

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026879.D
 Acq On : 18 Sep 2018 21:50
 Operator : MD/SY
 Sample : J4896-06DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K9DL

Quant Time: Sep 19 08:03:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 07:38:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	222805	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	215252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55473	33.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.32%
7) Chloroethane-d5	1.68	69	54029	38.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.27	63	84350	27.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.10%#
21) 2-Butanone-d5	4.18	46	122261	111.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.78%
24) Chloroform-d	4.65	84	131923	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.30%
26) 1,2-Dichloroethane-d4	5.31	65	87320	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
32) Benzene-d6	5.34	84	248183	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.28%
36) 1,2-Dichloropropane-d6	6.33	67	86759	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.28%
41) Toluene-d8	7.57	98	201507	36.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.94%#
43) trans-1,3-Dichloropropene-	7.85	79	34458	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.42%
47) 2-Hexanone-d5	8.31	63	81388	106.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128065	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	92314	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%

Target Compounds

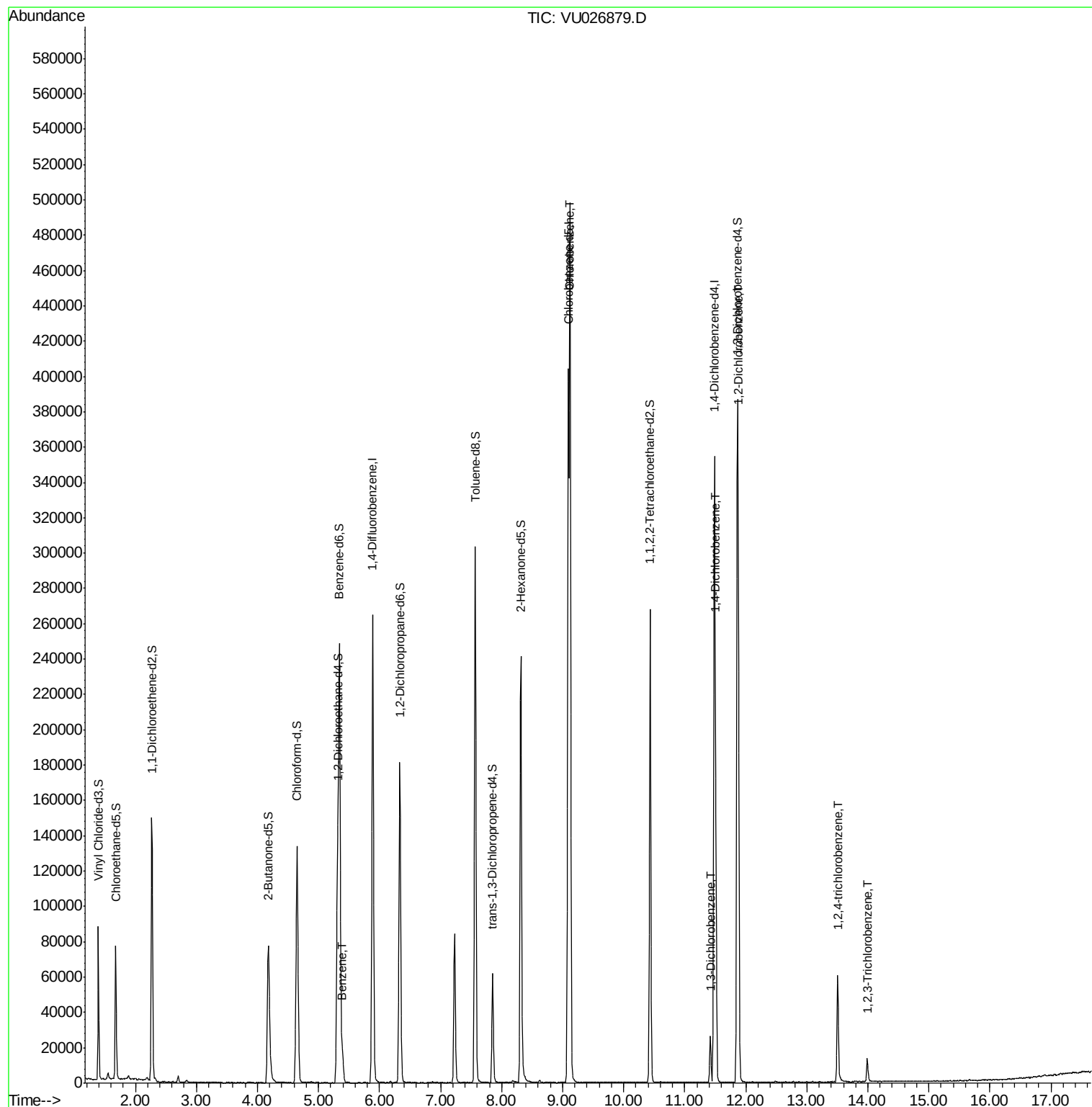
					Ovalue
33) Benzene	5.39	78	17102	2.563	ug/L 100
51) Chlorobenzene	9.12	112	264563	57.733	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	11592	4.158	ug/L 94
63) 1,4-Dichlorobenzene	11.51	146	57167	18.624	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	85523	27.708	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	22295	11.994	ug/L 97
70) 1,2,3-Trichlorobenzene	13.99	180	5993	2.928	ug/L 95

