

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027492.D
 Acq On : 08 Oct 2018 12:09
 Operator : MD/SY
 Sample : J5250-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0910

Quant Time: Oct 10 11:05:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 04:55:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	198804	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186575	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85090	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66988	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.64%
7) Chloroethane-d5	1.68	69	54168	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.27	63	98479	33.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.12%
21) 2-Butanone-d5	4.18	46	136214	107.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.85%
24) Chloroform-d	4.65	84	124267	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.31	65	87497	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
32) Benzene-d6	5.34	84	249790	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
36) 1,2-Dichloropropane-d6	6.33	67	89992	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.57	98	212608	44.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.96%
43) trans-1,3-Dichloropropene-	7.85	79	40544	45.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.88%
47) 2-Hexanone-d5	8.31	63	94889	102.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117768	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	82889	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%

Target Compounds

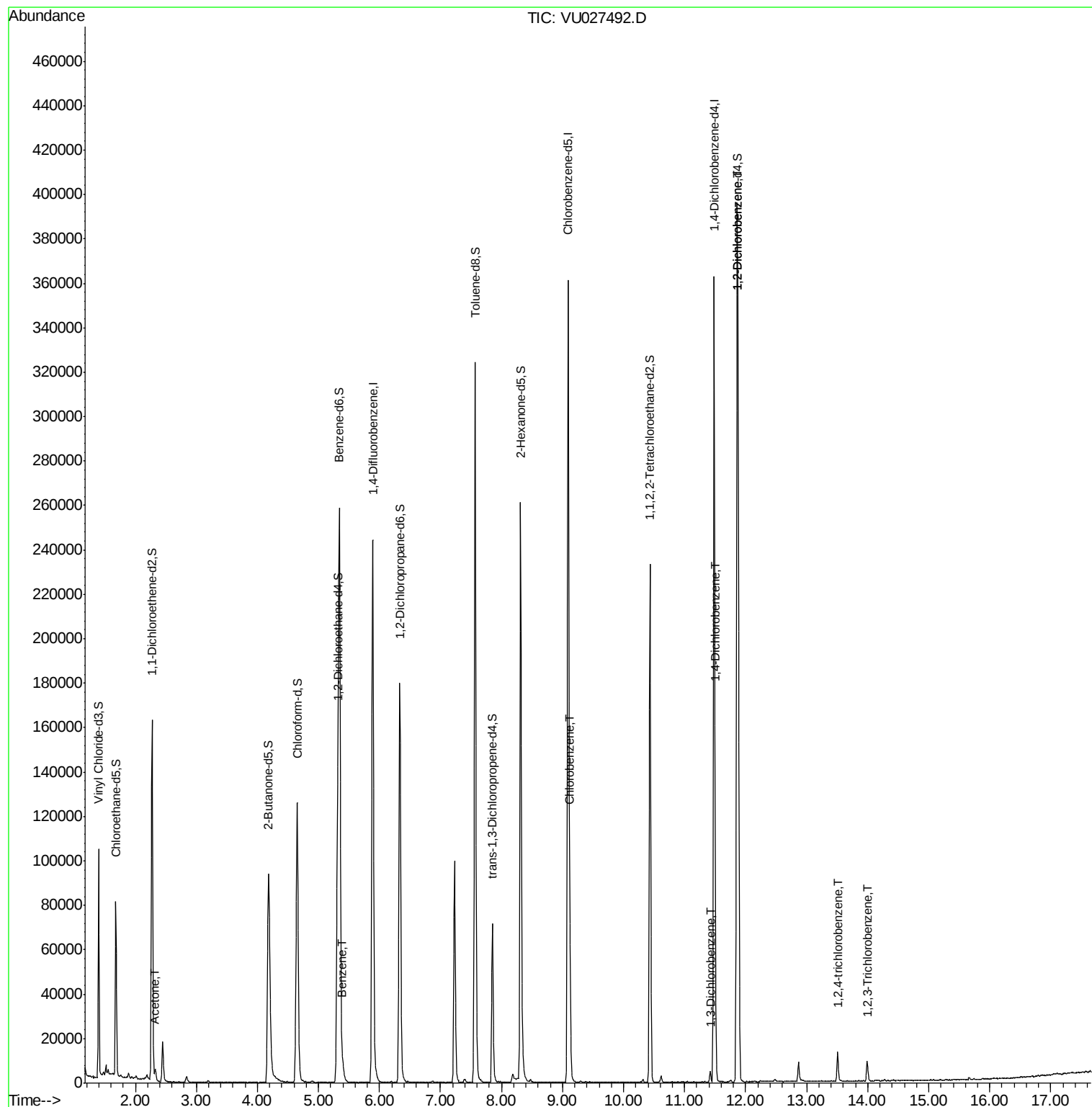
					Ovalue
13) Acetone	2.32	43	4319	4.169 ug/L	99
33) Benzene	5.39	78	5241	0.855 ug/L	100
51) Chlorobenzene	9.12	112	29900	7.688 ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	2225	0.840 ug/L	89
63) 1,4-Dichlorobenzene	11.51	146	7393	2.676 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	92626	34.358 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	4818	2.561 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	3604	1.884 ug/L	96

