

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100818\
 Data File : VU027490.D
 Acq On : 08 Oct 2018 11:23
 Operator : MD/SY
 Sample : J5250-05DL 1000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0913DL

Quant Time: Oct 09 08:56:15 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	174195	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77830	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69183	50.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.94%
7) Chloroethane-d5	1.68	69	57849	54.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.56%
11) 1,1-Dichloroethene-d2	2.27	63	103914	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.82%
21) 2-Butanone-d5	4.18	46	139107	125.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.70%
24) Chloroform-d	4.65	84	131500	59.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.94%
26) 1,2-Dichloroethane-d4	5.31	65	91458	59.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.04%
32) Benzene-d6	5.34	84	266161	56.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.34%
36) 1,2-Dichloropropane-d6	6.33	67	96829	60.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.38%#
41) Toluene-d8	7.57	98	226431	53.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.88%
43) trans-1,3-Dichloropropene-	7.85	79	42857	55.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.58%
47) 2-Hexanone-d5	8.31	63	98489	121.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125175	59.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	88291	57.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.96%

Target Compounds

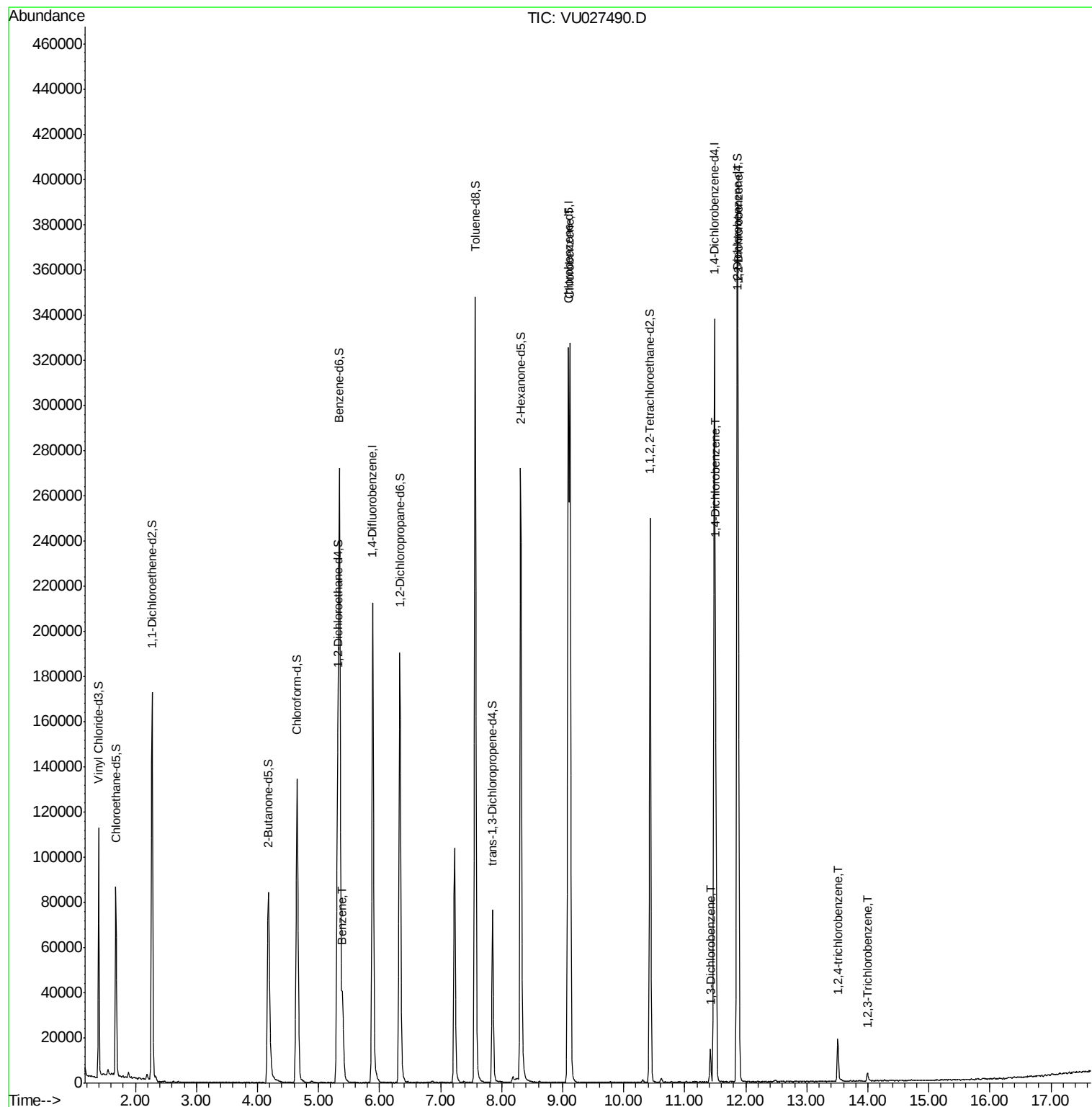
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.39	78	32604	6.055	ug/L	100
51) Chlorobenzene	9.12	112	156466	45.805	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	5871	2.424	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	51440	20.359	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	61434	24.914	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	6928	4.025	ug/L	94
70) 1,2,3-Trichlorobenzene	13.99	180	1817	1.038	ug/L #	91

