

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092118\
 Data File : VU026954.D
 Acq On : 20 Sep 2018 23:35
 Operator : MD/SY
 Sample : J5012-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N4

Quant Time: Sep 21 06:51:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	270029	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	256336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	131436	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86182	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.67	69	74488	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.14%
11) 1,1-Dichloroethene-d2	2.27	63	120485	31.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.76%
21) 2-Butanone-d5	4.18	46	132042	99.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.61%
24) Chloroform-d	4.65	84	156931	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.70%
26) 1,2-Dichloroethane-d4	5.31	65	101370	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
32) Benzene-d6	5.34	84	324874	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.33	67	103941	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.82%
41) Toluene-d8	7.57	98	281688	43.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.85	79	43721	42.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.62%
47) 2-Hexanone-d5	8.31	63	96650	106.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143833	44.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	132856	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

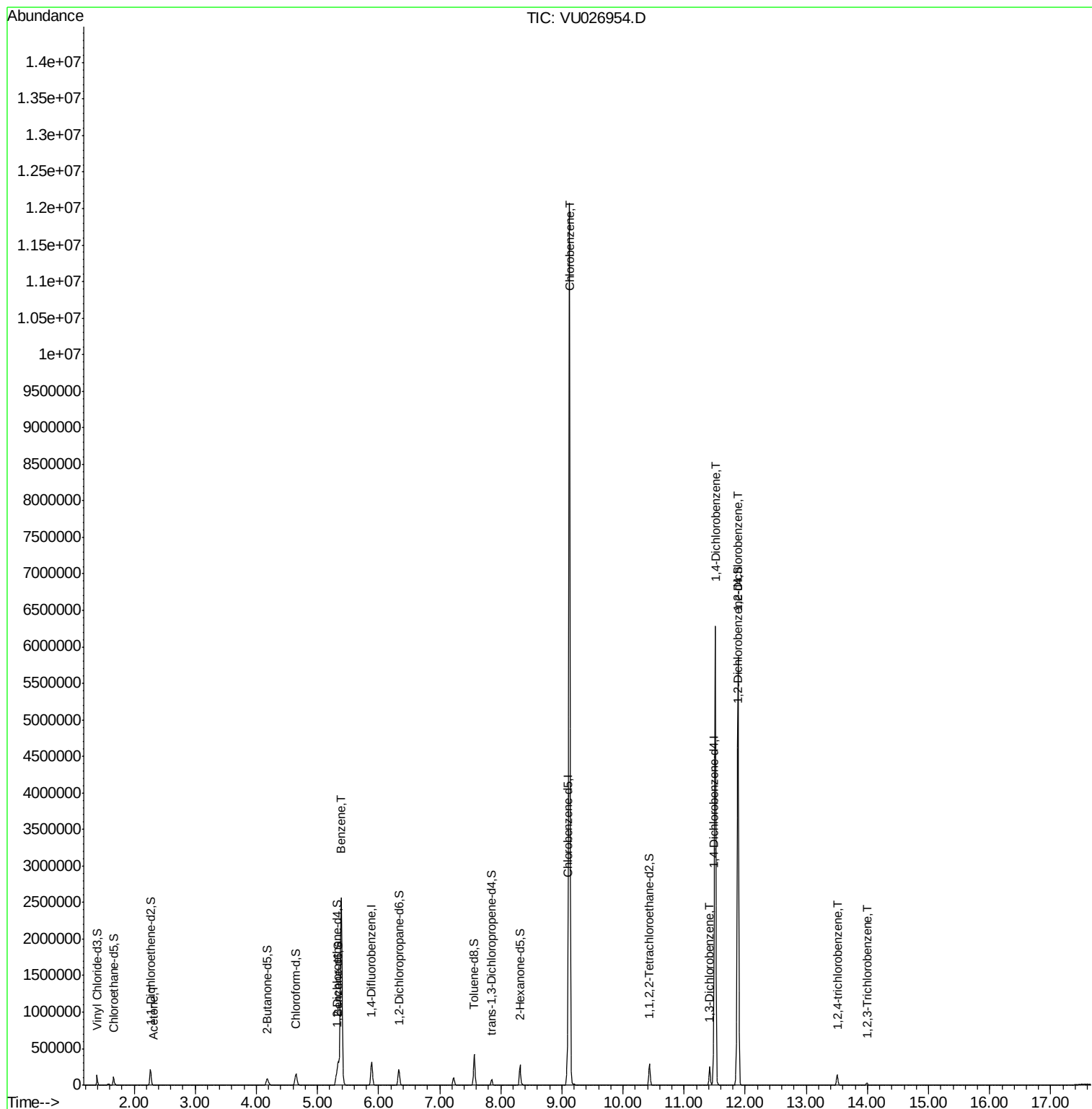
					Ovalue
13) Acetone	2.32	43	3693	2.834	ug/L 90
33) Benzene	5.39	78	2529435	318.272	ug/L 100
51) Chlorobenzene	9.12	112	6589827	1207.560	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	105808	26.407	ug/L 98
63) 1,4-Dichlorobenzene	11.51	146	2615066	592.717	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	2475254	557.921	ug/L 100
68) 1,2,4-trichlorobenzene	13.50	180	49923	18.685	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	12630	4.293	ug/L 98