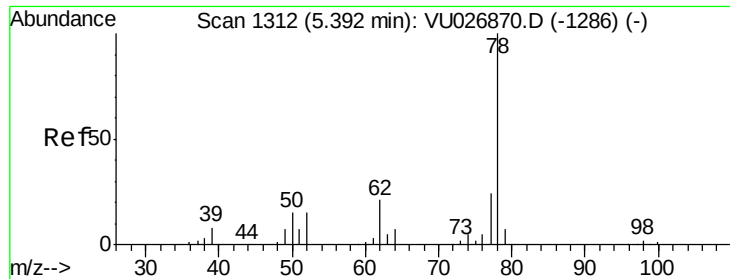
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 2.563 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

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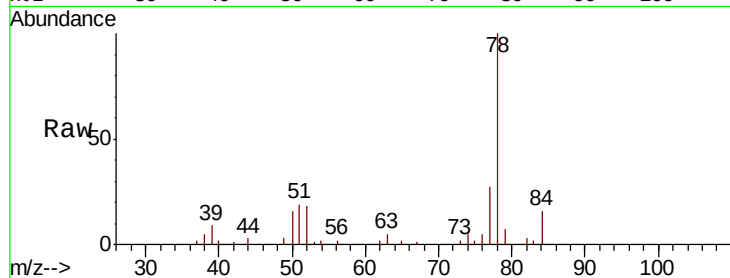
Instrument :

MSVOA_U

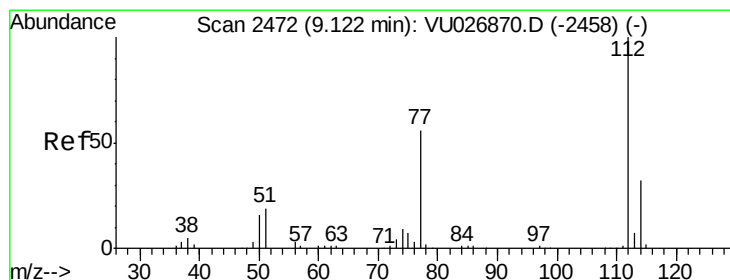
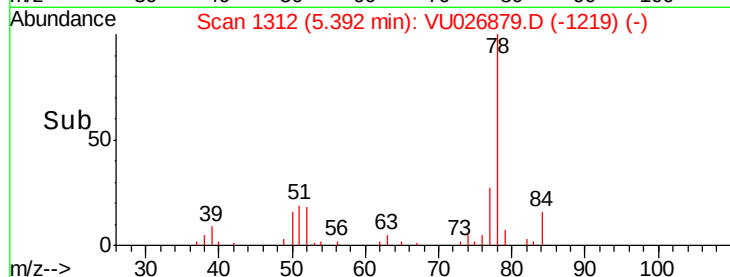
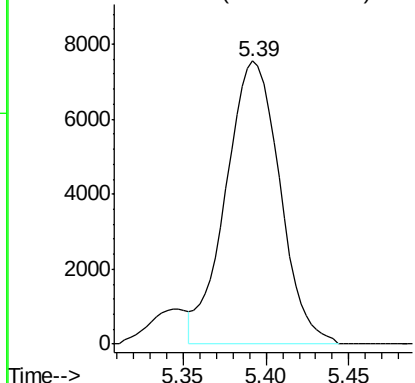
ClientSampleId :

