

Data File : VU028888.D
Acq On : 21 Dec 2018 21:04
Operator : MD/SY
Sample : J6509-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 22 03:20:45 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	175992	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	165013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63516	45.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.04%
7) Chloroethane-d5	1.66	69	50205	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.14%
11) 1,1-Dichloroethene-d2	2.26	63	92071	38.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.60%
21) 2-Butanone-d5	4.18	46	115395	116.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.74%
24) Chloroform-d	4.65	84	108157	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
26) 1,2-Dichloroethane-d4	5.30	65	68453	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.34	84	242692	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
36) 1,2-Dichloropropane-d6	6.33	67	82532	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.22%
41) Toluene-d8	7.56	98	211419	50.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.10%
43) trans-1,3-Dichloropropene-	7.85	79	36406	51.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.60%
47) 2-Hexanone-d5	8.31	63	90914	120.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114387	52.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	74198	54.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.06%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	1310	0.671 ug/L	98
8) Chloroethane	1.40	64	905	0.920 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	717	0.629 ug/L #	20
12) 1,1-Dichloroethene	2.28	96	17656	15.647 ug/L #	49
13) Acetone	2.32	43	3443	3.418 ug/L	92
27) 1,2-Dichloroethane	5.38	62	1007	0.599 ug/L #	74
33) Benzene	5.39	78	112532	21.421 ug/L	100
34) Trichloroethene	6.19	95	25527	20.127 ug/L	97
35) Methylcyclohexane	6.33	83	17037	8.065 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8017	5.459 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1778	0.849 ug/L #	69
42) Toluene	7.64	91	119457	22.432 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	1236	0.662 ug/L	89
51) Chlorobenzene	9.12	112	84367	25.137 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	8192	4.675 ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
Quantitation Report (Not Reviewed)

Data File : VU028888.D
Acq On : 21 Dec 2018 21:04
Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

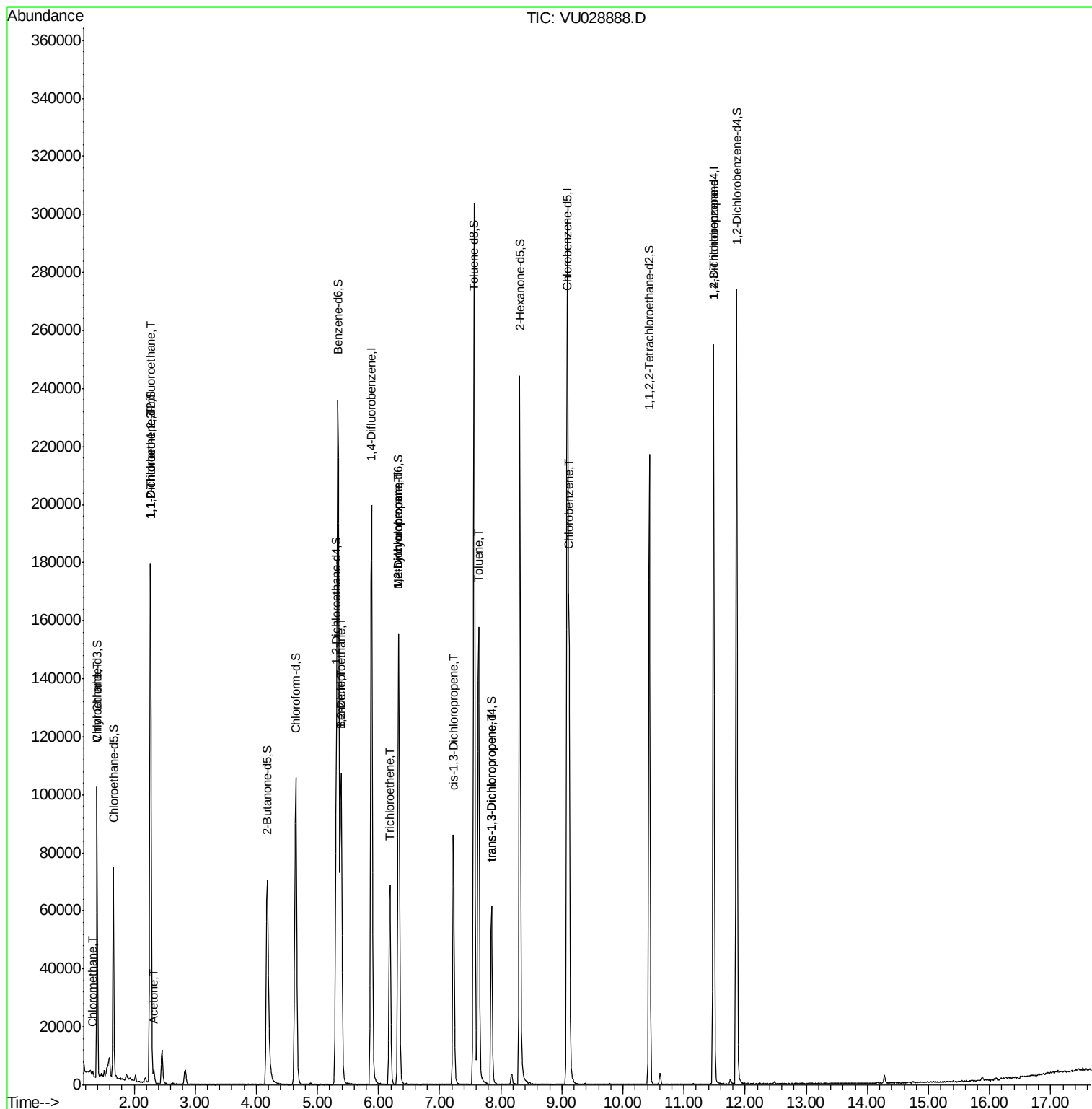
Quant Time: Dec 22 03:20:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

