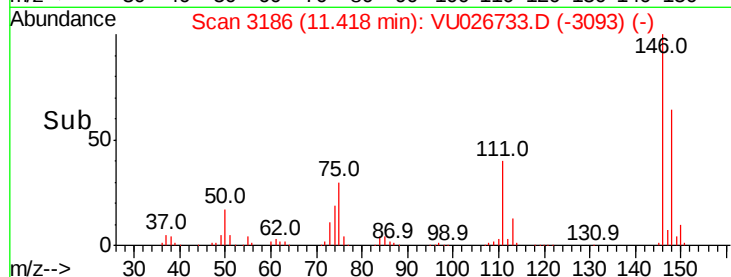
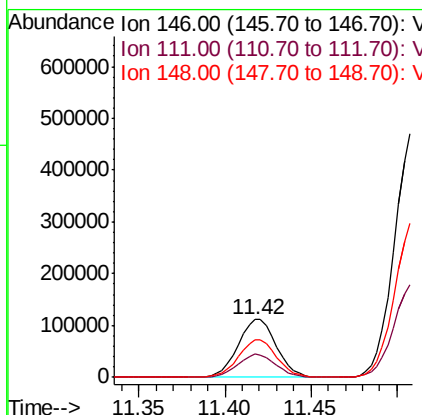
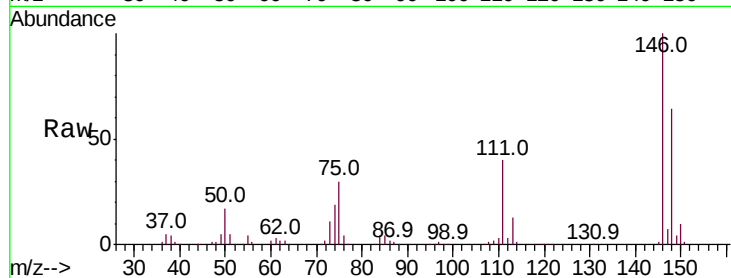




#62
 1,3-Dichlorobenzene
 Concen: 62.679 ug/L
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026733.D
 Acq: 13 Sep 2018 18:17

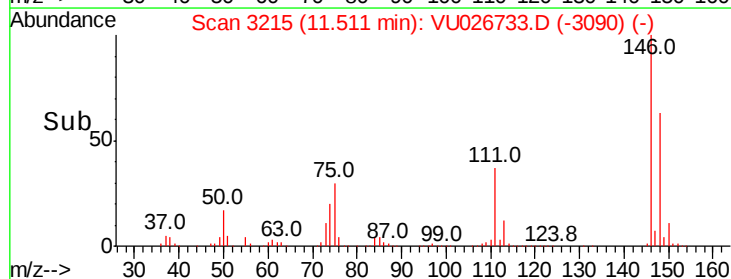
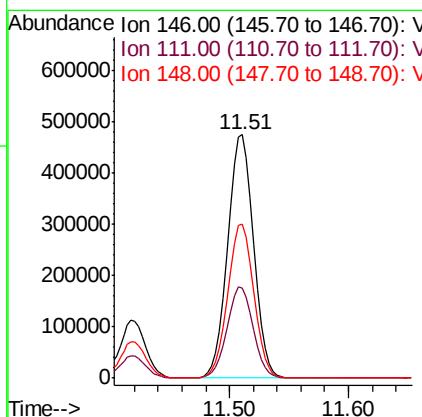
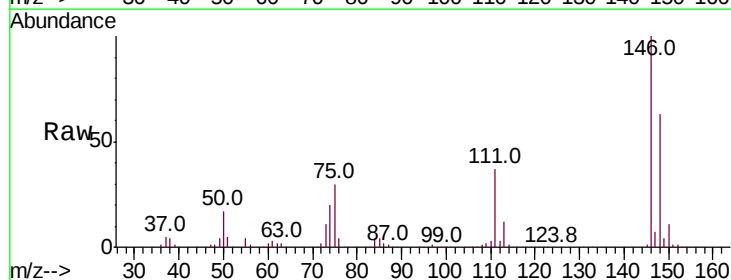
Instrument :
 MSVOA_U
 ClientSampleId :
 C08K2

