

Data File : VU028884.D
Acq On : 21 Dec 2018 19:26
Operator : MD/SY
Sample : VU1221WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 22 01:57:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	185395	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	175283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72642	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71538	48.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.26%
7) Chloroethane-d5	1.67	69	58646	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.18%
11) 1,1-Dichloroethene-d2	2.27	63	92805	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.26%
21) 2-Butanone-d5	4.18	46	121751	116.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.92%
24) Chloroform-d	4.65	84	119582	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
26) 1,2-Dichloroethane-d4	5.31	65	75279	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.50%
32) Benzene-d6	5.34	84	265965	53.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.42%
36) 1,2-Dichloropropane-d6	6.33	67	91188	54.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.42%
41) Toluene-d8	7.57	98	230975	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%
43) trans-1,3-Dichloropropene-	7.85	79	37736	50.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.12%
47) 2-Hexanone-d5	8.31	63	94481	118.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122520	52.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	80773	54.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.96%

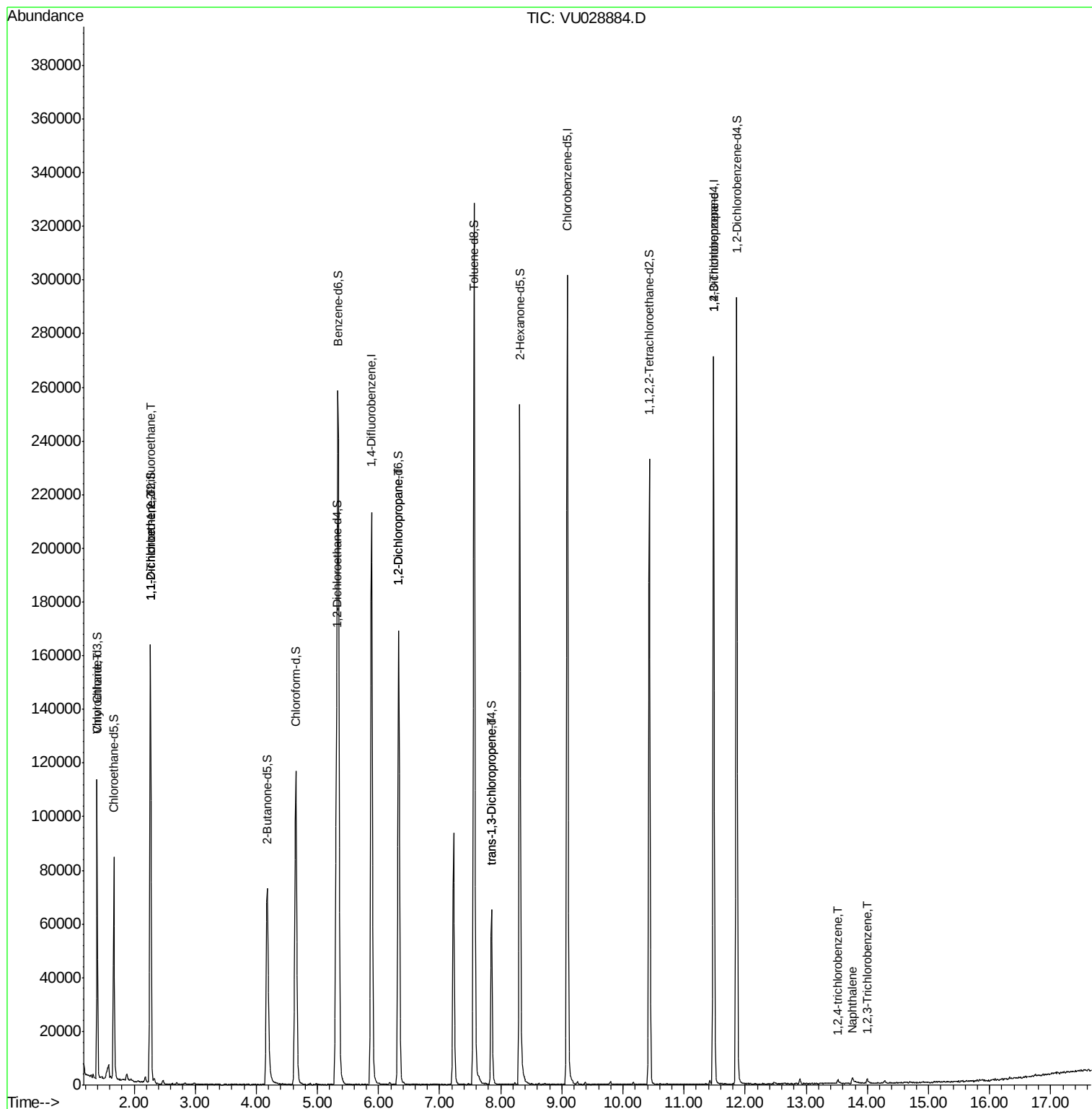
Target Compounds

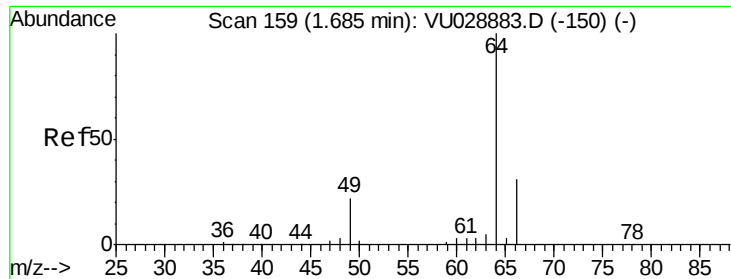
					Qvalue	
8) Chloroethane	1.40	64	1000	0.965	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	935	0.778	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	852	0.717	ug/L #	1
37) 1,2-Dichloropropane	6.33	63	8150	5.225	ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1473	0.743	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	9083	4.879	ug/L	100
68) 1,2,4-trichlorobenzene	13.52	180	1071	0.752	ug/L #	76
69) Naphthalene	13.75	128	4204	0.850	ug/L #	82
70) 1,2,3-Trichlorobenzene	14.00	180	1122	0.730	ug/L #	76

