

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
 Data File : VU025968.D
 Acq On : 08 Aug 2018 03:46
 Operator : MD/SY
 Sample : VIBLK45
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK45

Quant Time: Aug 08 06:49:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 06:47:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304309	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	277926	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	116820	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75160	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.14%
7) Chloroethane-d5	1.68	69	61775	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.70%
11) 1,1-Dichloroethene-d2	2.27	63	111844	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
21) 2-Butanone-d5	4.18	46	118629	102.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	4.65	84	160592	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
26) 1,2-Dichloroethane-d4	5.31	65	108846	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
32) Benzene-d6	5.35	84	308455	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
36) 1,2-Dichloropropane-d6	6.34	67	98127	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.04%
41) Toluene-d8	7.57	98	281236	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	7.85	79	44418	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.94%
47) 2-Hexanone-d5	8.31	63	78786	99.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.40%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	133124	50.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	104310	54.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.10%

Target Compounds

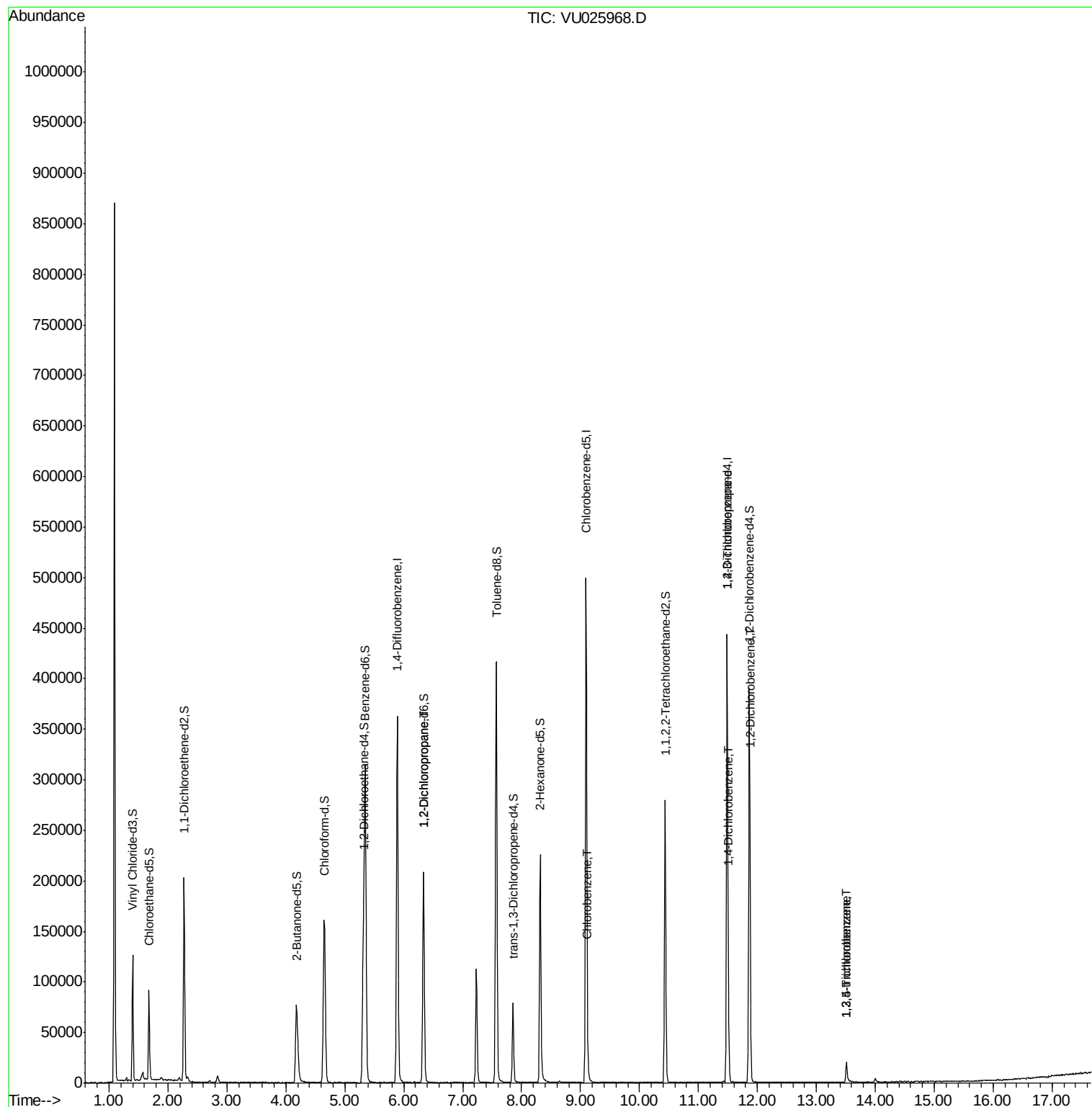
					Qvalue
37) 1,2-Dichloropropane	6.34	63	11381	5.864 ug/L #	88
51) Chlorobenzene	9.12	112	6971	1.284 ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	15334	6.207 ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	10041	2.820 ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	7183	2.050 ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	7157	2.779 ug/L	91
68) 1,2,4-trichlorobenzene	13.51	180	7157	3.202 ug/L #	87