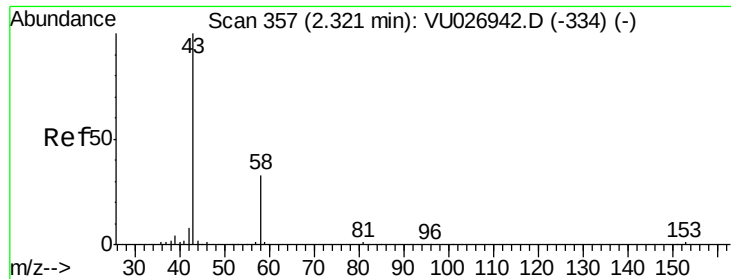
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.834 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026954.D

Acq: 20 Sep 2018 23:35

Instrument :

MSVOA_U

ClientSampleId :

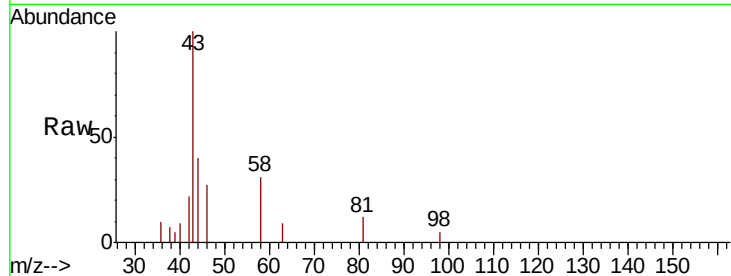
C08N4

Tot Ion: 43 Resp: 3693

Ion Ratio Lower Upper

43 100

58 26.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2500

2000

1500

1000

500

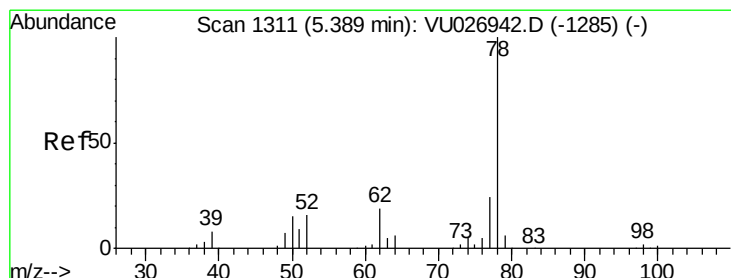
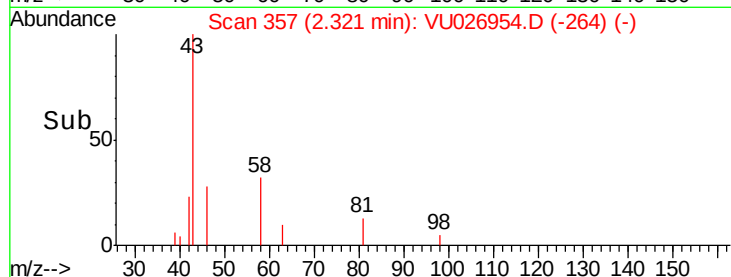
0