C08K9DL

Tgt Ion: 78 Resp: 17102



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 57.733 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026879.D

Acq: 18 Sep 2018 21:50

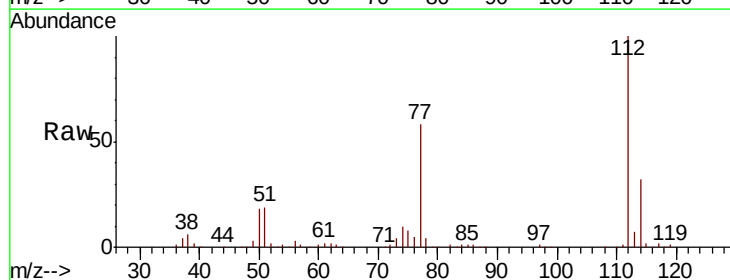
Tgt Ion: 112 Resp: 264563

Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

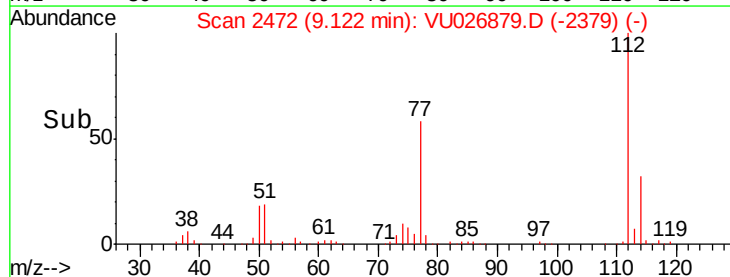
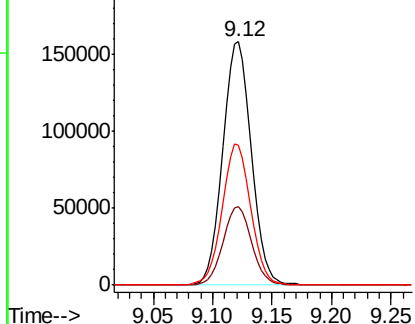
77 57.7 45.1 67.7