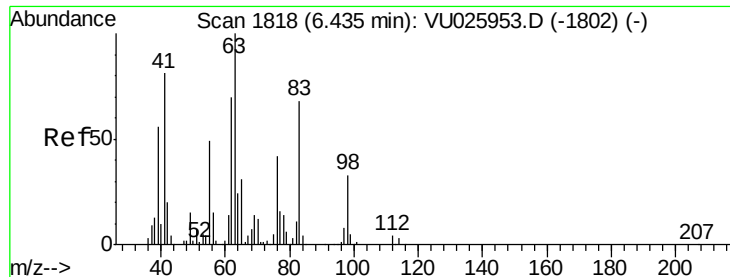
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
Data File : VU025968.D
Acq On : 08 Aug 2018 03:46
Operator : MD/SY
Sample : VIBLK45
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK45

Quant Time: Aug 08 06:49:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 08 06:47:05 2018
Response via : Initial Calibration

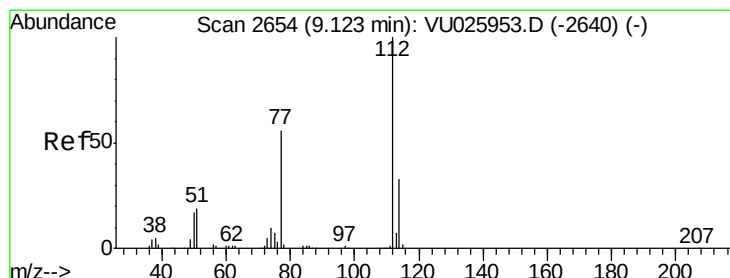
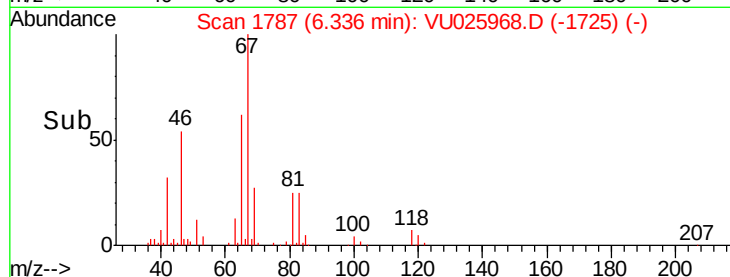
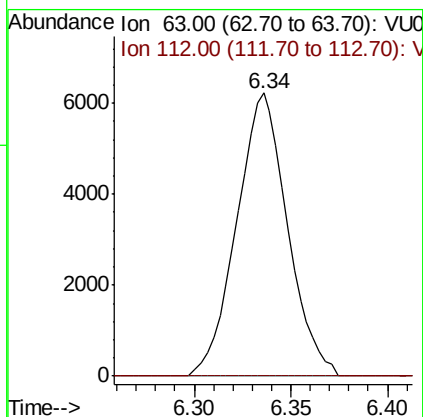
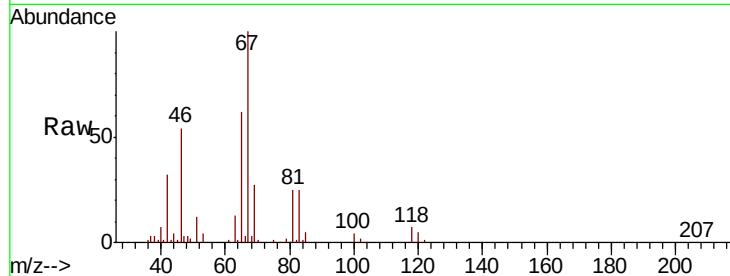




