

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026639.D
 Acq On : 10 Sep 2018 10:04
 Operator : MD/SY
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 11 04:23:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 04:12:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	199905	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73800	49.54	ug/L	0.00
7) Chloroethane-d5	1.68	69	60428	50.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	101470	38.06	ug/L	0.00
21) 2-Butanone-d5	4.18	46	96385	103.97	ug/L	0.00
24) Chloroform-d	4.65	84	120650	48.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	80758	49.81	ug/L	0.00
32) Benzene-d6	5.34	84	249326	52.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	83869	52.40	ug/L	0.00
41) Toluene-d8	7.57	98	226588	50.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	37748	50.73	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	69059	105.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108249	49.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	85966	51.92	ug/L	0.00

Target Compounds

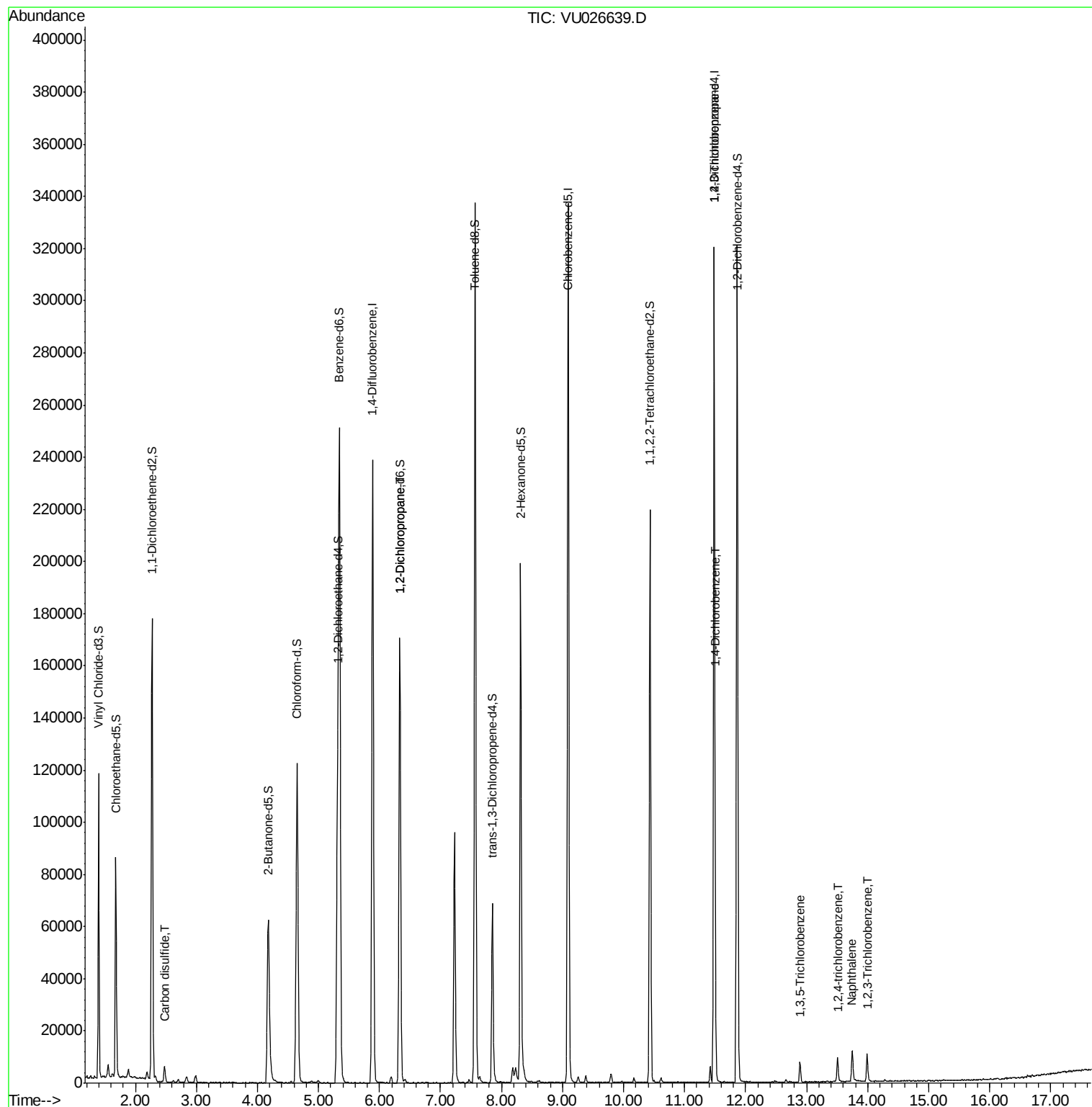
					Qvalue
14) Carbon disulfide	2.48	76	7602	1.986 ug/L	97
37) 1,2-Dichloropropane	6.33	63	8656	6.004 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	10655	6.246 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	3610	1.429 ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	2852	1.508 ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	3994	2.429 ug/L #	94
69) Naphthalene	13.75	128	12418	2.465 ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	3955	2.221 ug/L	94