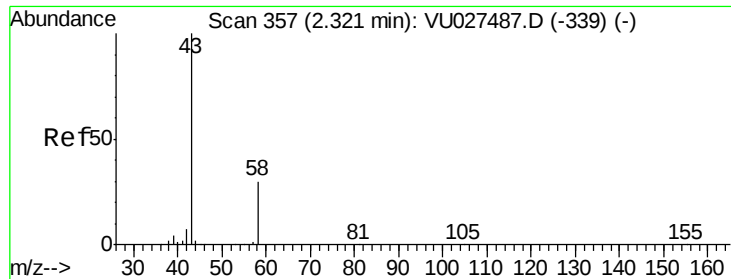
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.169 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027492.D

Acq: 08 Oct 2018 12:09

Instrument :

MSVOA_U

ClientSampleId :

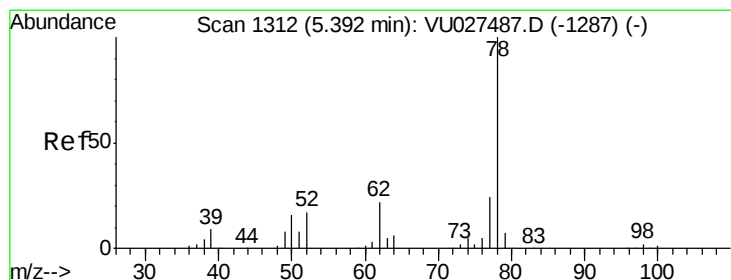
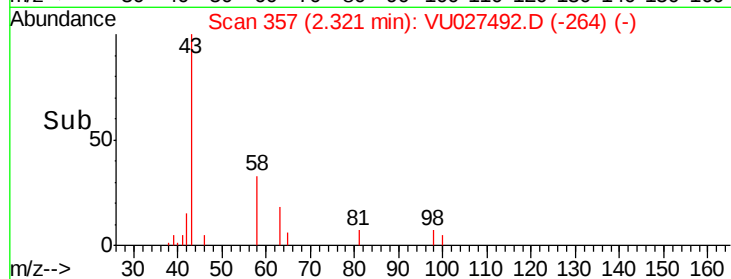
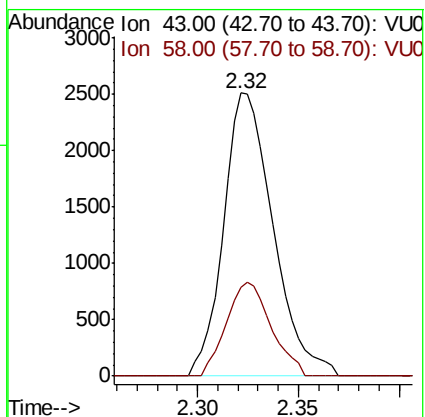
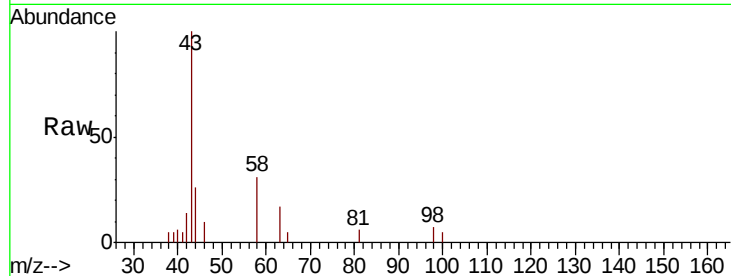
C0910

