

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024621.D
 Acq On : 16 Jun 2018 03:03
 Operator : MD/SY
 Sample : J3506-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0800

Quant Time: Jun 16 03:45:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 03:36:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304134	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	118869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68811	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.06%
7) Chloroethane-d5	1.68	69	60881	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.92%
11) 1,1-Dichloroethene-d2	2.27	63	111707	32.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.24%
21) 2-Butanone-d5	4.18	46	144031	98.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.02%
24) Chloroform-d	4.65	84	159447	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	5.31	65	105437	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
32) Benzene-d6	5.35	84	329322	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
36) 1,2-Dichloropropane-d6	6.34	67	111992	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.57	98	317179	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%
43) trans-1,3-Dichloropropene-	7.85	79	49362	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.78%
47) 2-Hexanone-d5	8.31	63	115301	102.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.78%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	154067	48.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	125149	54.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.12%

Target Compounds

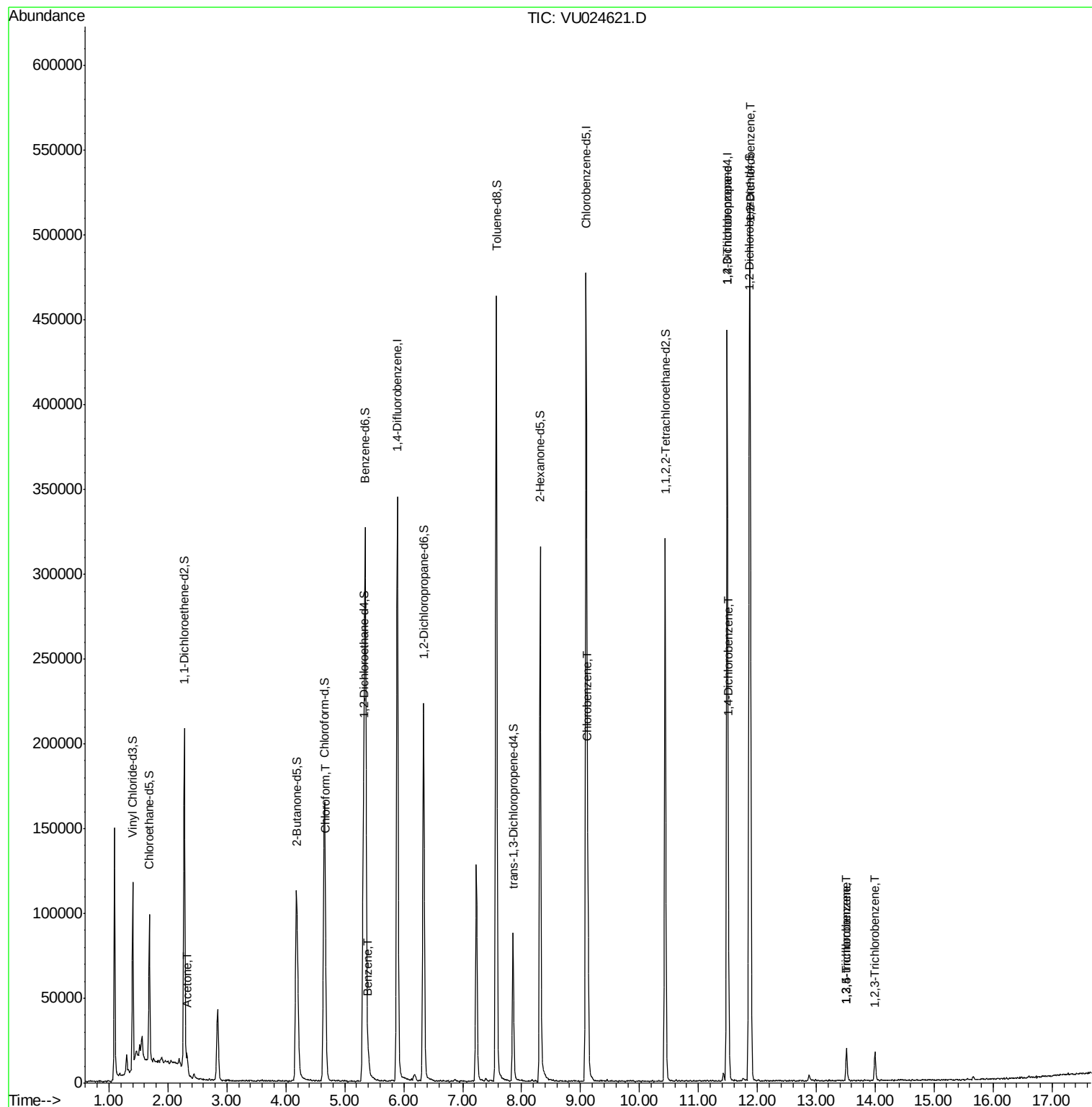
					Qvalue
13) Acetone	2.32	43	11188	7.133	ug/L 96
25) Chloroform	4.68	83	11959	3.088	ug/L 92
33) Benzene	5.40	78	11892	1.500	ug/L 100
51) Chlorobenzene	9.12	112	65616	11.115	ug/L 99
59) 1,2,3-Trichloropropane	11.49	75	18986	6.778	ug/L 91
63) 1,4-Dichlorobenzene	11.51	146	15202	3.774	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	100845	25.230	ug/L 98
67) 1,3,5-Trichlorobenzene	13.51	180	7287	2.282	ug/L 99
68) 1,2,4-trichlorobenzene	13.51	180	7287	2.744	ug/L 100
70) 1,2,3-Trichlorobenzene	13.99	180	6577	2.442	ug/L 96