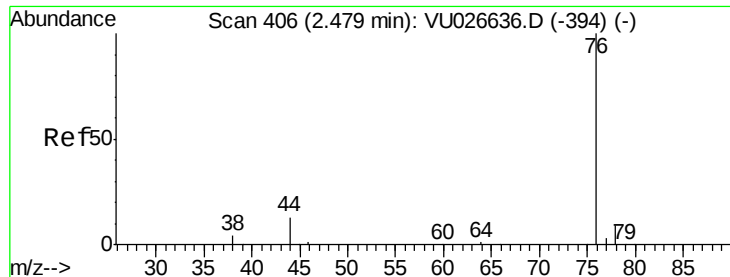
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 1.986 ug/L

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU026639.D

Acq: 10 Sep 2018 10:04

Instrument :

MSVOA_U

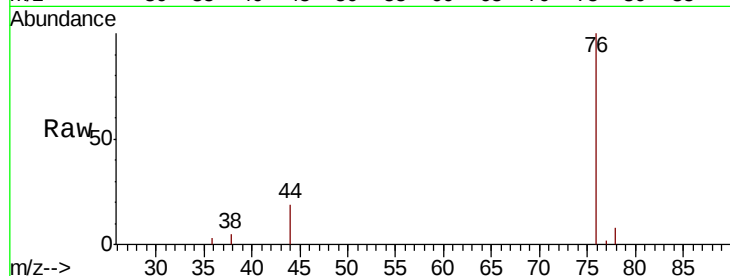
ClientSampleId :

Tot Ion: 76 Resp: 7602

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

5000

4000

3000

2000

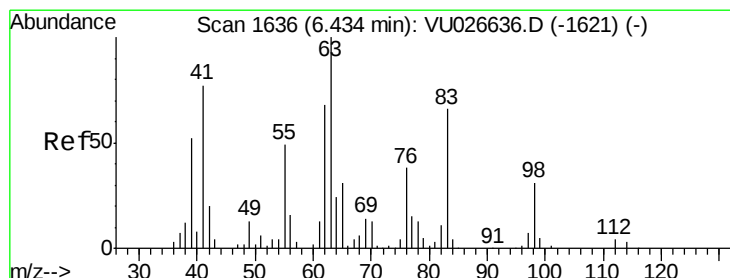
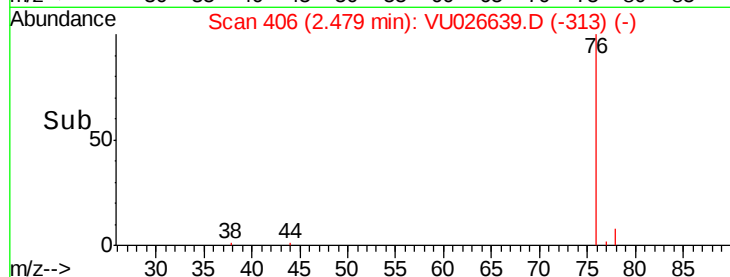
1000