Tot Ion: 43 Resp: 4319

Ion Ratio Lower Upper

43 100

58 29.9 0.0 60.8



#33

Benzene

Concen: 0.855 ug/L

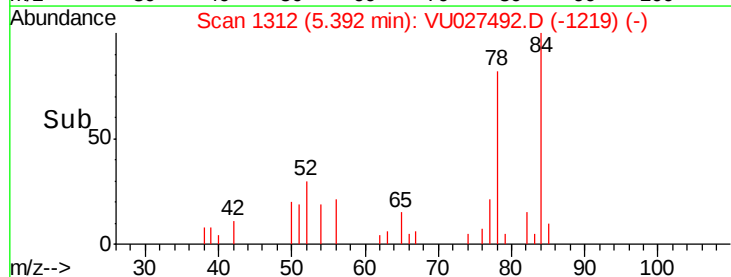
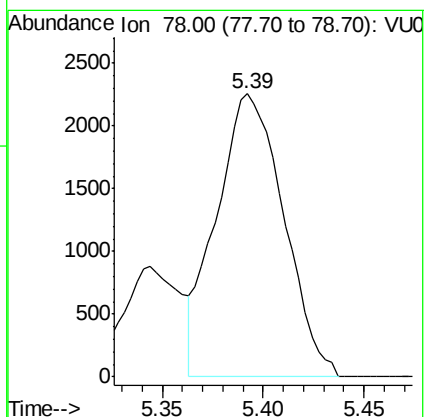
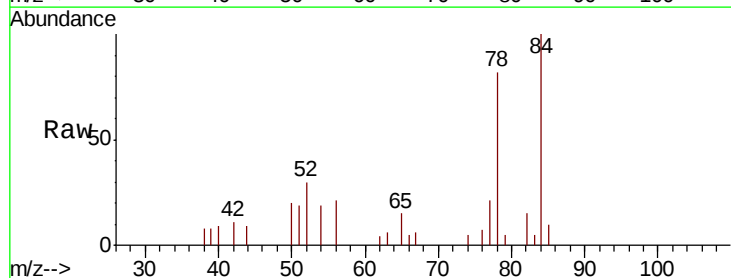
RT: 5.39 min Scan# 1312

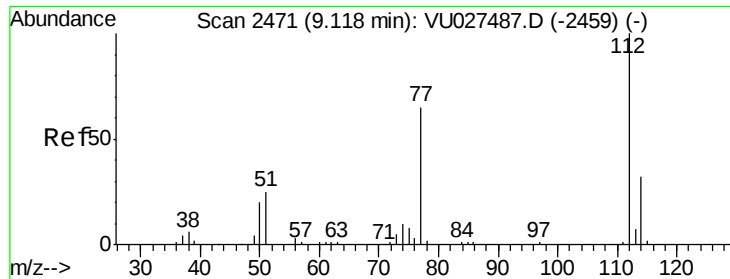
Delta R.T. 0.00 min

Lab File: VU027492.D

Acq: 08 Oct 2018 12:09

Tgt Ion: 78 Resp: 5241

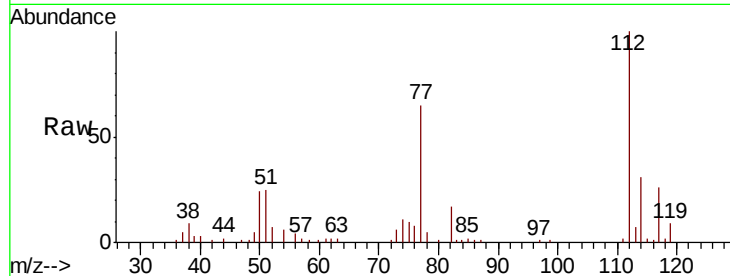




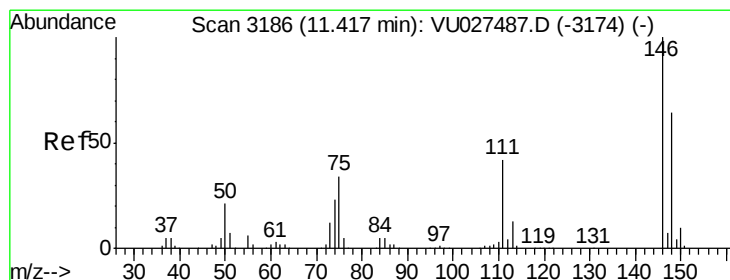
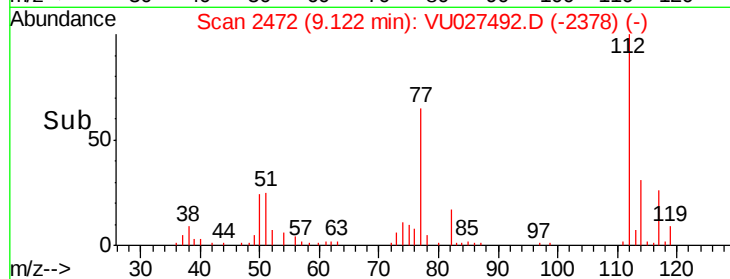
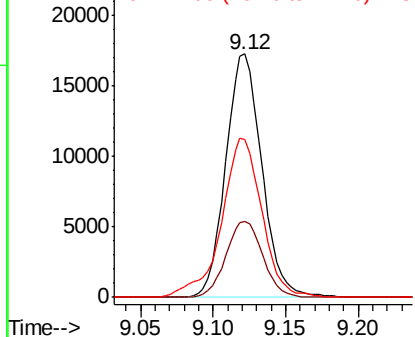
#51
Chlorobenzene
Concen: 7.688 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027492.D
Acq: 08 Oct 2018 12:09