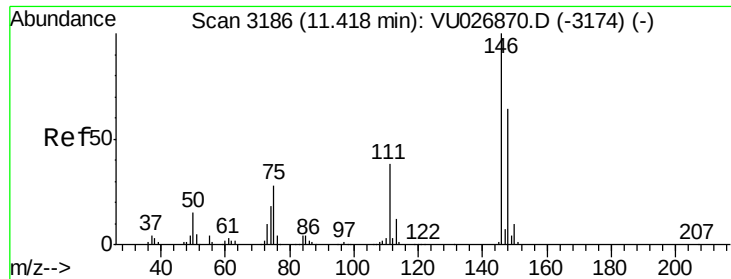


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

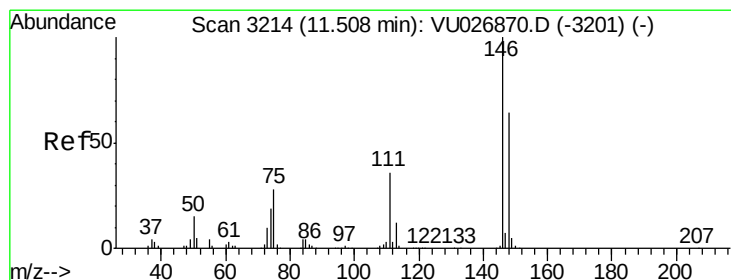
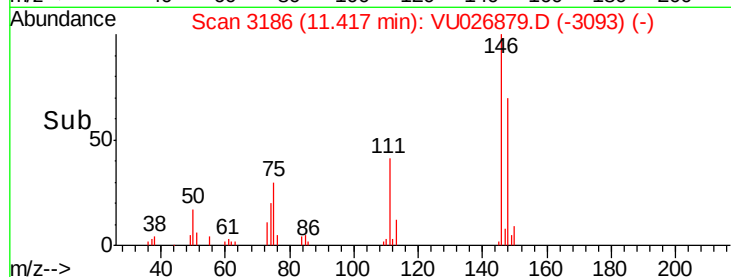
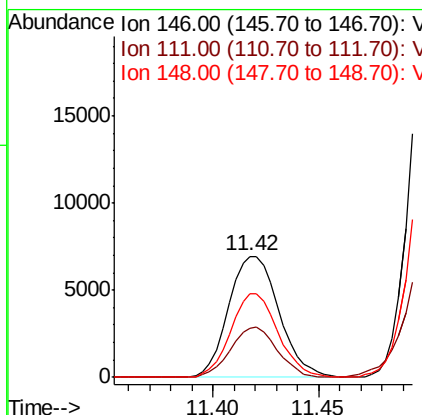
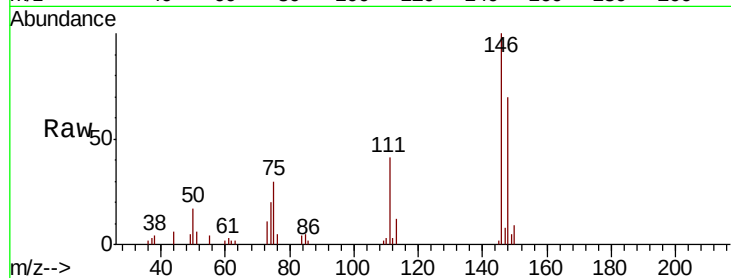




#62
 1,3-Dichlorobenzene
 Concen: 4.158 ug/L
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU026879.D
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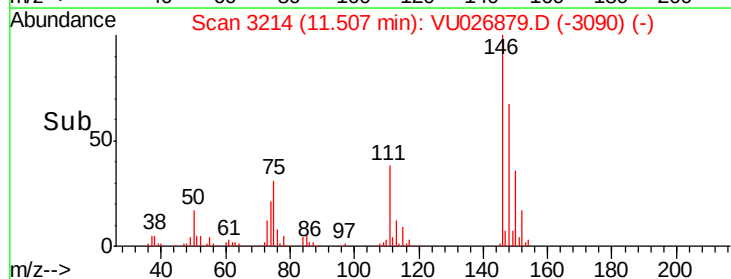
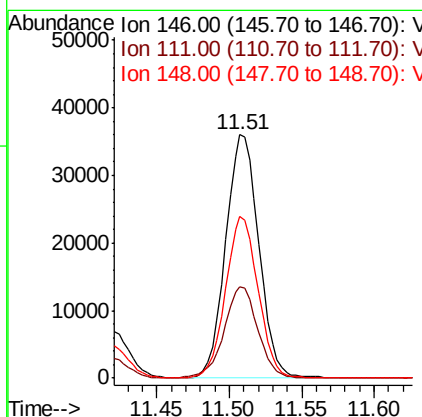
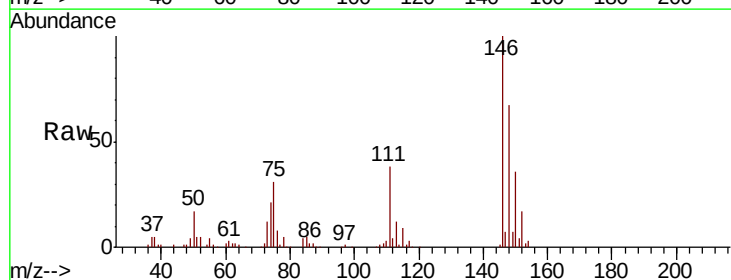
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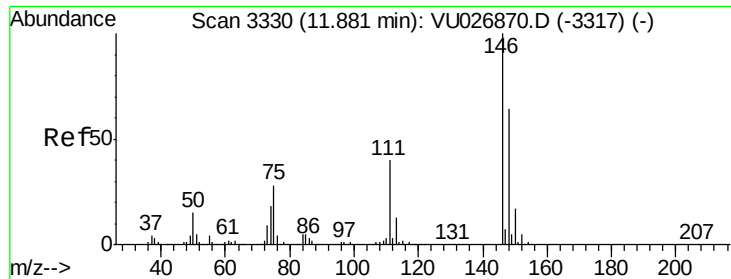
Tot Ion:146 Resp: 11592
 Ion Ratio Lower Upper
 146 100
 111 40.9 26.7 49.7
 148 69.6 44.9 83.5