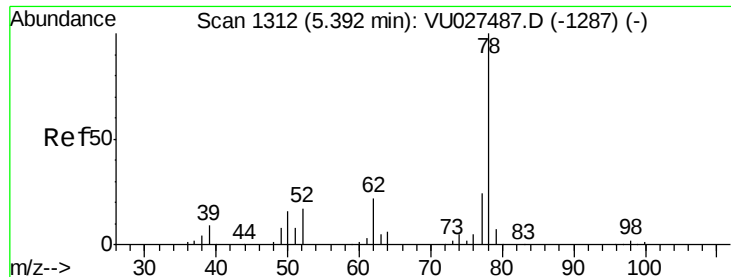
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 04:55:00 2018
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#33

Benzene

Concen: 6.055 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027490.D

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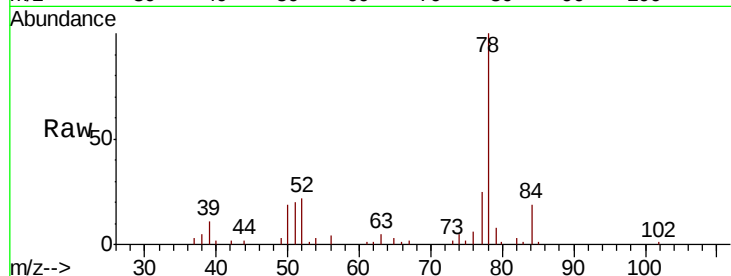
Instrument :