Instrument :
MSVOA_U
ClientSampled :
C0910

Tot Ion:112 Resp: 29900
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 64.8 51.7 77.5

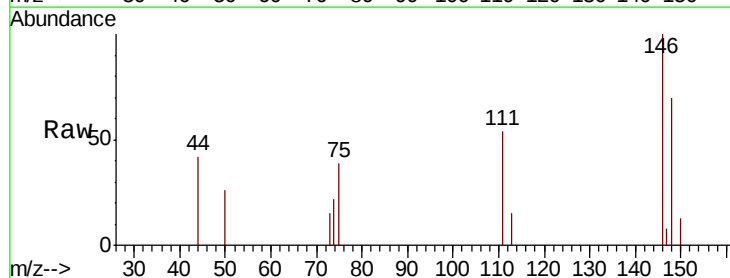


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

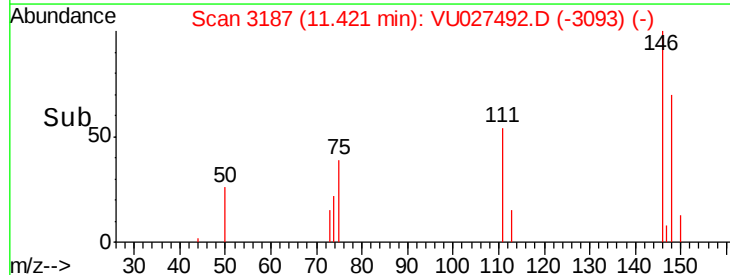
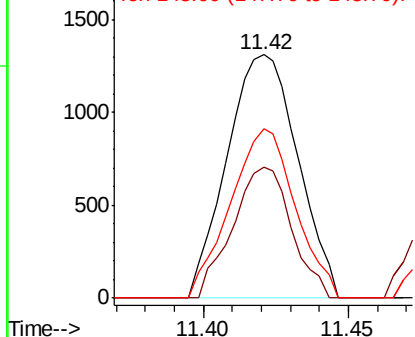


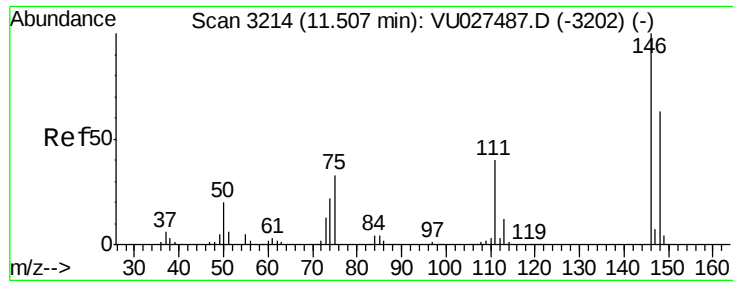
#62
1,3-Dichlorobenzene
Concen: 0.840 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU027492.D
Acq: 08 Oct 2018 12:09

Tgt Ion:146 Resp: 2225
Ion Ratio Lower Upper
146 100
111 53.6 29.0 53.8
148 69.7 45.4 84.2