2.30

2.32

2.35

Time-->



#33

Benzene

Concen: 318.272 ug/L

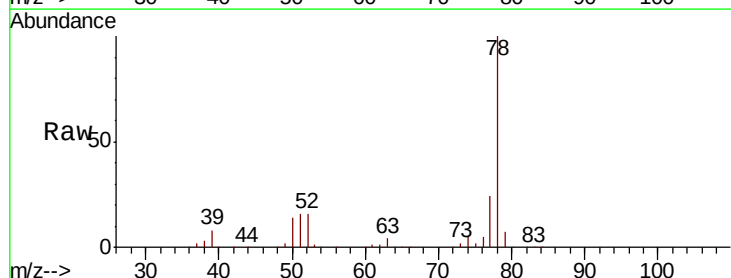
RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU026954.D

Acq: 20 Sep 2018 23:35

Tgt Ion: 78 Resp: 2529435



Abundance Ion 78.00 (77.70 to 78.70): VU0

1000000

500000

0

5.20

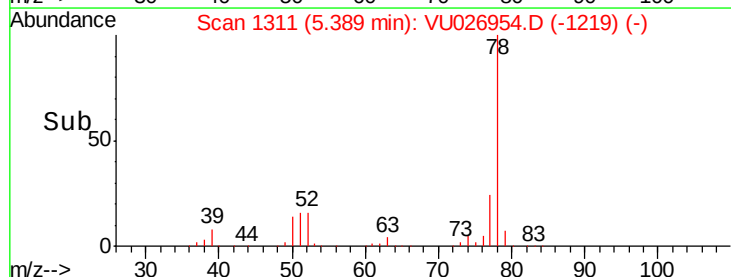
5.30

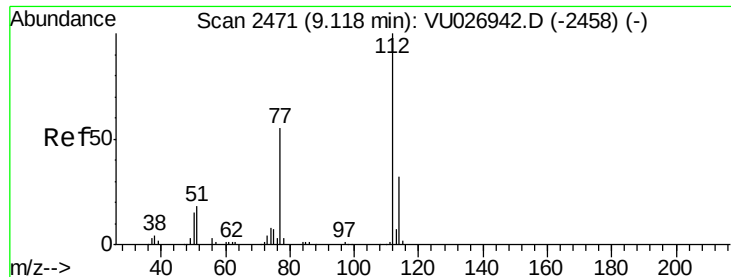
5.39

5.50

5.60

Time-->





#51

Chlorobenzene

Concen: 1207.560 ug/L

RT: 9.12 min Scan# 2473

Delta R.T. 0.01 min

Lab File: VU026954.D

Acq: 20 Sep 2018 23:35

Instrument :

MSVOA_U

ClientSampled :

C08N4

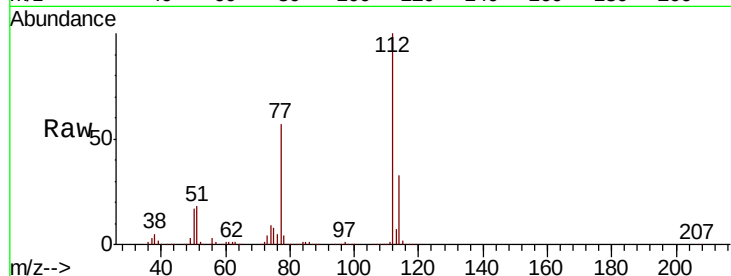
Tot Ion:112 Resp: 6589827

Ion Ratio Lower Upper

112 100

114 33.0 22.3 41.5

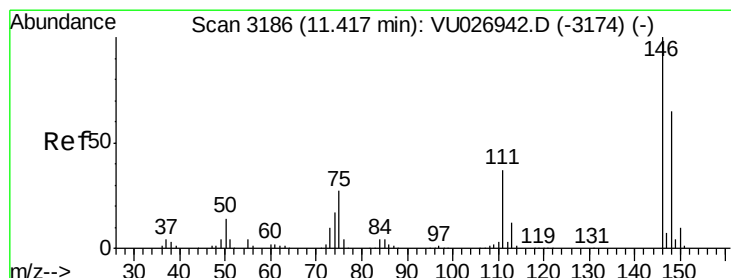
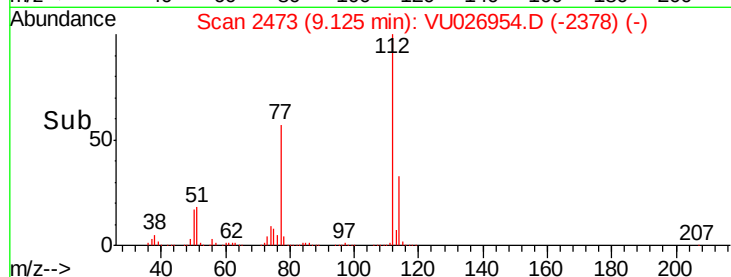
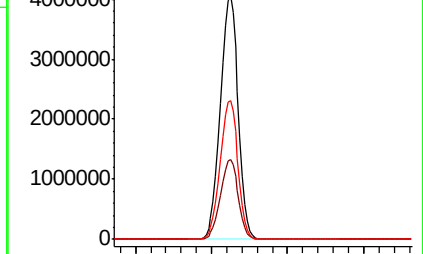
77 57.1 45.1 67.7