MSVOA_U

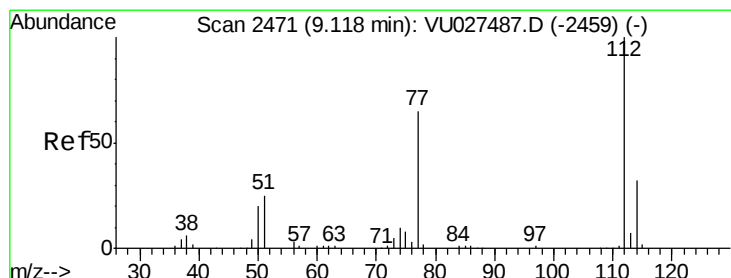
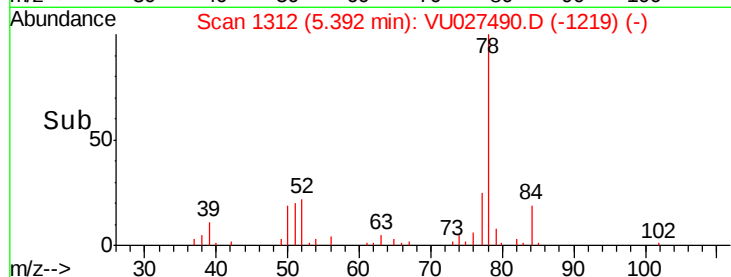
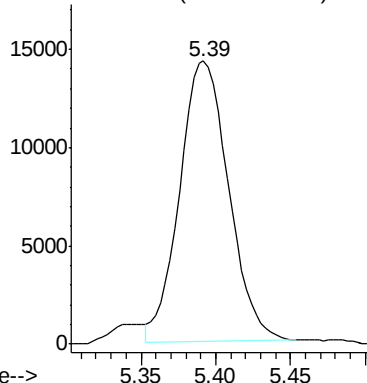
ClientSampleId :

C0913DL

Tgt Ion: 78 Resp: 32604



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 45.805 ug/L

RT: 9.12 min Scan# 2471

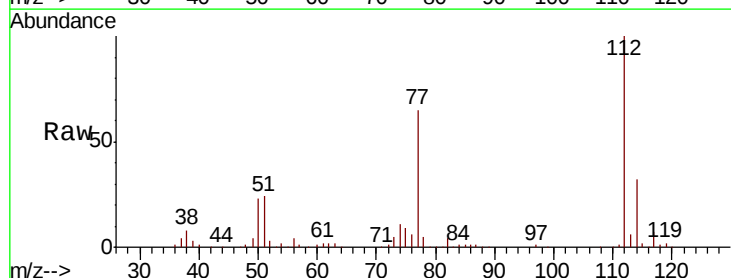
Delta R.T. 0.00 min

Lab File: VU027490.D

Acq: 08 Oct 2018 11:23

Tgt Ion: 112 Resp: 156466

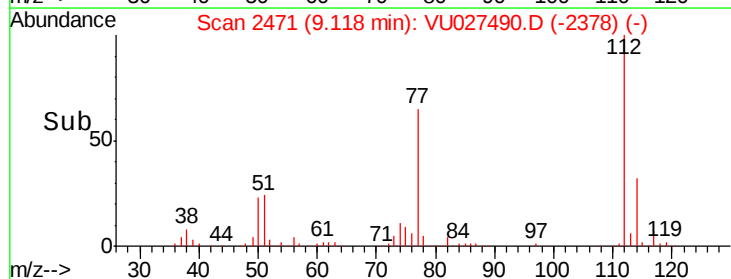
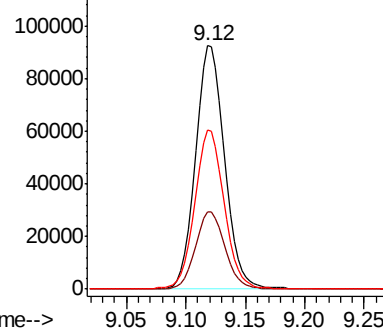
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.3	41.5
77	65.5	51.7	77.5