0

Time-->

2.45

2.50



#37

1,2-Dichloropropane

Concen: 6.004 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026639.D

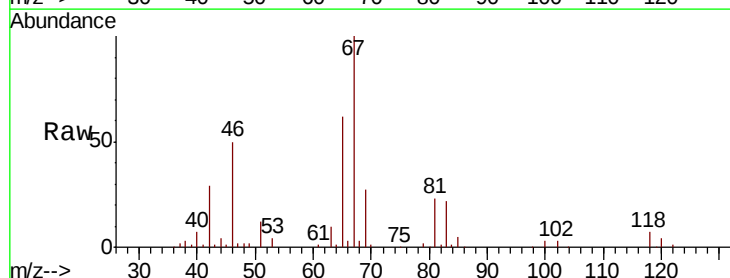
Acq: 10 Sep 2018 10:04

Tgt Ion: 63 Resp: 8656

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

6.33

5000

4000

3000

2000

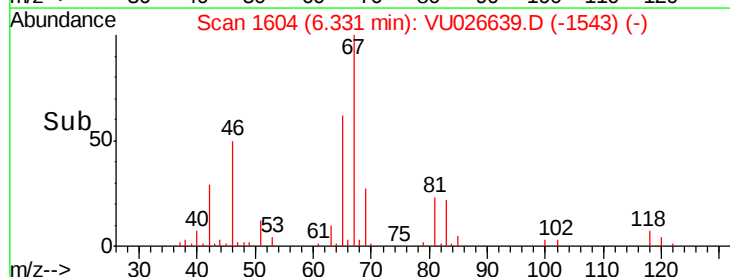
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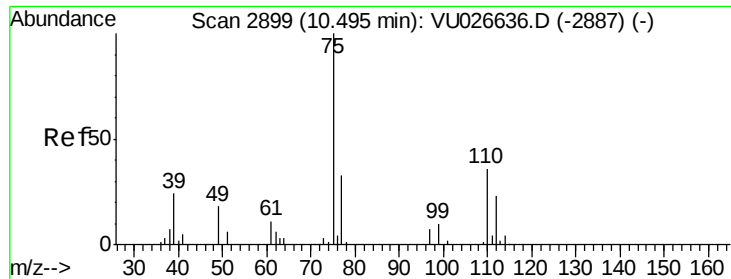
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Time-->

6.30

6.35

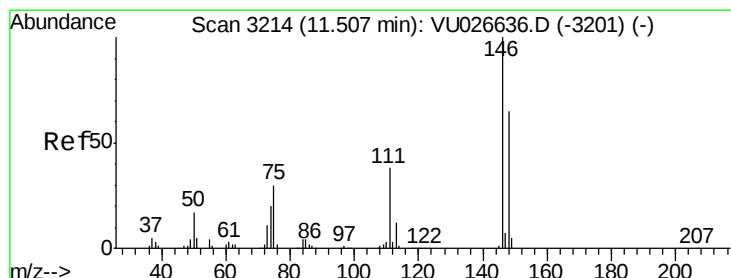
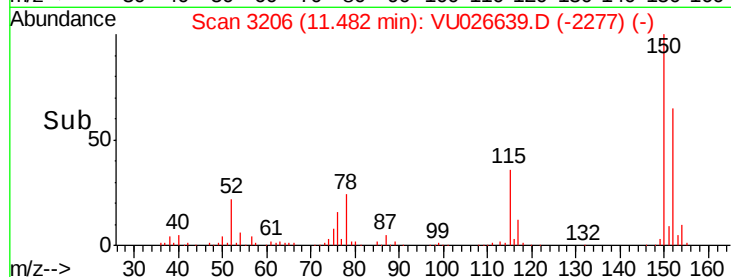
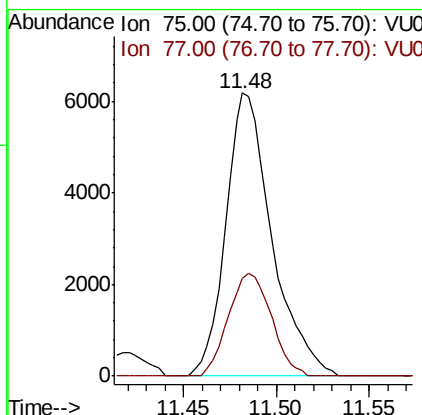
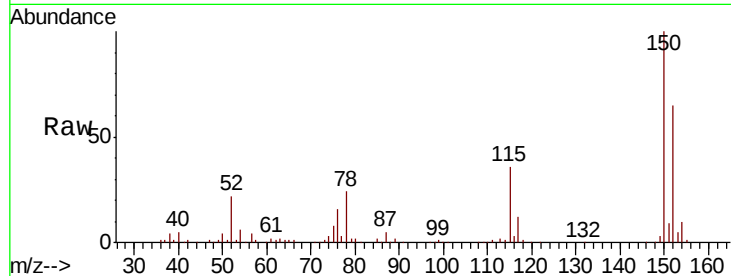