#63
 1,4-Dichlorobenzene
 Concen: 18.624 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026879.D
 Acq: 18 Sep 2018 21:50

Tgt Ion:146 Resp: 57167
 Ion Ratio Lower Upper
 146 100
 111 37.7 26.0 48.2
 148 66.6 45.8 85.2

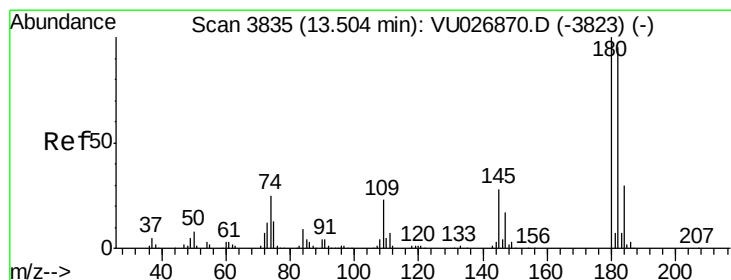
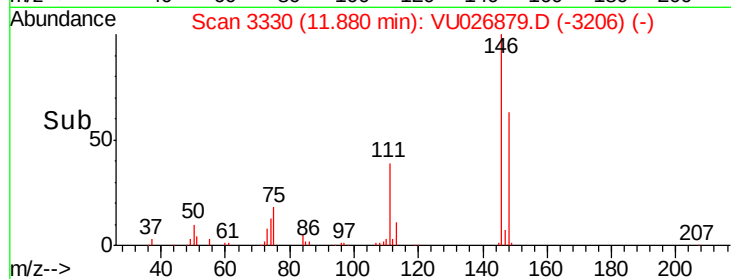
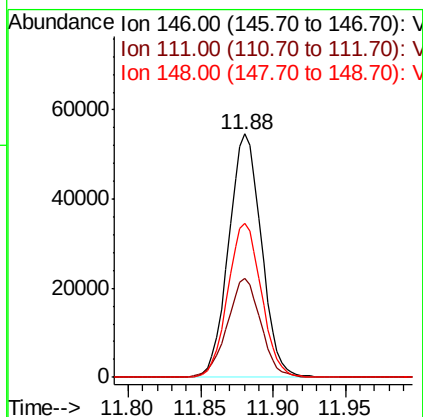
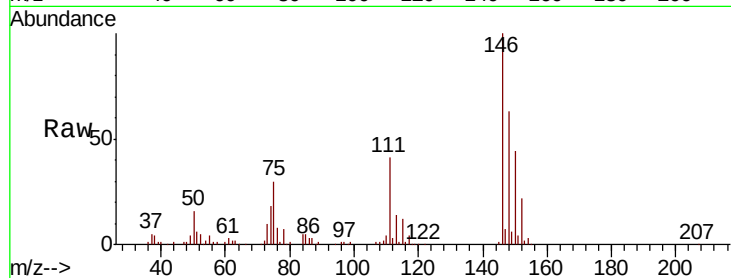