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): VU



#62

1,3-Dichlorobenzene

Concen: 26.407 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU026954.D

Acq: 20 Sep 2018 23:35

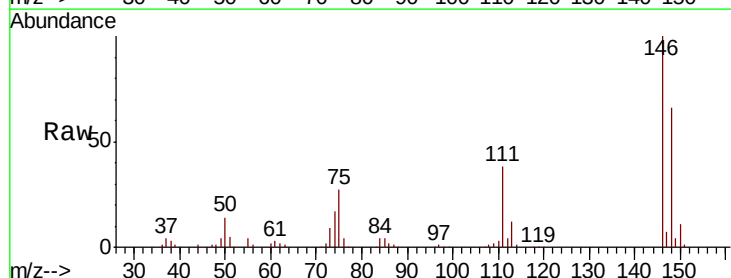
Tgt Ion:146 Resp: 105808

Ion Ratio Lower Upper

146 100

111 37.7 26.7 49.7

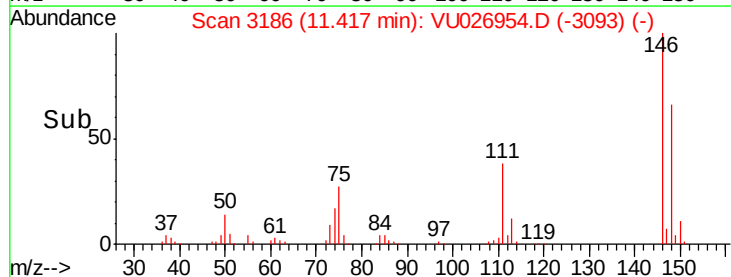
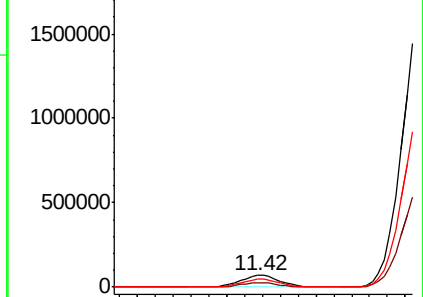
148 65.7 44.9 83.5