#37
 1,2-Dichloropropane
 Concen: 5.864 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025968.D
 Acq: 08 Aug 2018 03:46

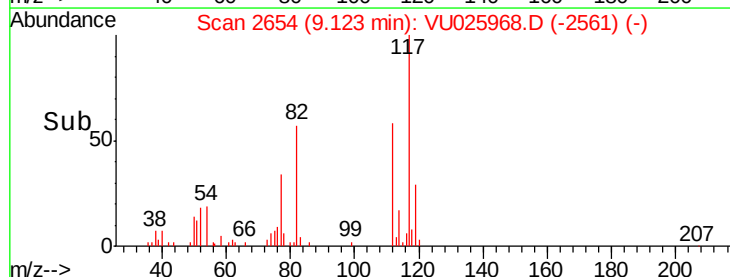
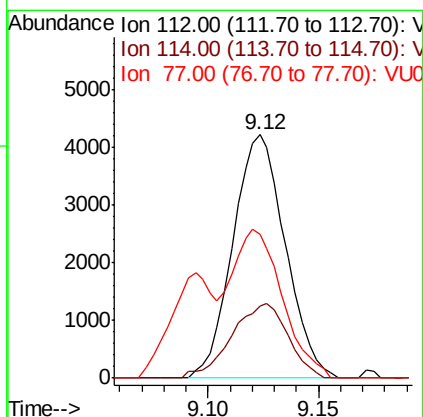
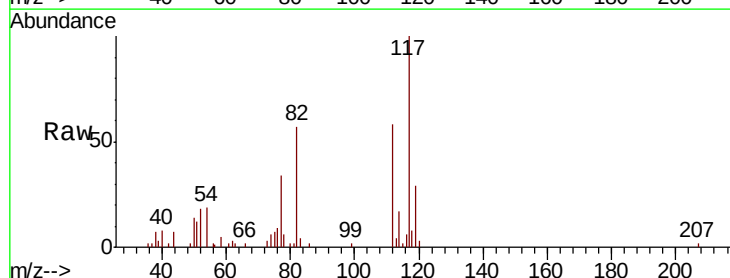
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK45

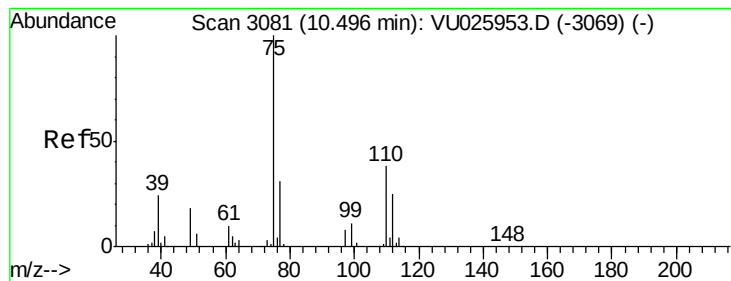
Tgt Ion: 63 Resp: 11381
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#51
 Chlorobenzene
 Concen: 1.284 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. -0.00 min
 Lab File: VU025968.D
 Acq: 08 Aug 2018 03:46

Tgt Ion: 112 Resp: 6971
 Ion Ratio Lower Upper
 112 100
 114 29.6 22.9 42.5
 77 58.8 46.6 70.0