#65
 1,2-Dichlorobenzene
 Concen: 27.708 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026879.D
 Acq: 18 Sep 2018 21:50

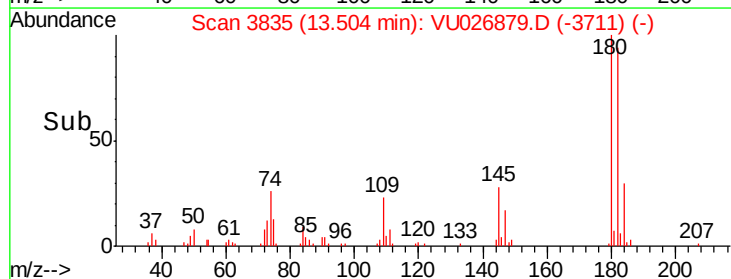
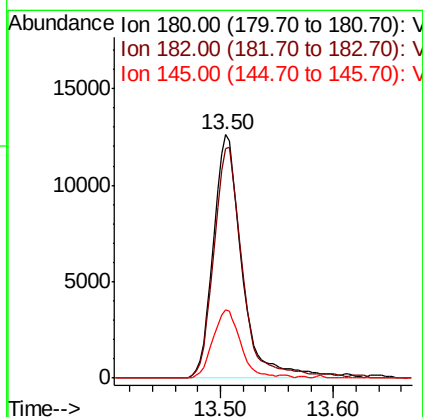
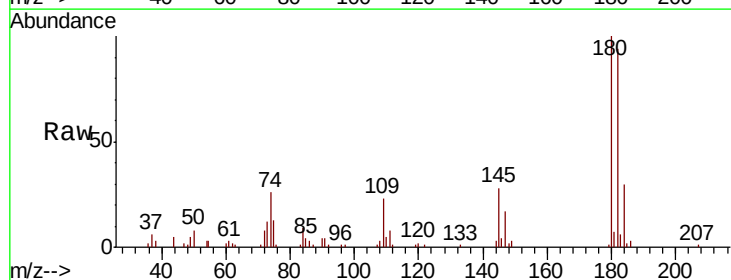
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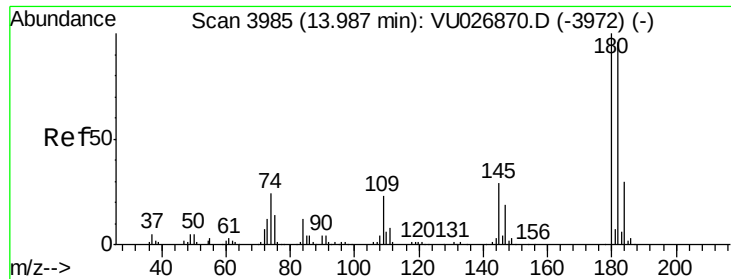
Tot Ion:146 Resp: 85523
 Ion Ratio Lower Upper
 146 100
 111 40.6 31.4 47.0
 148 63.5 51.4 77.2



#68
 1,2,4-trichlorobenzene
 Concen: 11.994 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026879.D
 Acq: 18 Sep 2018 21:50

Tgt Ion:180 Resp: 22295
 Ion Ratio Lower Upper
 180 100
 182 92.6 76.8 115.2
 145 26.7 22.2 33.2





#70
 1,2,3-Trichlorobenzene
 Concen: 2.928 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026879.D
 Acq: 18 Sep 2018 21:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K9DL

Tot Ion:180 Resp: 5993
 Ion Ratio Lower Upper
 180 100
 182 90.1 75.6 113.4
 145 27.2 23.8 35.6