#59
 1,2,3-Trichloropropane
 Concen: 6.246 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU026639.D
 Acq: 10 Sep 2018 10:04

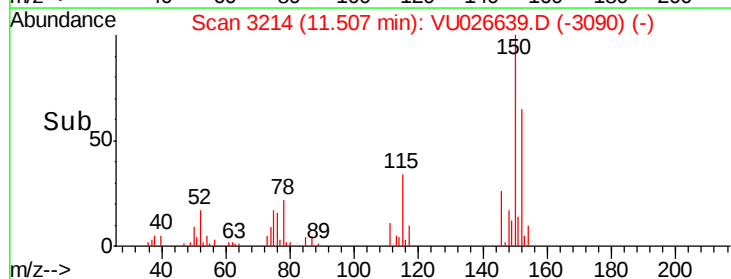
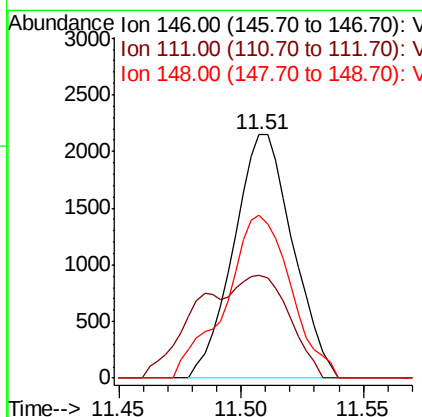
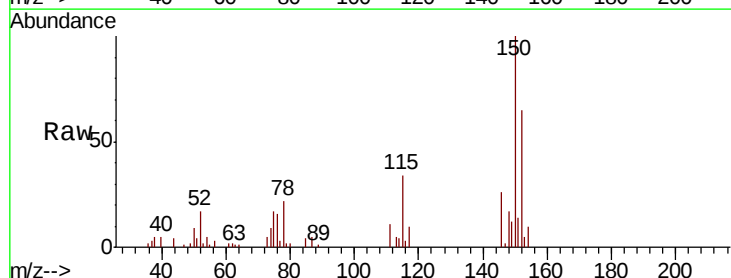
Instrument :
 MSVOA_U
 ClientSampleId :

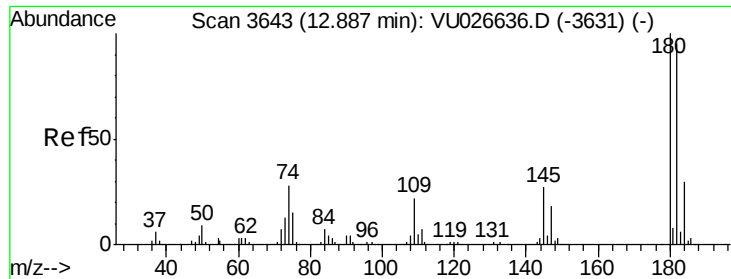
Tot Ion: 75 Resp: 10655
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.8 38.6



#63
 1,4-Dichlorobenzene
 Concen: 1.429 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026639.D
 Acq: 10 Sep 2018 10:04

Tgt Ion: 146 Resp: 3610
 Ion Ratio Lower Upper
 146 100
 111 42.3 26.5 49.3
 148 66.8 45.2 84.0