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

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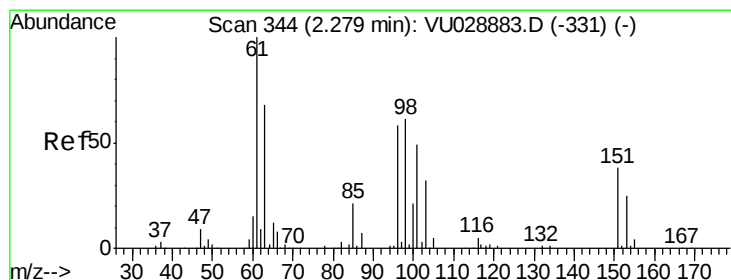
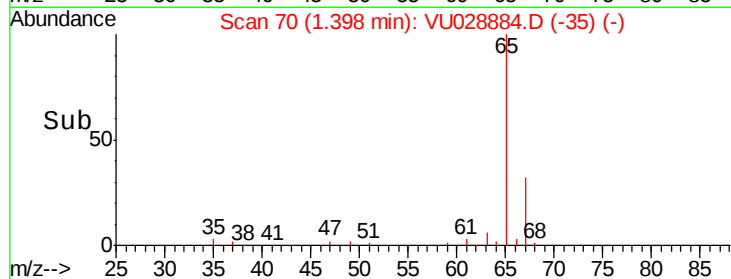
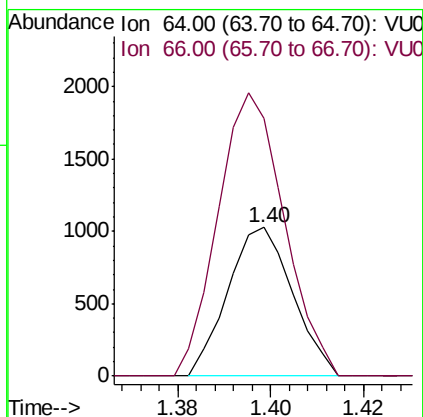
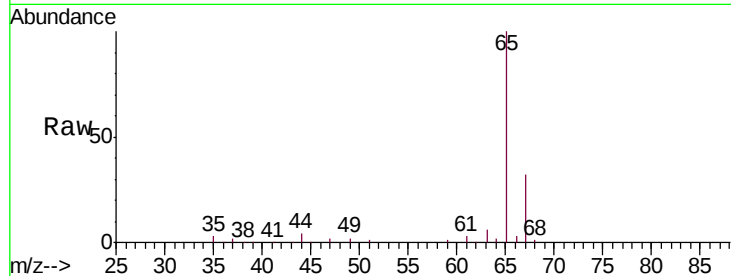
Quant Time: Dec 22 01:57:57 2018
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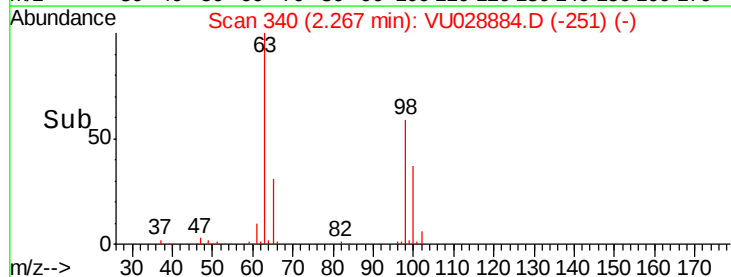
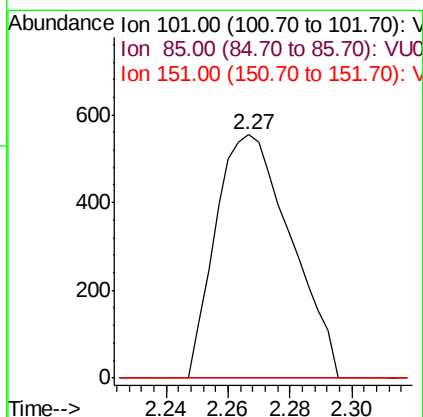
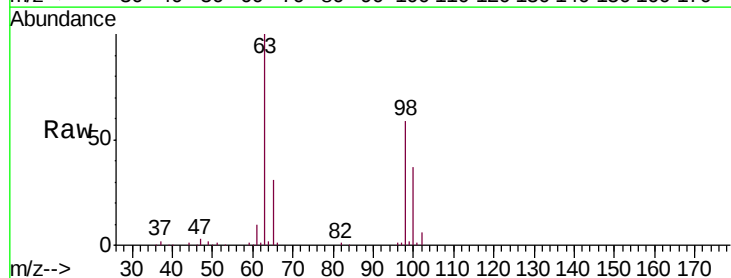
#8
Chloroethane
Concen: 0.965 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
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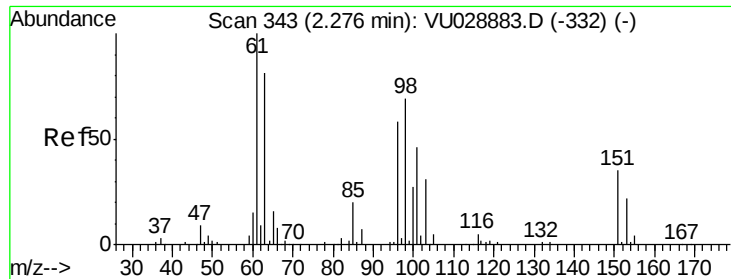
Tgt Ion: 64 Resp: 1000
Ion Ratio Lower Upper
64 100
66 173.8 21.5 39.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.778 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.01 min
Lab File: VU028884.D
Acq: 21 Dec 2018 19:26

Tgt Ion: 101 Resp: 935
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.4 89.0#