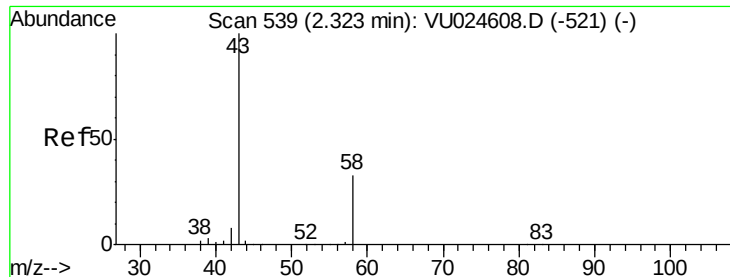
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 16 03:36:16 2018
Response via : Initial Calibration





#13

Acetone

Concen: 7.133 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024621.D

Acq: 16 Jun 2018 03:03

Instrument :

MSVOA_U

ClientSampleId :

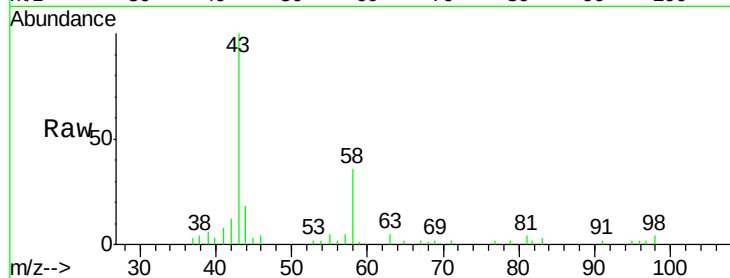
C0800

Tgt Ion: 43 Resp: 11188

Ion Ratio Lower Upper

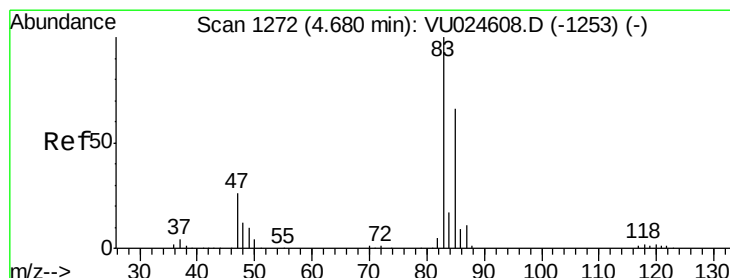
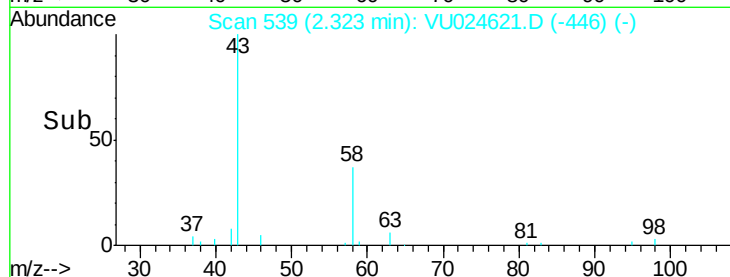