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

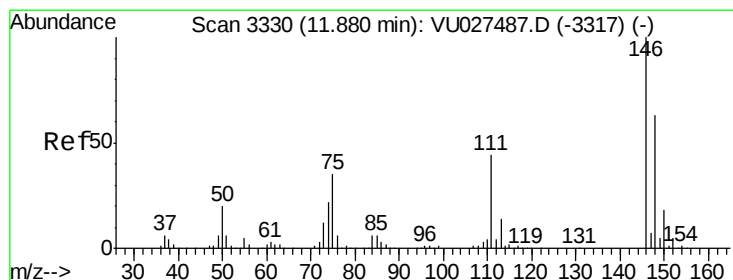
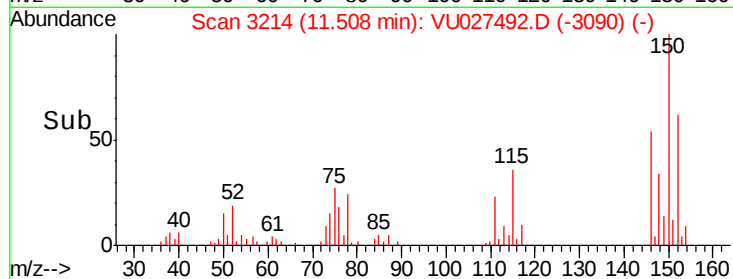
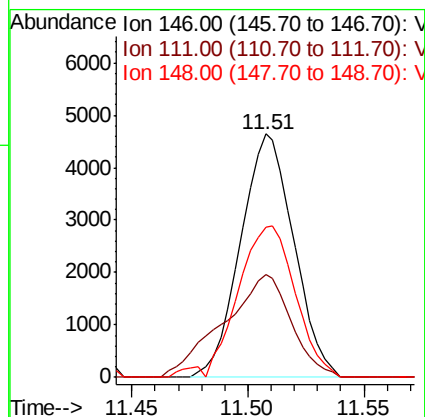
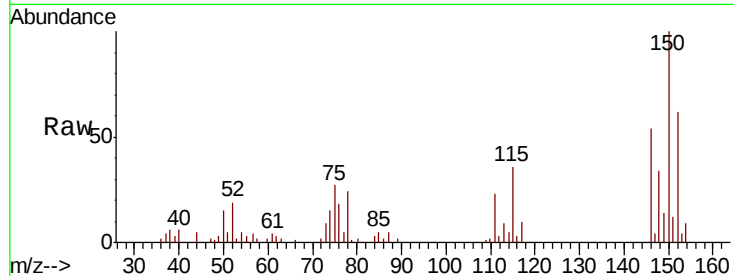




#63
 1,4-Dichlorobenzene
 Concen: 2.676 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

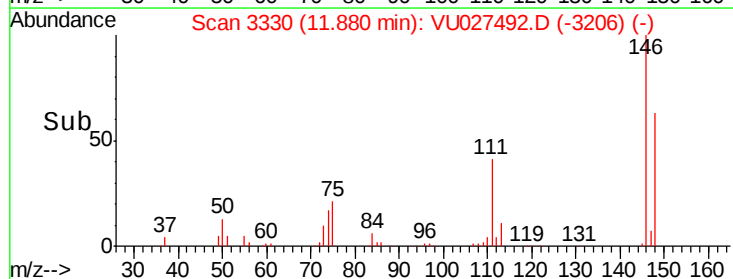
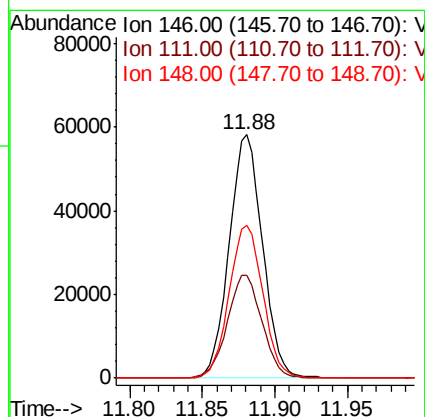
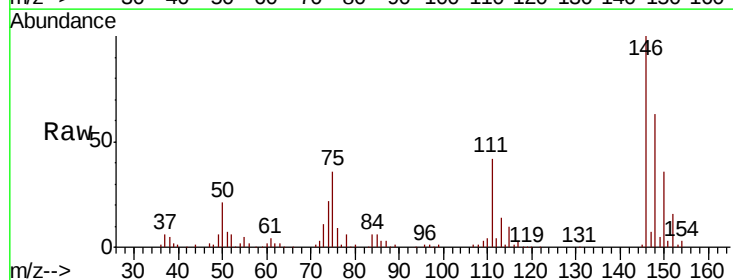
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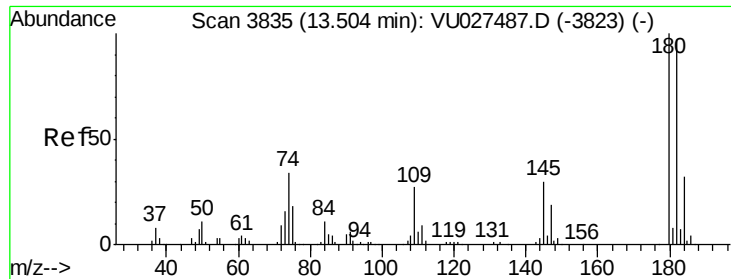
Tot Ion:146 Resp: 7393
 Ion Ratio Lower Upper
 146 100
 111 42.5 28.1 52.1
 148 61.8 44.4 82.5