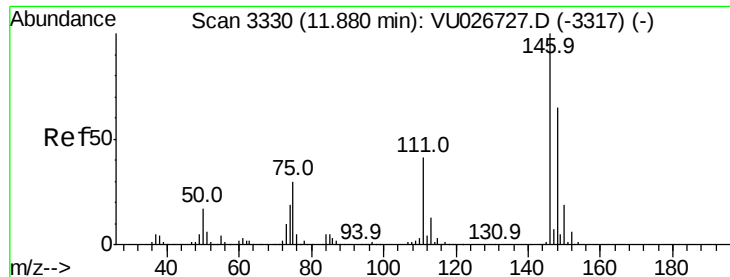
Tot Ion:146 Resp: 174128
 Ion Ratio Lower Upper
 146 100
 111 39.6 26.7 49.5
 148 64.0 44.2 82.2



#63
 1,4-Dichlorobenzene
 Concen: 242.864 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026733.D
 Acq: 13 Sep 2018 18:17

Tgt Ion:146 Resp: 714743
 Ion Ratio Lower Upper
 146 100
 111 37.0 26.5 49.3
 148 63.4 45.2 84.0





#65

1,2-Dichlorobenzene

Concen: 2713.980 ug/L

RT: 11.89 min Scan# 3333

Delta R.T. 0.01 min

Lab File: VU026733.D

Acq: 13 Sep 2018 18:17

Instrument :

MSVOA_U

ClientSampleId :

C08K2

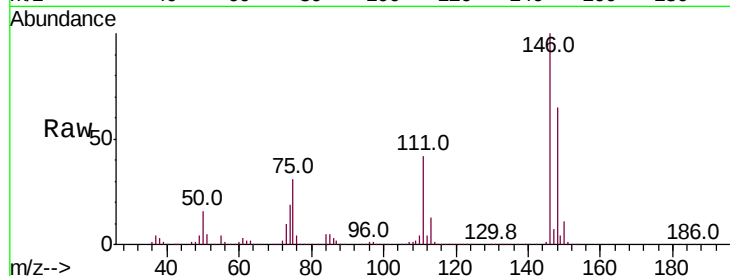
Tot Ion:146 Resp: 7968441

Ion Ratio Lower Upper

146 100

111 41.8 32.8 49.2

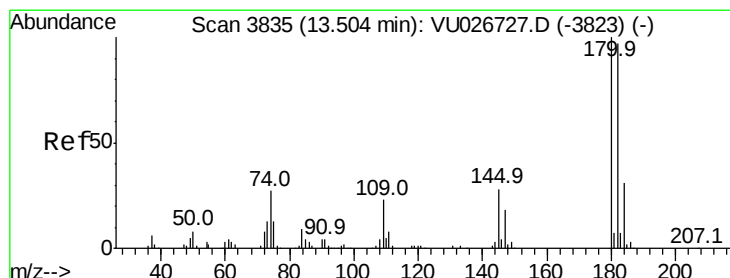
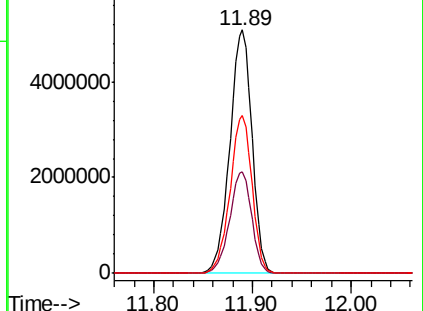
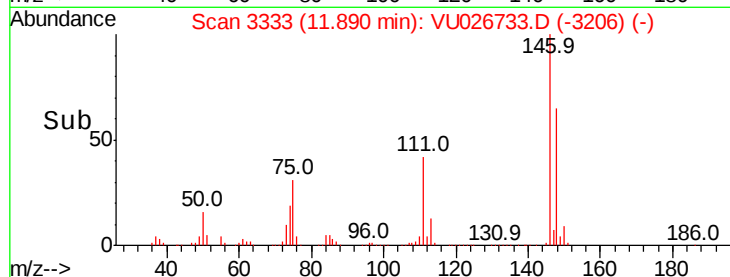
148 64.9 52.2 78.4