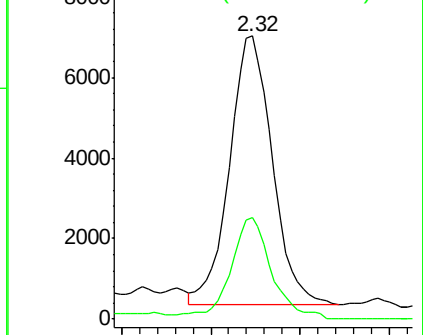
43 100

58 29.8 0.0 64.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 3.088 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024621.D

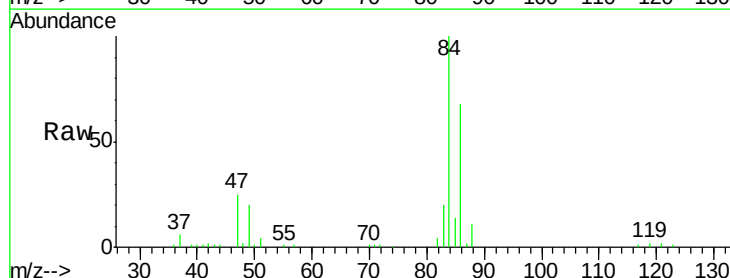
Acq: 16 Jun 2018 03:03

Tgt Ion: 83 Resp: 11959

Ion Ratio Lower Upper

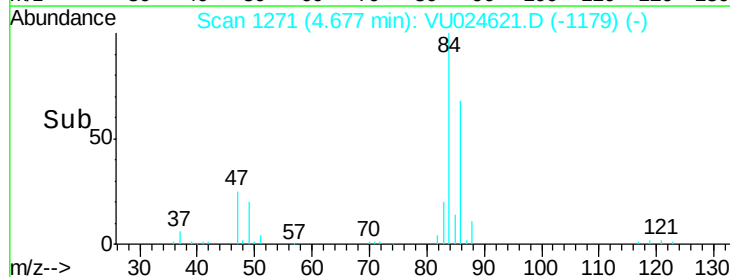
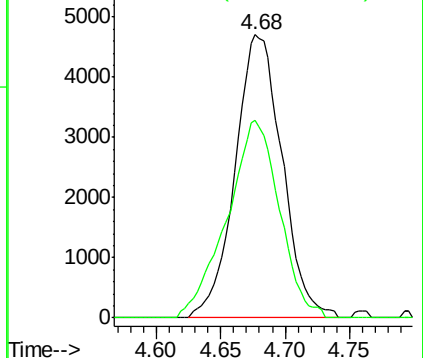
83 100

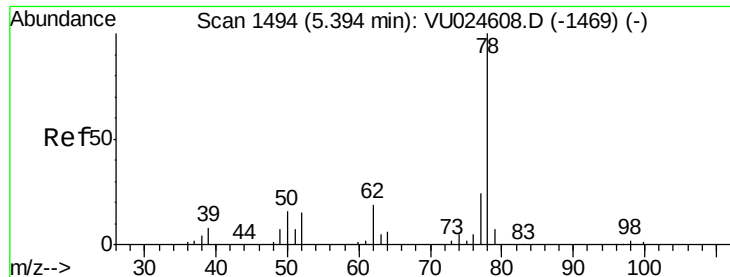
85 69.9 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#33