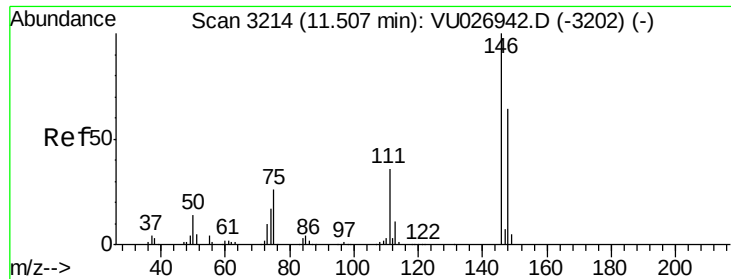


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

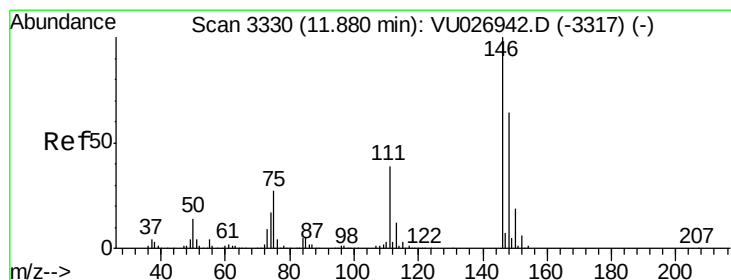
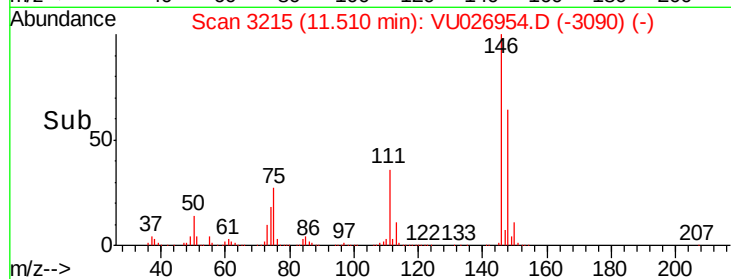
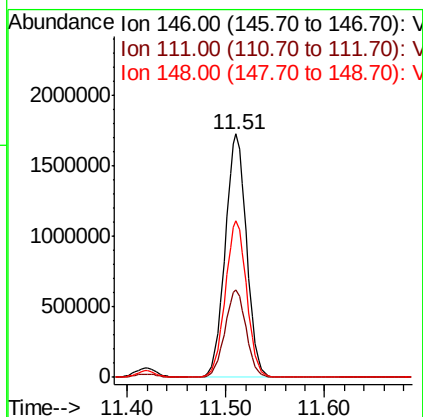
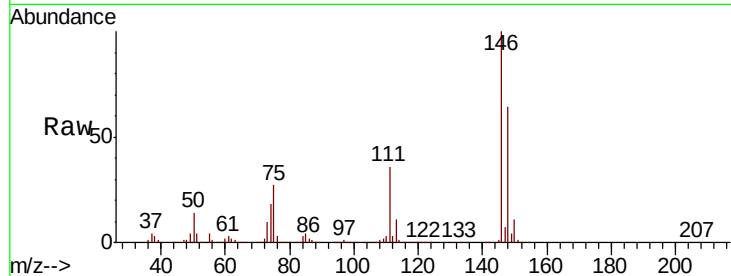




#63
 1,4-Dichlorobenzene
 Concen: 592.717 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026954.D
 Acq: 20 Sep 2018 23:35

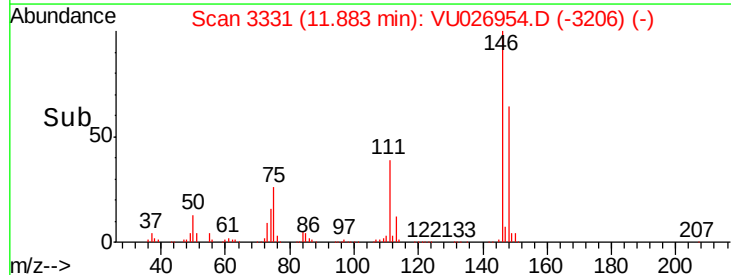
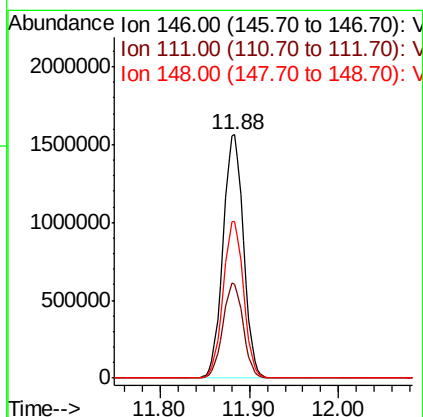
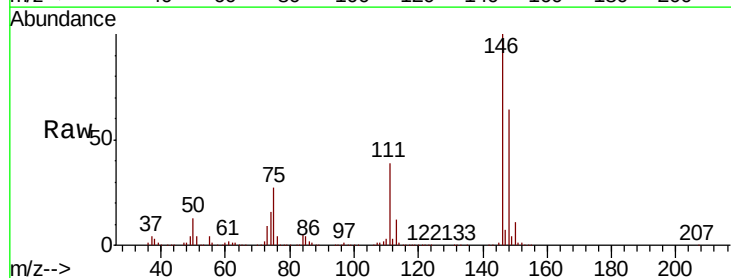
Instrument :
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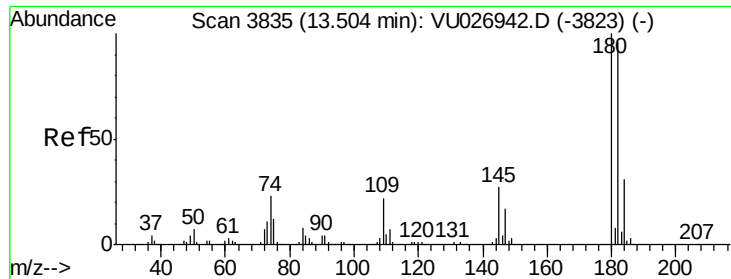
Tot Ion:146 Resp: 2615066
 Ion Ratio Lower Upper
 146 100
 111 35.9 26.0 48.2
 148 64.2 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 557.921 ug/L
 RT: 11.88 min Scan# 3331
 Delta R.T. 0.00 min
 Lab File: VU026954.D
 Acq: 20 Sep 2018 23:35