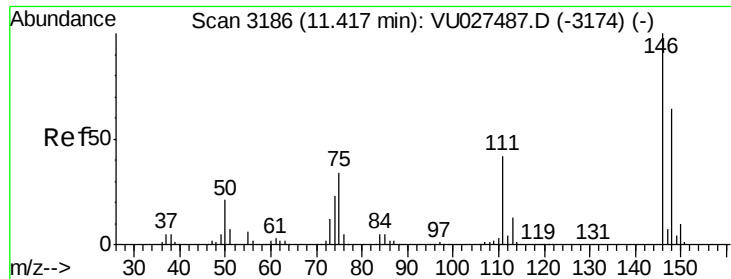


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

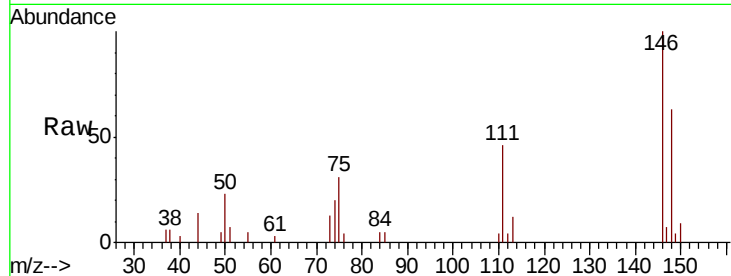




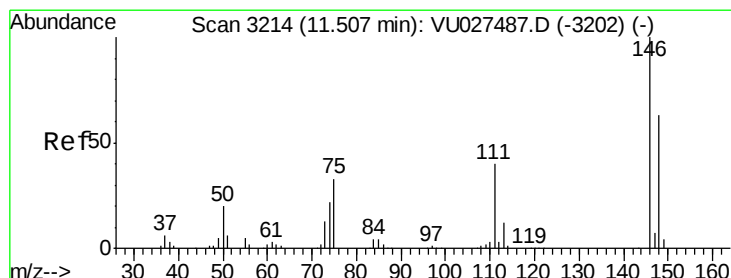
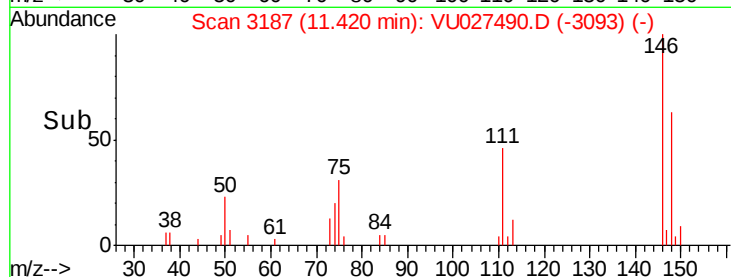
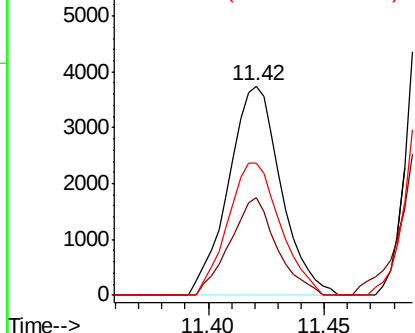
#62
 1,3-Dichlorobenzene
 Concen: 2.424 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0913DL

Tot Ion:146 Resp: 5871
 Ion Ratio Lower Upper
 146 100
 111 46.4 29.0 53.8
 148 63.3 45.4 84.2