Benzene

Concen: 1.500 ug/L

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024621.D

Acq: 16 Jun 2018 03:03

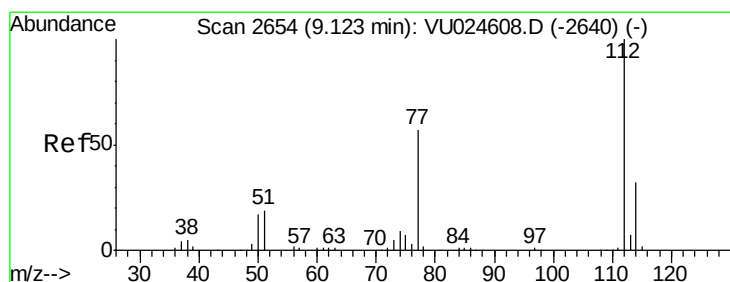
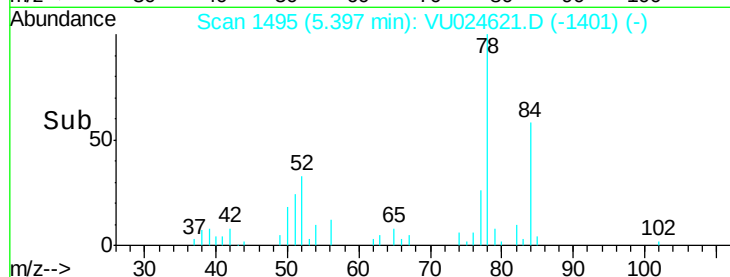
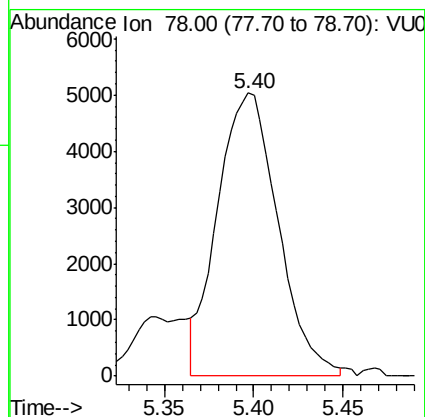
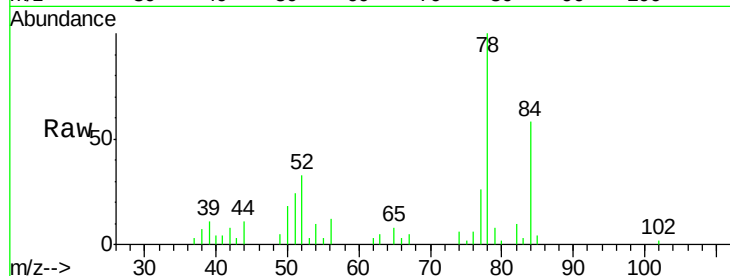
Instrument :

MSVOA_U

ClientSampleId :

C0800

Tgt Ion: 78 Resp: 11892



#51

Chlorobenzene

Concen: 11.115 ug/L

RT: 9.12 min Scan# 2654

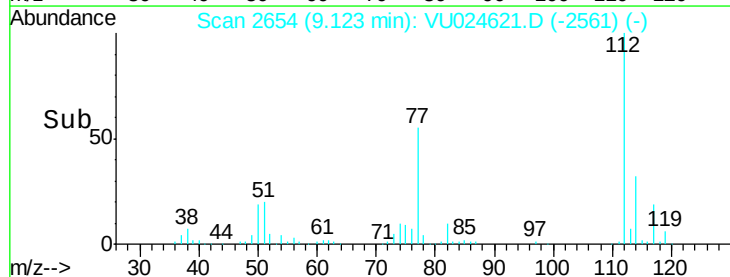
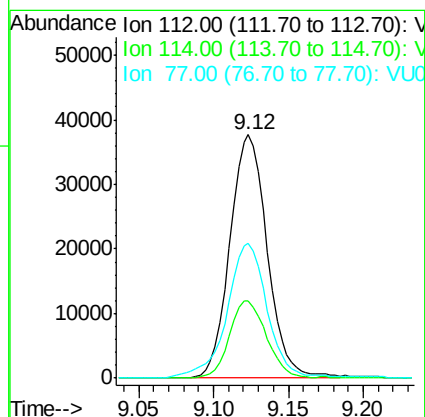
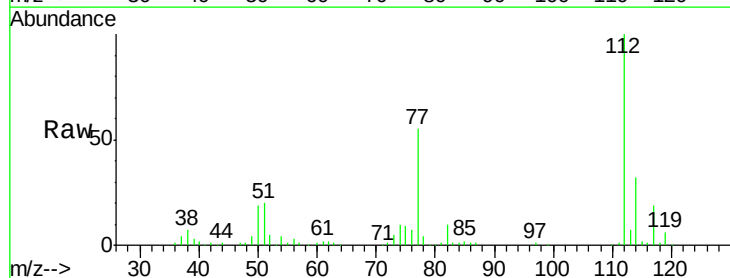
Delta R.T. 0.00 min