#12

1,1-Dichloroethene

Concen: 0.717 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU028884.D

Acq: 21 Dec 2018 19:26

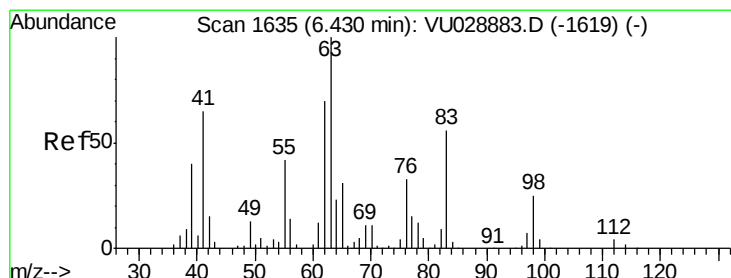
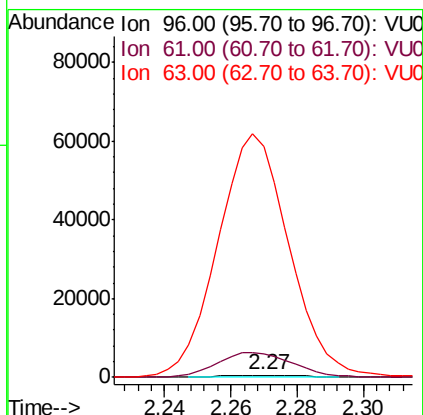
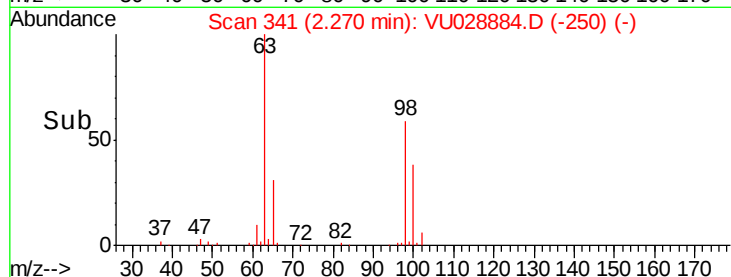
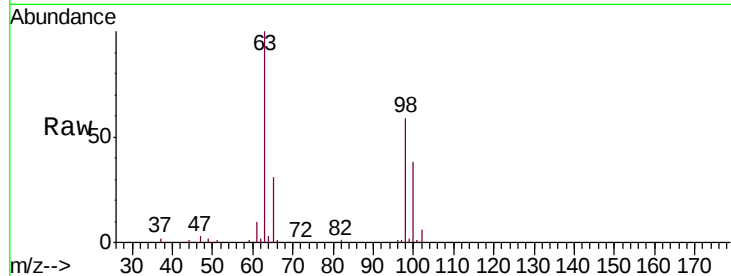
Tgt Ion: 96 Resp: 852

Ion Ratio Lower Upper

96 100

61 1142.9 119.3 221.5#

63 11029.8 107.4 199.6#



#37

1,2-Dichloropropane

Concen: 5.225 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU028884.D

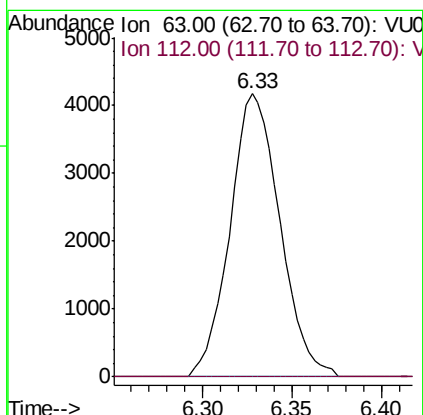
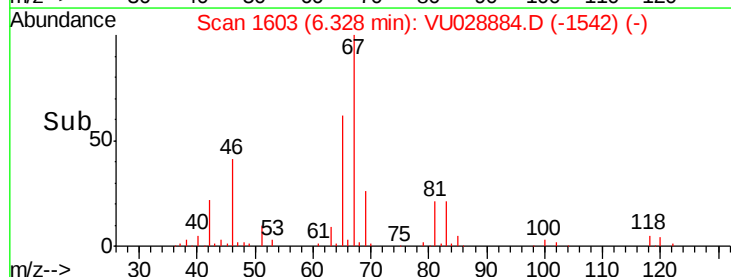
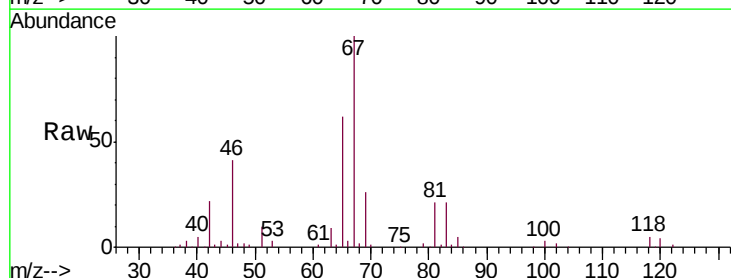
Acq: 21 Dec 2018 19:26