#59

1,2,3-Trichloropropane

Concen: 6.207 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025968.D

Acq: 08 Aug 2018 03:46

Instrument :

MSVOA_U

ClientSampleId :

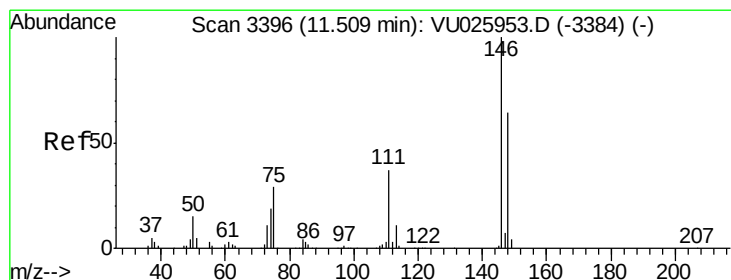
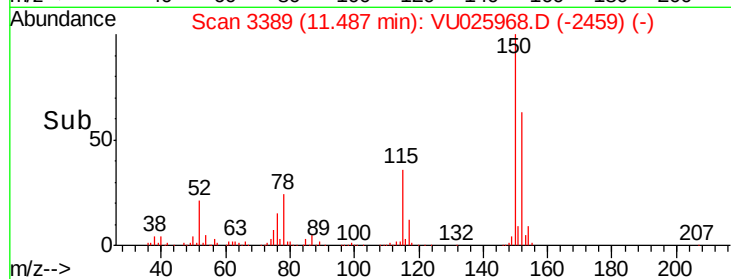
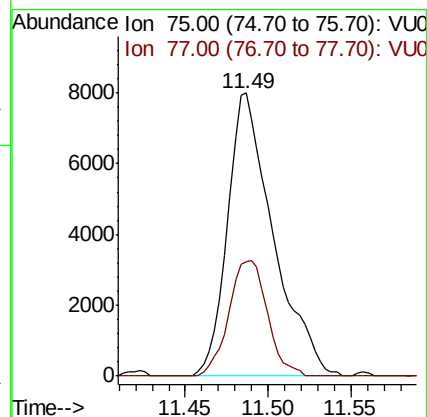
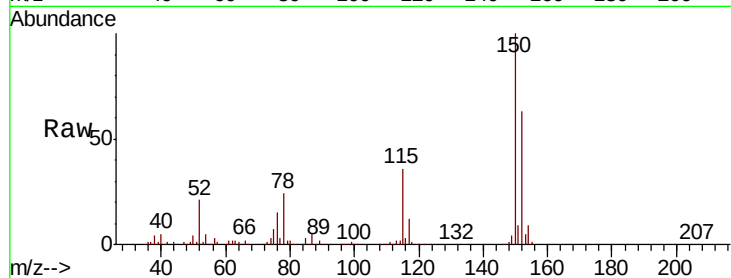
VIBLK45