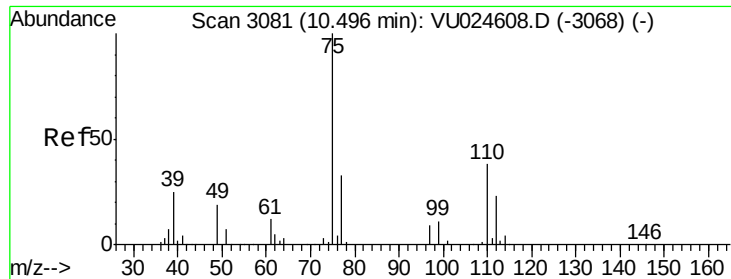
Lab File: VU024621.D

Acq: 16 Jun 2018 03:03

Tgt Ion: 112 Resp: 65616

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.1
77	55.2	45.0	67.6





#59

1,2,3-Trichloropropane

Concen: 6.778 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024621.D

Acq: 16 Jun 2018 03:03

Instrument :

MSVOA_U

ClientSampled :

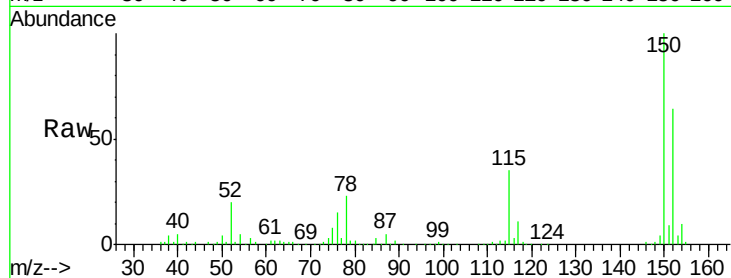
C0800

Tgt Ion: 75 Resp: 18986

Ion Ratio Lower Upper

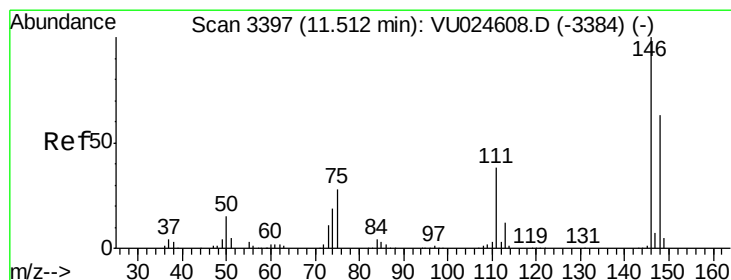
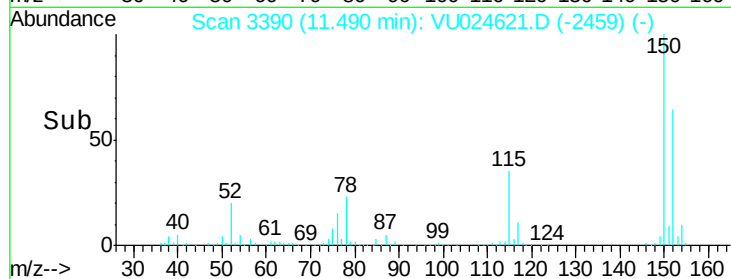
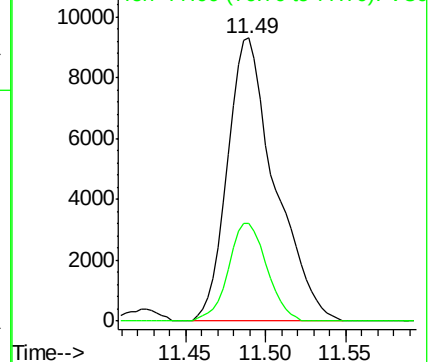
75 100