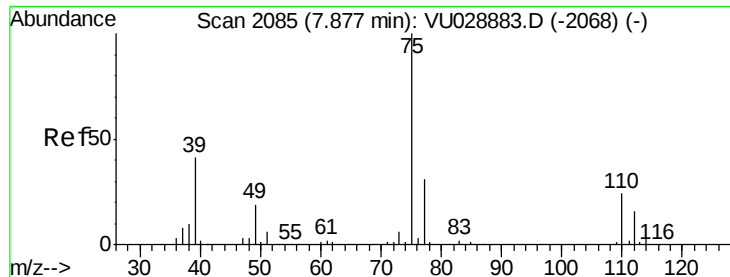
Tgt Ion: 63 Resp: 8150

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#44

trans-1,3-Dichloropropene

Concen: 0.743 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU028884.D

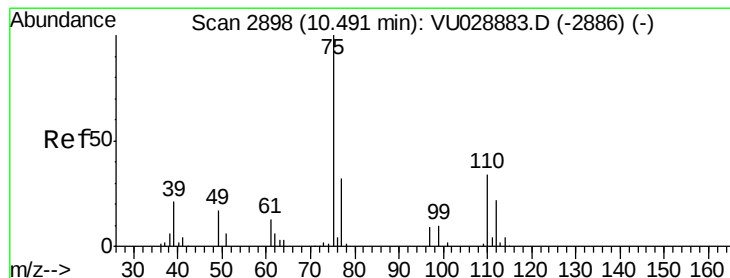
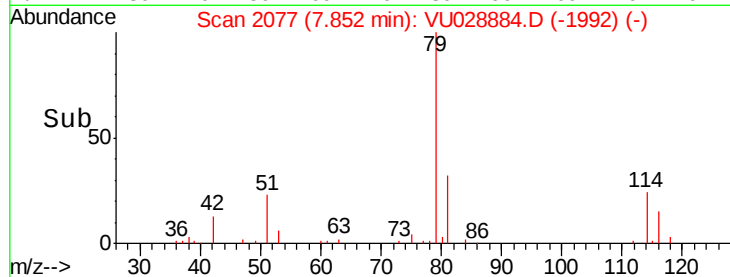
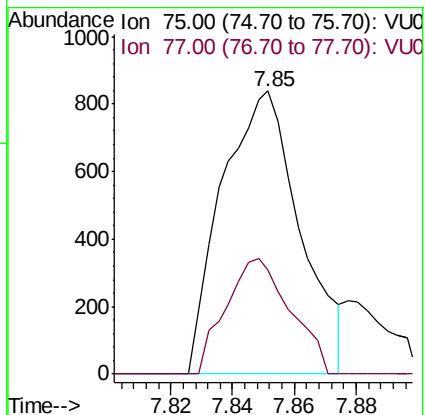
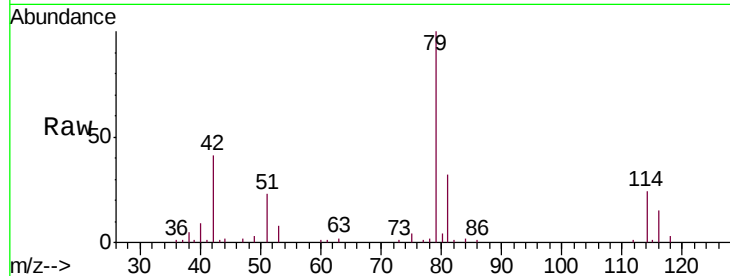
Acq: 21 Dec 2018 19:26