Tgt Ion: 75 Resp: 15334

Ion Ratio Lower Upper

75 100

77 34.4 25.5 38.3



#63

1,4-Dichlorobenzene

Concen: 2.820 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025968.D

Acq: 08 Aug 2018 03:46

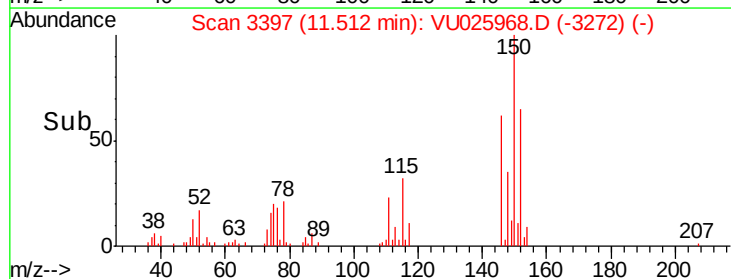
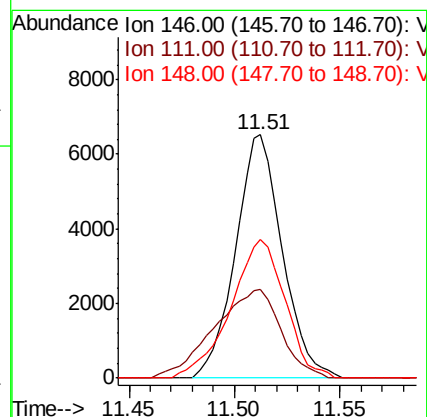
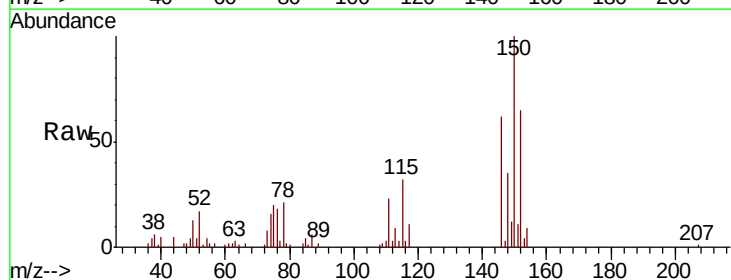
Tgt Ion: 146 Resp: 10041

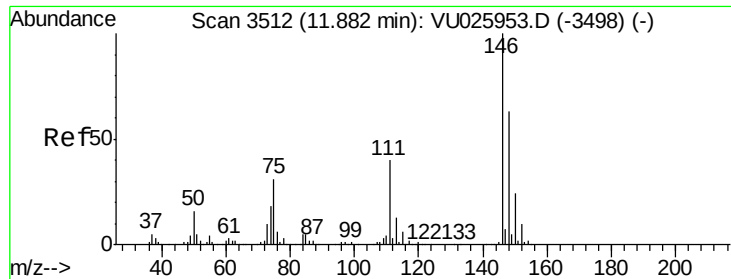
Ion Ratio Lower Upper

146 100

111 36.5 26.7 49.7

148 57.0 45.2 84.0





#65

1,2-Dichlorobenzene

Concen: 2.050 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025968.D

Acq: 08 Aug 2018 03:46

Instrument :

MSVOA_U

ClientSampleId :

VIBLK45

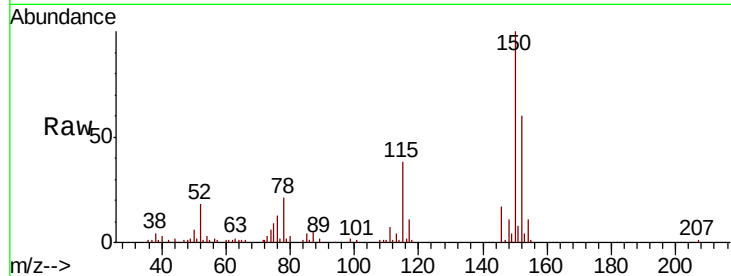
Tgt Ion:146 Resp: 7183

Ion Ratio Lower Upper

146 100

111 40.0 33.4 50.0

148 63.0 51.8 77.8

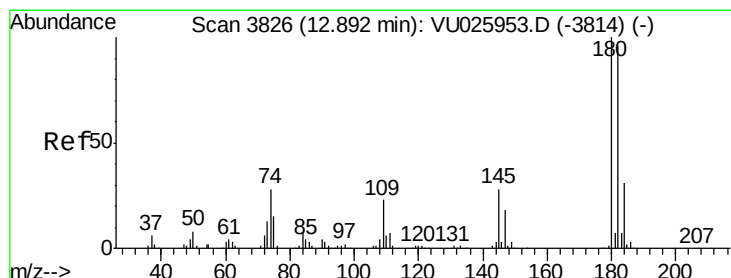
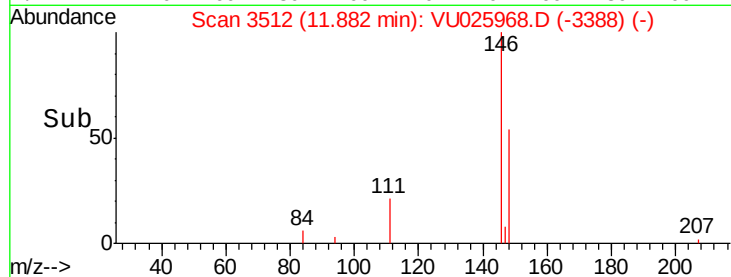
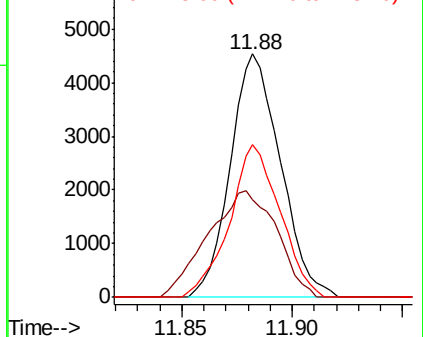