77 27.9 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#63

1,4-Dichlorobenzene

Concen: 3.774 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU024621.D

Acq: 16 Jun 2018 03:03

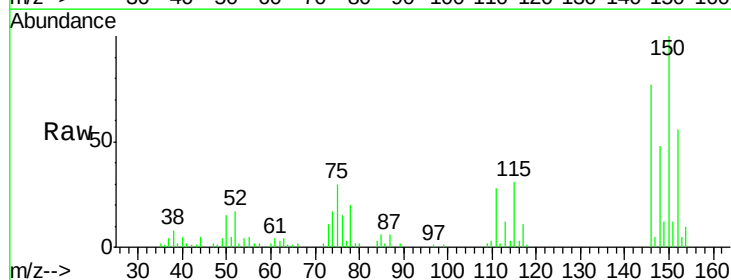
Tgt Ion: 146 Resp: 15202

Ion Ratio Lower Upper

146 100

111 36.6 26.5 49.1

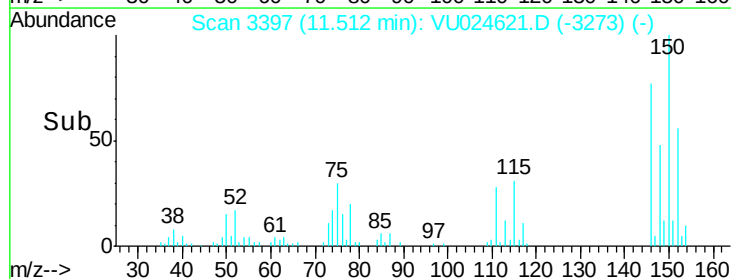
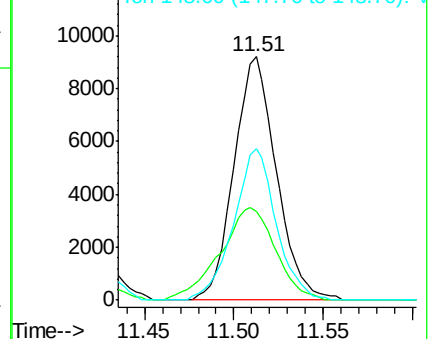
148 62.4 44.6 82.8