Tgt Ion: 75 Resp: 1473

Ion Ratio Lower Upper

75 100

77 36.9 21.8 40.6



#59

1,2,3-Trichloropropane

Concen: 4.879 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028884.D

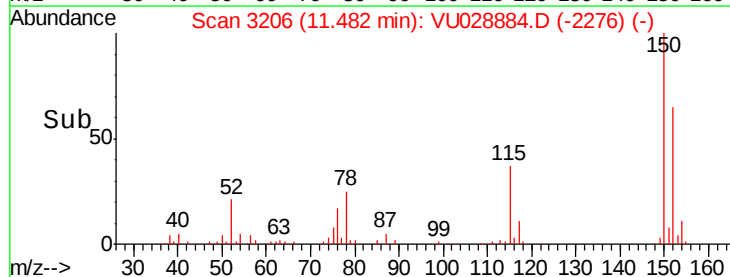
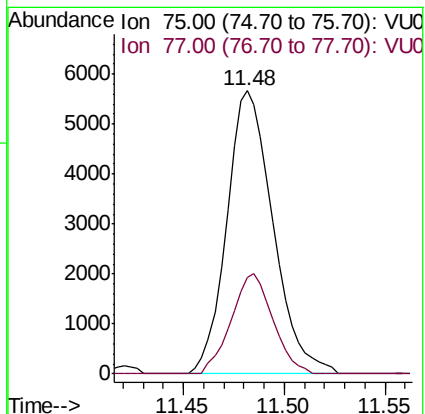
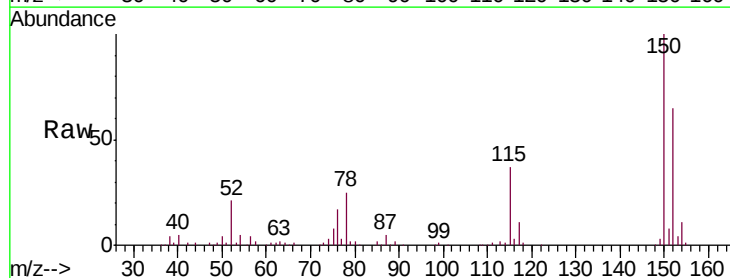
Acq: 21 Dec 2018 19:26

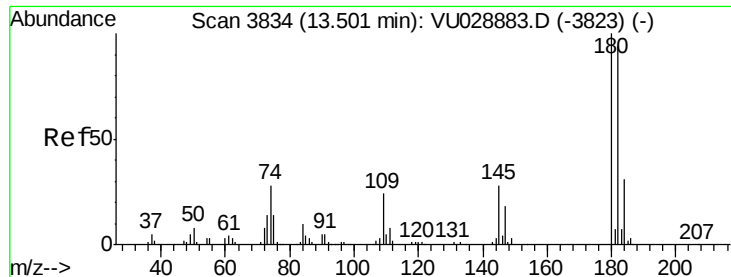
Tgt Ion: 75 Resp: 9083

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

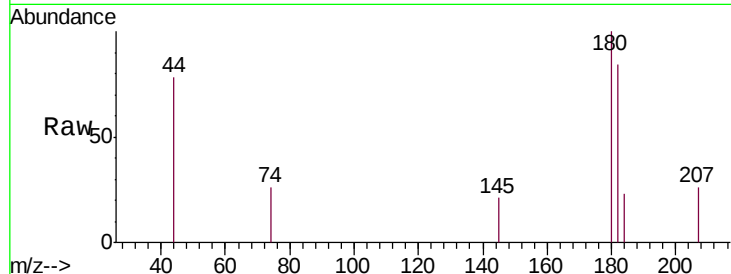




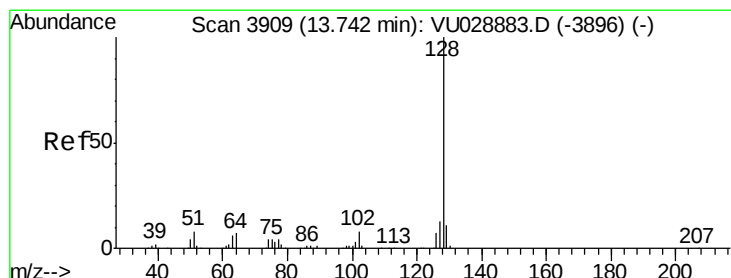
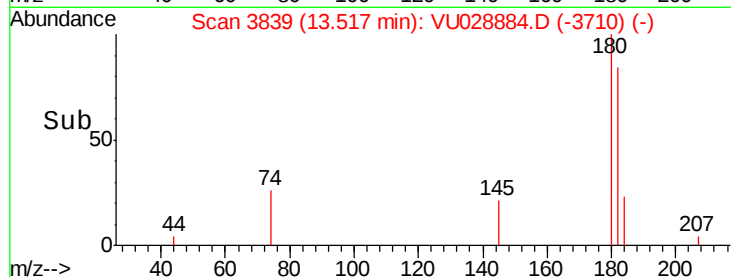
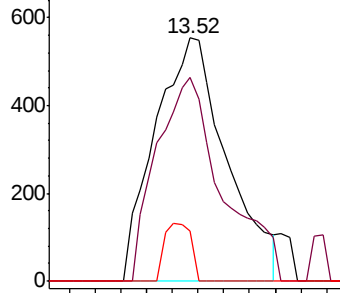
#68