Abundance

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



#67

1,3,5-Trichlorobenzene

Concen: 2.779 ug/L

RT: 13.51 min Scan# 4018

Delta R.T. 0.62 min

Lab File: VU025968.D

Acq: 08 Aug 2018 03:46

Tgt Ion:180 Resp: 7157

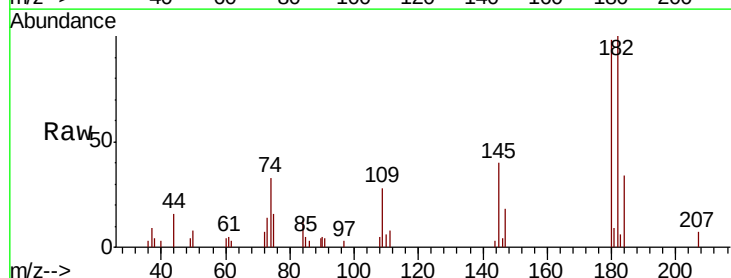
Ion Ratio Lower Upper

180 100

182 107.0 77.8 116.6

184 33.0 24.6 37.0

145 34.9 23.4 35.0



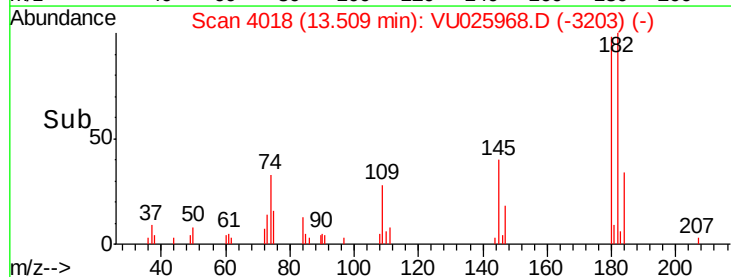
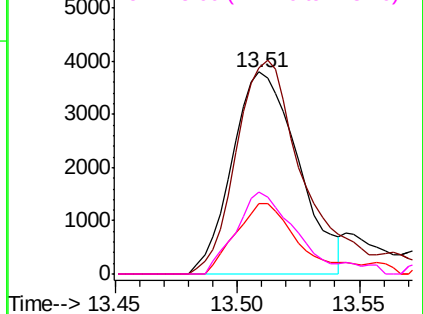
Abundance

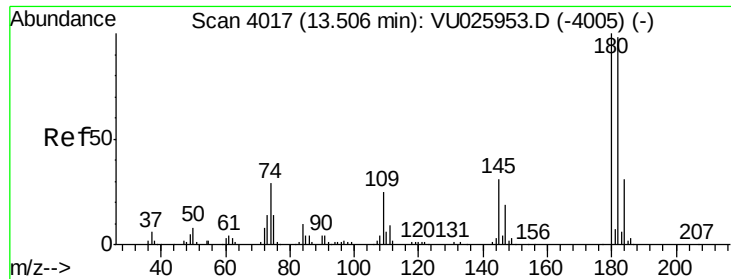
Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 3.202 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025968.D
 Acq: 08 Aug 2018 03:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.0	75.3	112.9
145	34.9	23.1	34.7