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: 599.179 ug/L

RT: 13.50 min Scan# 3835

Delta R.T. 0.00 min

Lab File: VU026733.D

Acq: 13 Sep 2018 18:17

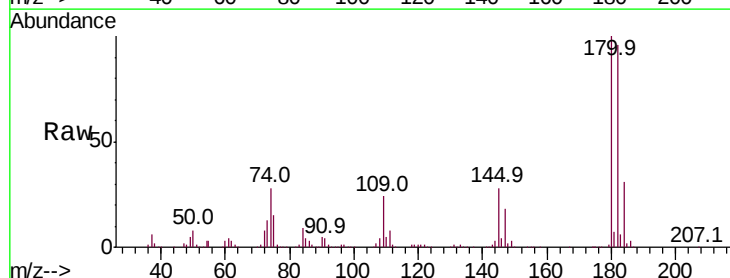
Tgt Ion:180 Resp: 1147604

Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

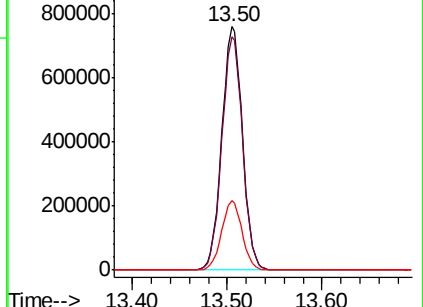
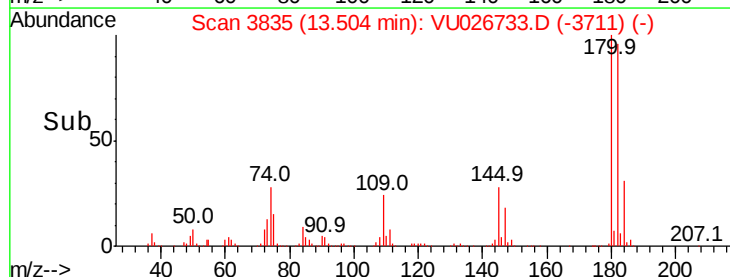
145 28.3 23.4 35.0

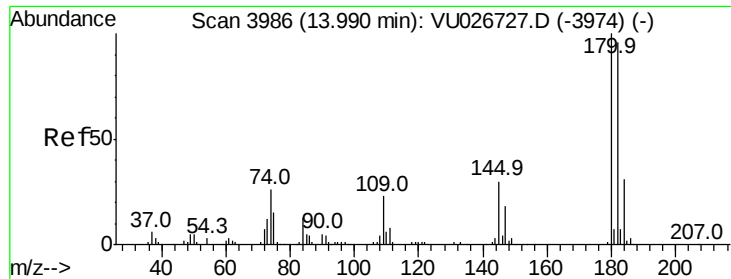


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

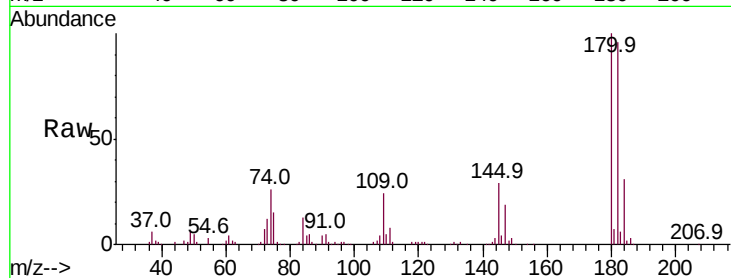




#70
 1,2,3-Trichlorobenzene
 Concen: 88.873 ug/L
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU026733.D
 Acq: 13 Sep 2018 18:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K2

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	29.7	23.0	34.6



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