1,2,4-trichlorobenzene
Concen: 0.752 ug/L
RT: 13.52 min Scan# 3839
Delta R.T. 0.02 min
Lab File: VU028884.D
Acq: 21 Dec 2018 19:26

Tgt Ion:180 Resp: 1071
Ion Ratio Lower Upper
180 100
182 77.5 77.4 116.0
145 8.8 23.5 35.3#



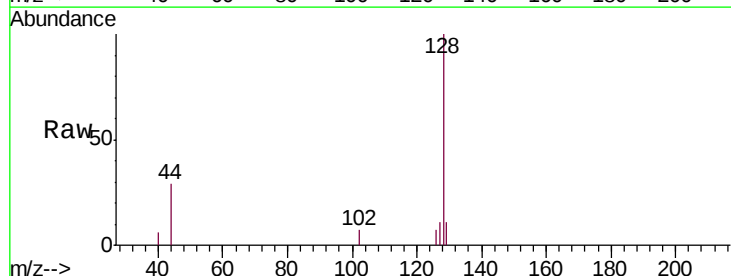
Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V



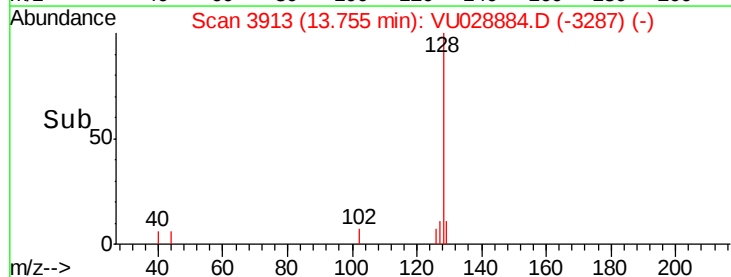
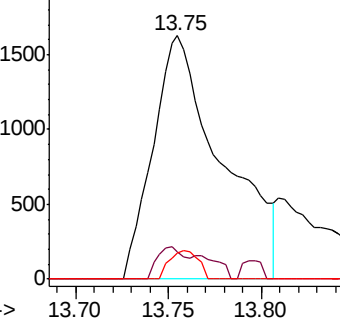
#69

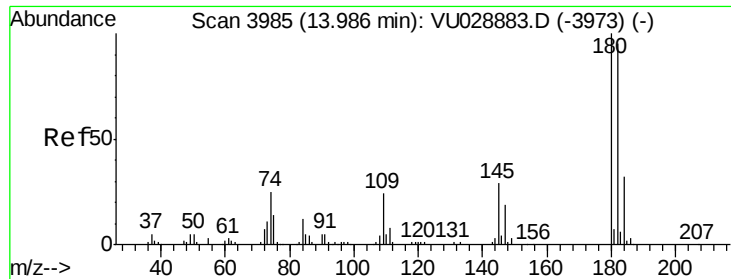
Naphthalene
Concen: 0.850 ug/L
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU028884.D
Acq: 21 Dec 2018 19:26

Tgt Ion:128 Resp: 4204
Ion Ratio Lower Upper
128 100
127 5.4 10.5 15.7#
129 4.9 8.7 13.1#



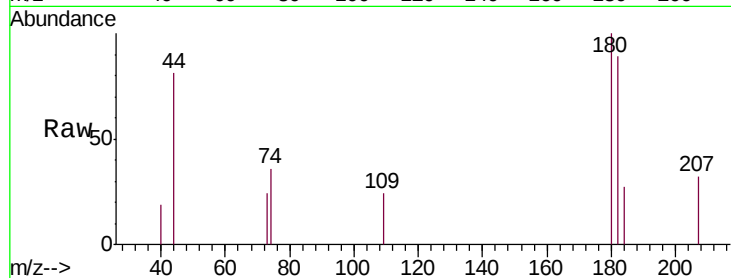
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.730 ug/L
 RT: 14.00 min Scan# 3989
 Delta R.T. 0.01 min
 Lab File: VU028884.D
 Acq: 21 Dec 2018 19:26

Tgt Ion:180 Resp: 1122
 Ion Ratio Lower Upper
 180 100
 182 78.6 75.8 113.8
 145 6.0 24.5 36.7#



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