#65
 1,2-Dichlorobenzene
 Concen: 34.358 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Tgt Ion:146 Resp: 92626
 Ion Ratio Lower Upper
 146 100
 111 42.2 34.9 52.3
 148 62.8 51.6 77.4

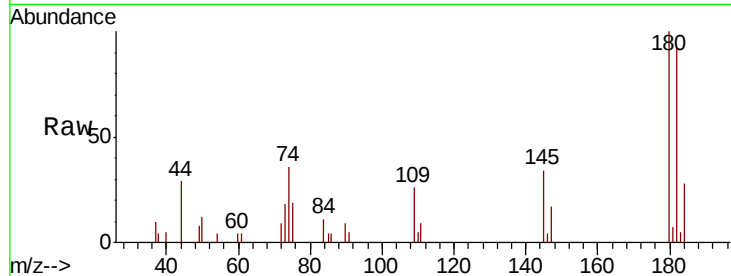




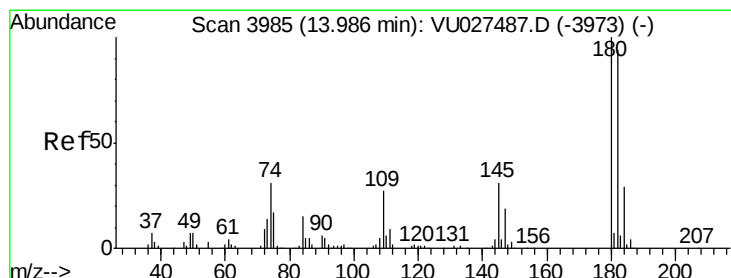
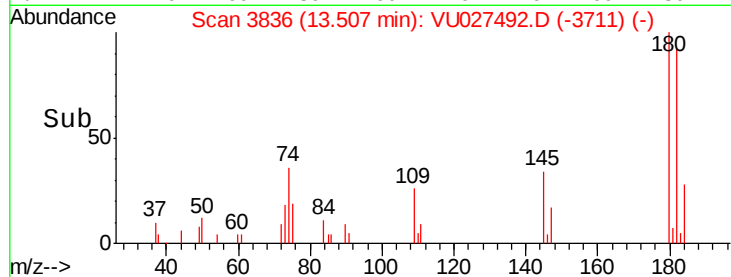
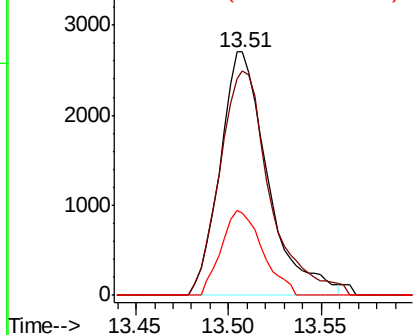
#68
 1,2,4-trichlorobenzene
 Concen: 2.561 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0910

Tot Ion:180 Resp: 4818
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.3 114.5
 145 30.0 24.2 36.2

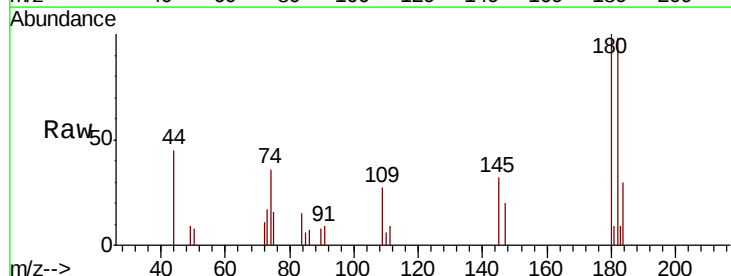


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 1.884 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Tgt Ion:180 Resp: 3604
 Ion Ratio Lower Upper
 180 100
 182 100.2 77.4 116.0
 145 28.1 25.5 38.3



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