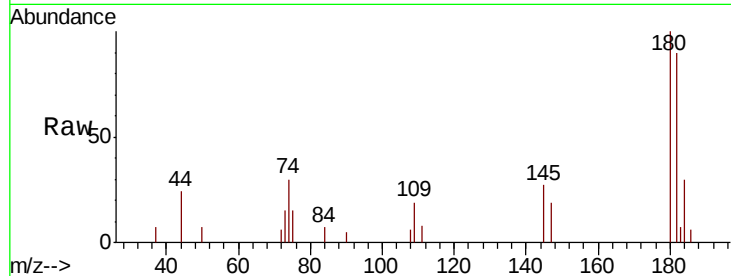




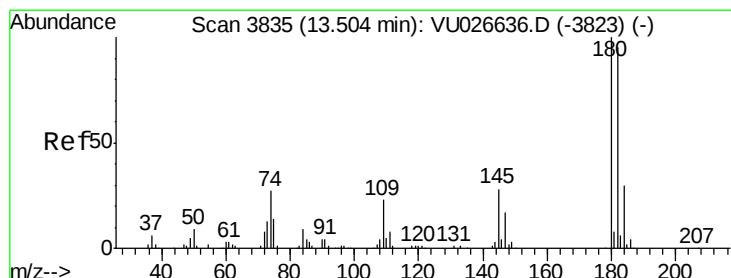
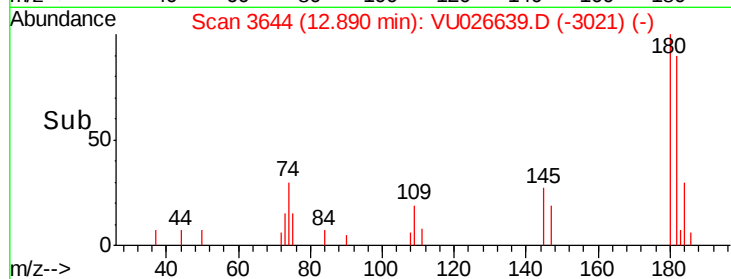
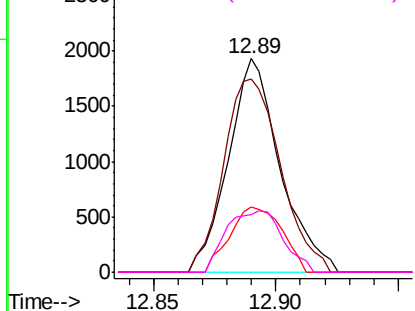
#67
 1,3,5-Trichlorobenzene
 Concen: 1.508 ug/L
 RT: 12.89 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: VU026639.D
 Acq: 10 Sep 2018 10:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 2852
 Ion Ratio Lower Upper
 180 100
 182 99.3 76.8 115.2
 184 30.8 24.2 36.2
 145 31.5 21.4 32.2

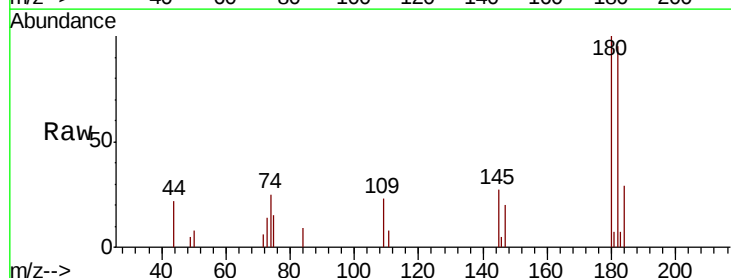


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

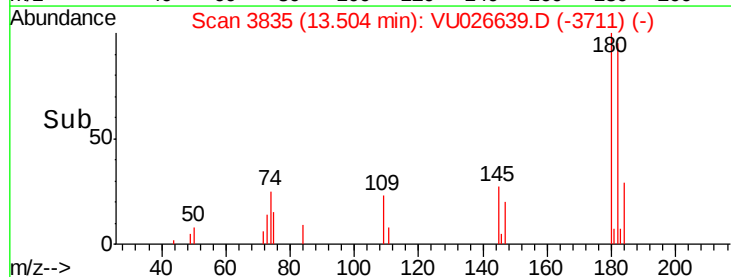
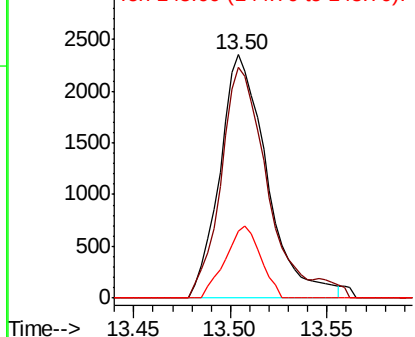