Tgt Ion:146 Resp: 2475254
 Ion Ratio Lower Upper
 146 100
 111 38.7 31.4 47.0
 148 64.3 51.4 77.2

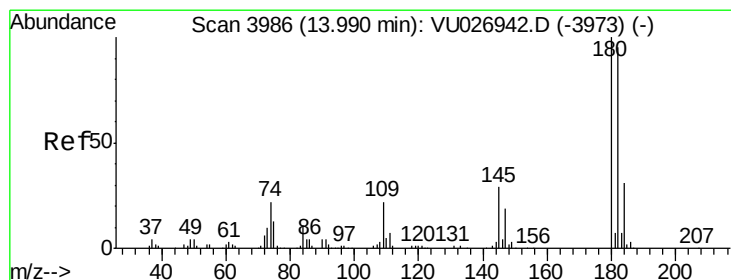
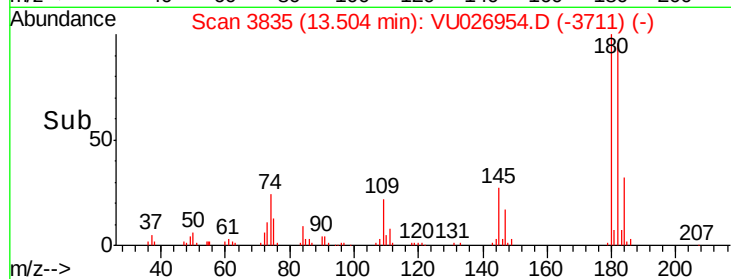
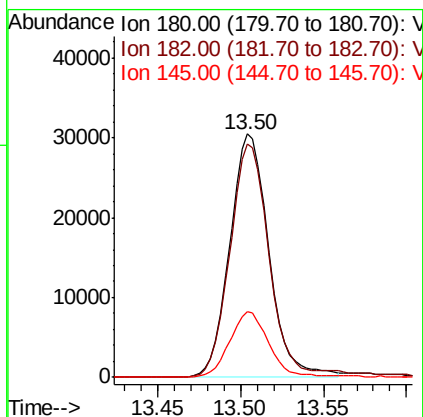
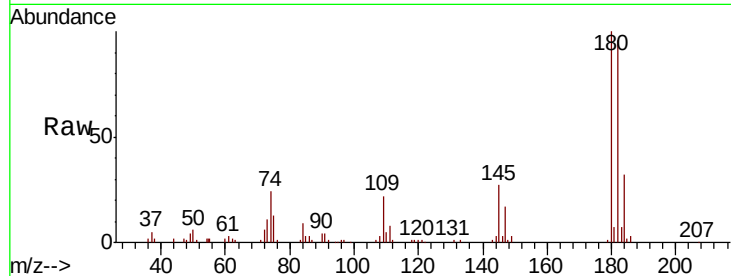




#68
 1,2,4-trichlorobenzene
 Concen: 18.685 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026954.D
 Acq: 20 Sep 2018 23:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N4

Tot Ion:180 Resp: 49923
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.8 115.2
 145 26.8 22.2 33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 4.293 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026954.D
 Acq: 20 Sep 2018 23:35

Tgt Ion:180 Resp: 12630
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.6 113.4
 145 27.0 23.8 35.6