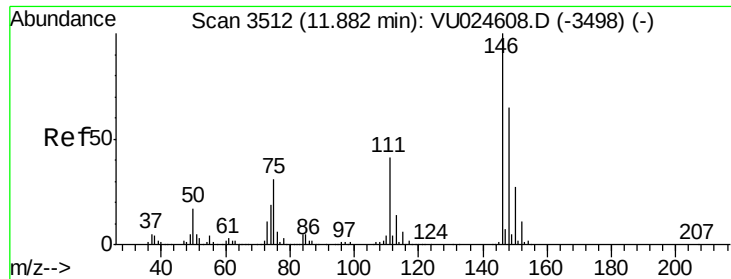


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

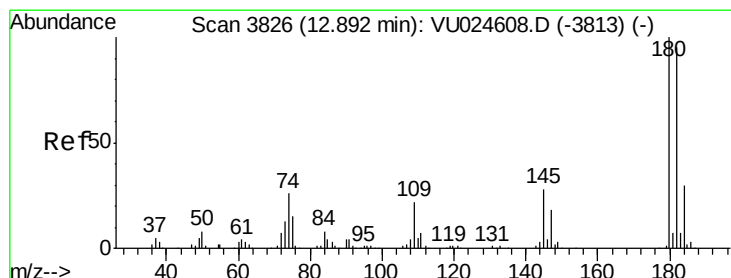
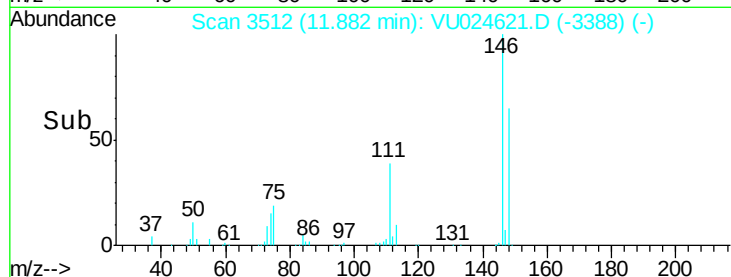
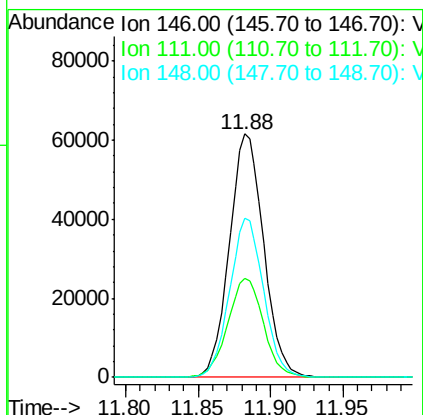
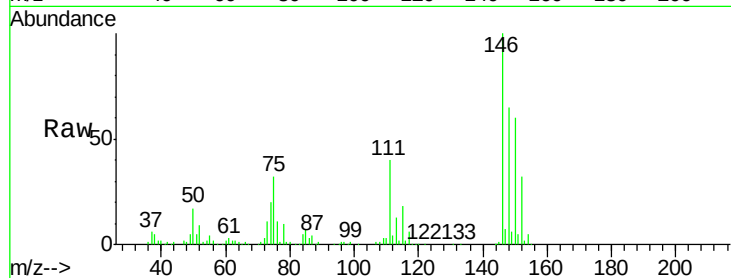




#65
 1,2-Dichlorobenzene
 Concen: 25.230 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024621.D
 Acq: 16 Jun 2018 03:03

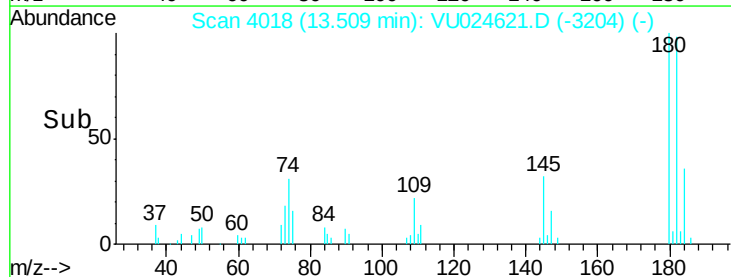
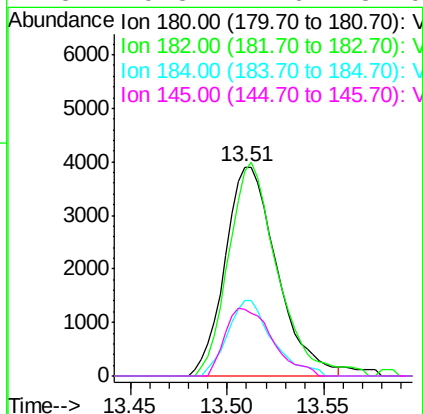
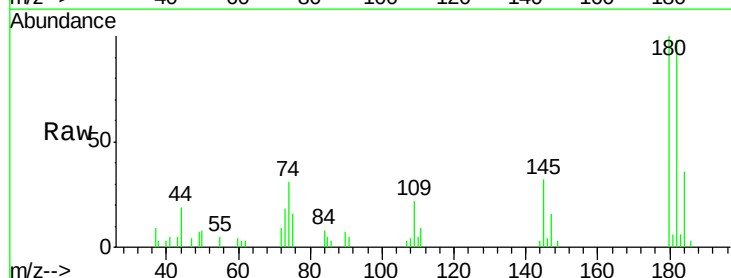
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 ClientSampleId :
 C0800