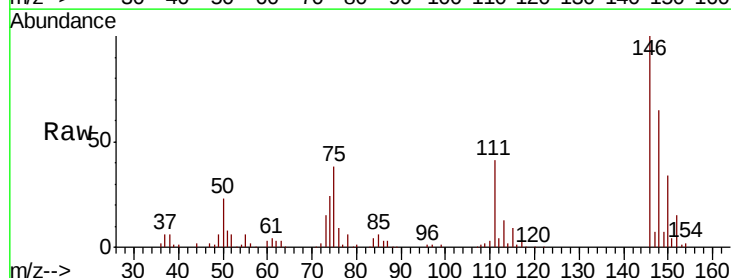


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

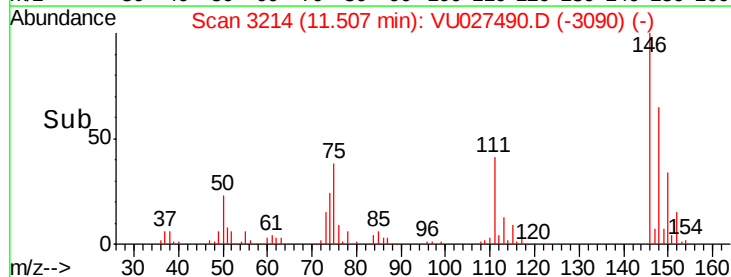
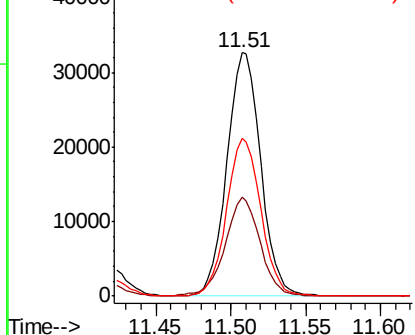


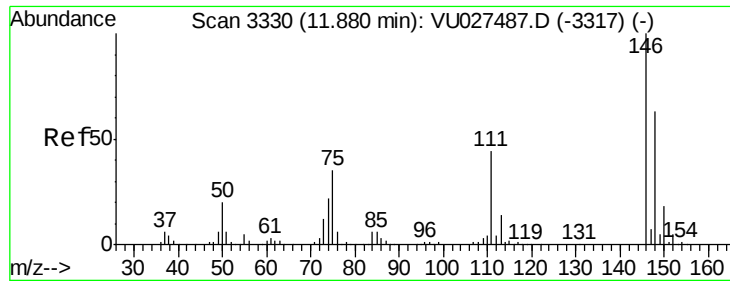
#63
 1,4-Dichlorobenzene
 Concen: 20.359 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

Tgt Ion:146 Resp: 51440
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.1 52.1
 148 64.7 44.4 82.5



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

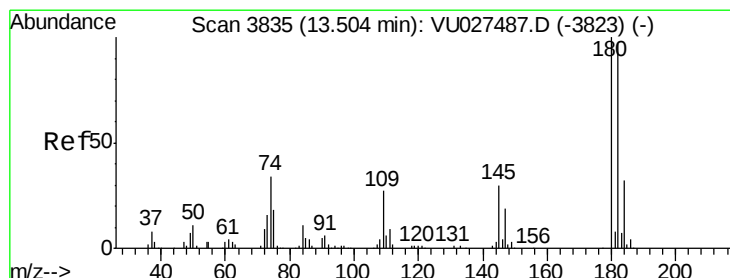
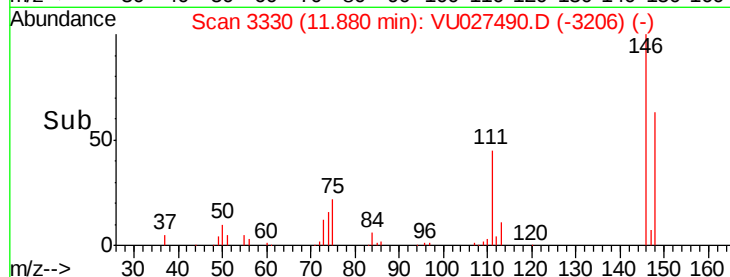
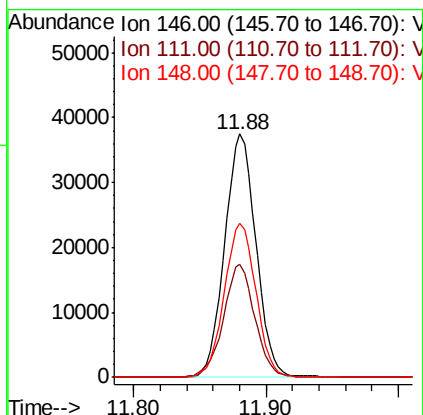
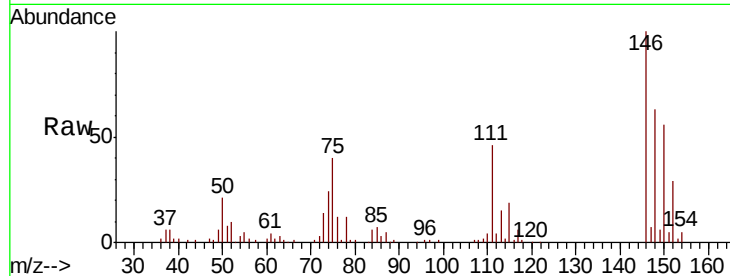