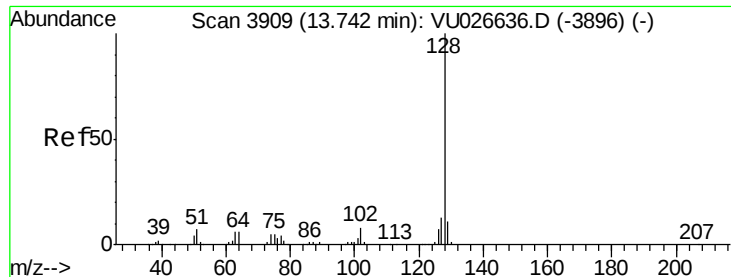
#68
 1,2,4-trichlorobenzene
 Concen: 2.429 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026639.D
 Acq: 10 Sep 2018 10:04

Tgt Ion:180 Resp: 3994
 Ion Ratio Lower Upper
 180 100
 182 90.8 76.0 114.0
 145 22.1 23.4 35.0#



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

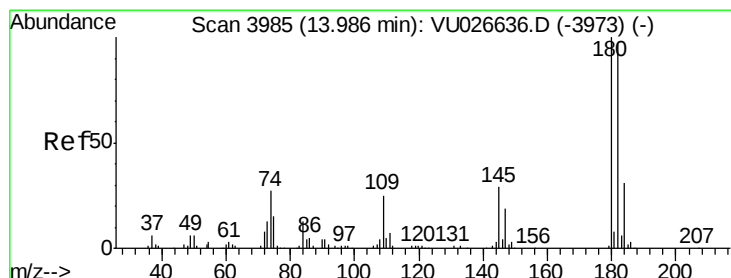
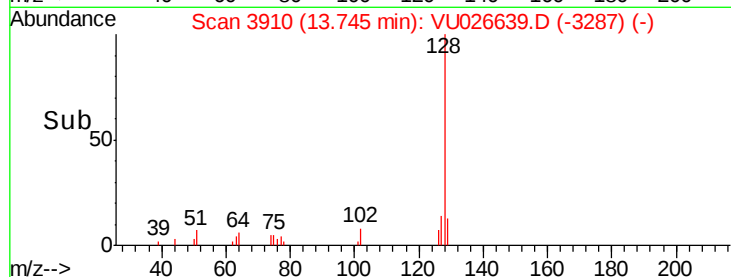
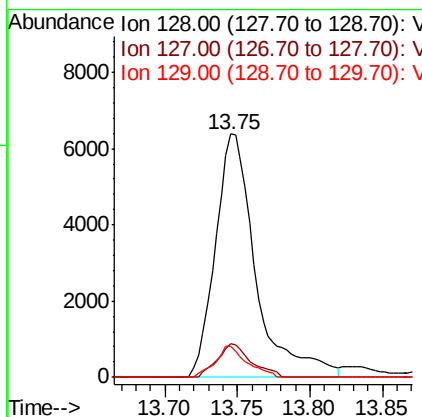
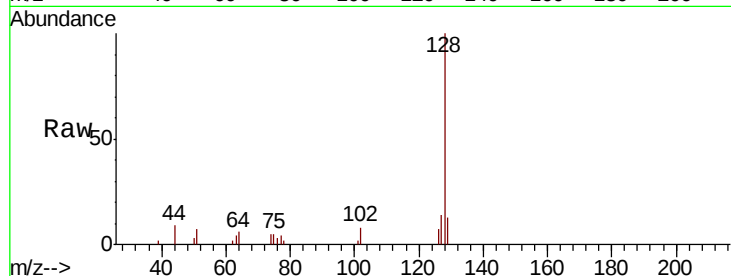




#69
Naphthalene
Concen: 2.465 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026639.D
Acq: 10 Sep 2018 10:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 12418
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 10.0 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 2.221 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026639.D
Acq: 10 Sep 2018 10:04

Tgt Ion:180 Resp: 3955
Ion Ratio Lower Upper
180 100
182 102.9 76.7 115.1
145 30.9 23.0 34.6