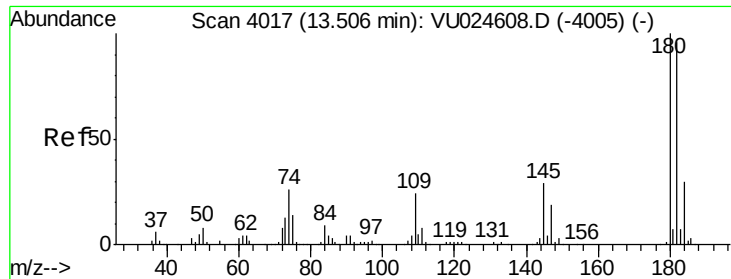
Tgt Ion:146 Resp: 100845
 Ion Ratio Lower Upper
 146 100
 111 40.5 32.2 48.4
 148 65.3 50.8 76.2



#67
 1,3,5-Trichlorobenzene
 Concen: 2.282 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU024621.D
 Acq: 16 Jun 2018 03:03

Tgt Ion:180 Resp: 7287
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.4
 184 31.2 24.7 37.1
 145 29.8 22.6 34.0

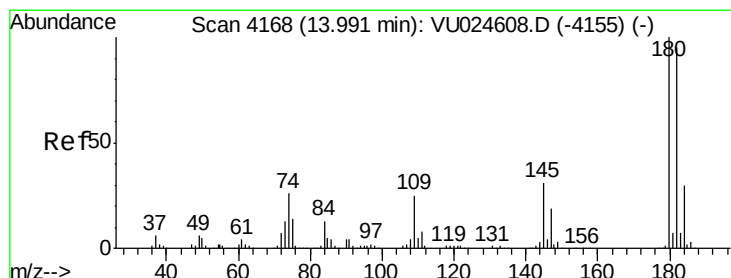
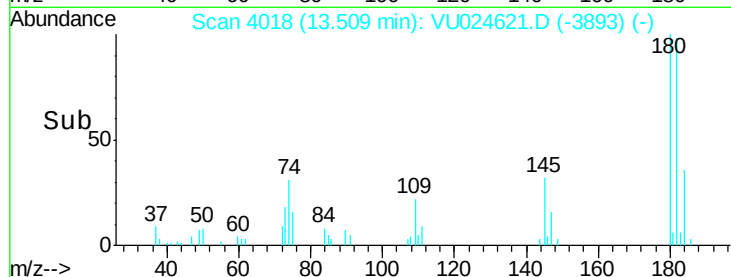
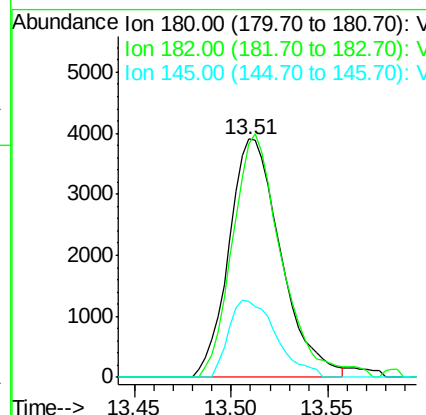
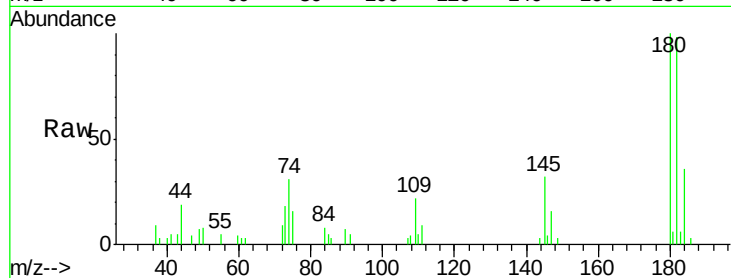




#68
 1,2,4-trichlorobenzene
 Concen: 2.744 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU024621.D
 Acq: 16 Jun 2018 03:03

Instrument :
 MSVOA_U
 ClientSampled :
 C0800

Tgt Ion:180 Resp: 7287
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 145 29.8 23.0 34.6



#70
 1,2,3-Trichlorobenzene
 Concen: 2.442 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.00 min
 Lab File: VU024621.D
 Acq: 16 Jun 2018 03:03

Tgt Ion:180 Resp: 6577
 Ion Ratio Lower Upper
 180 100
 182 92.2 76.4 114.6
 145 28.0 24.5 36.7