#65
 1,2-Dichlorobenzene
 Concen: 24.914 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

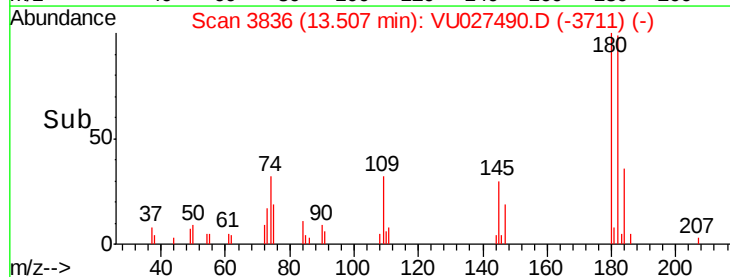
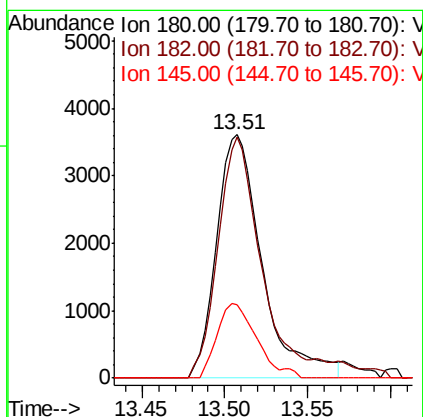
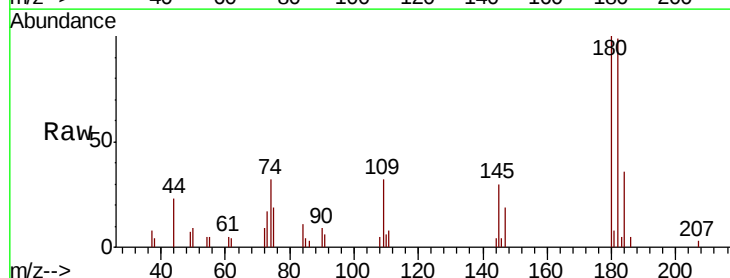
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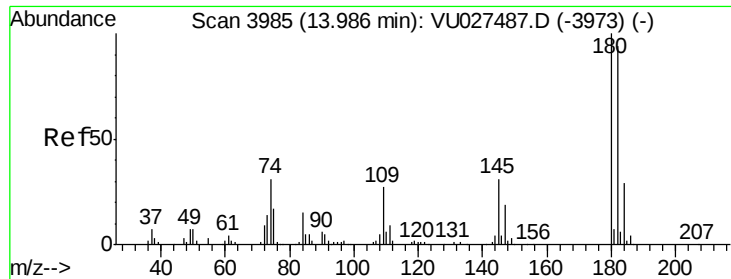
Tot Ion:146 Resp: 61434
 Ion Ratio Lower Upper
 146 100
 111 46.4 34.9 52.3
 148 63.3 51.6 77.4



#68
 1,2,4-trichlorobenzene
 Concen: 4.025 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

Tgt Ion:180 Resp: 6928
 Ion Ratio Lower Upper
 180 100
 182 90.9 76.3 114.5
 145 25.4 24.2 36.2





#70
 1,2,3-Trichlorobenzene
 Concen: 1.038 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU027490.D
 Acq: 08 Oct 2018 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0913DL

Tot Ion	Ion	Ratio	Lower	Upper
180	180	100		
182	182	98.0	77.4	116.0
145	145	14.4	25.5	38.3