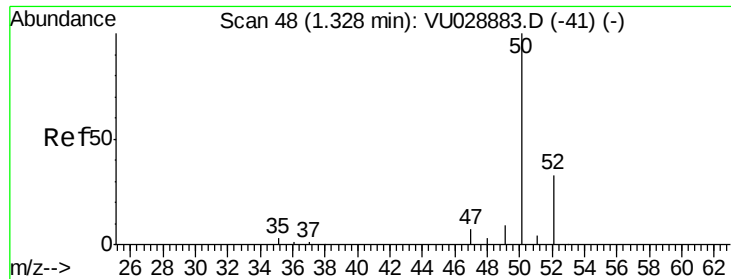
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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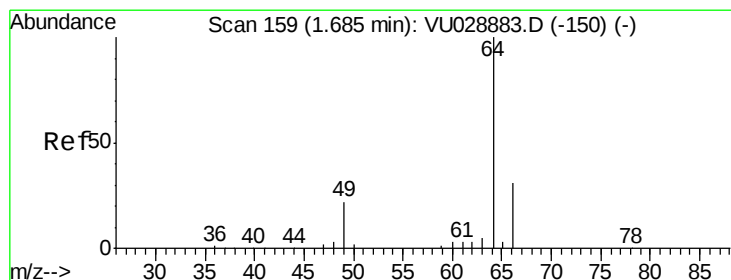
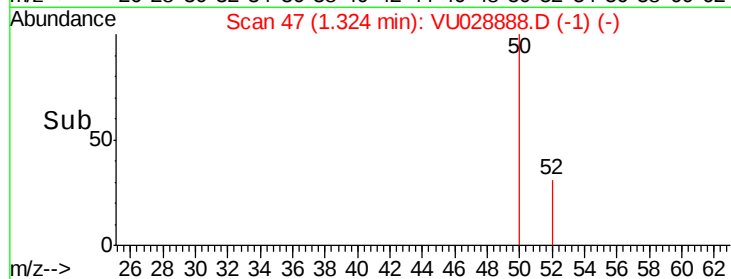
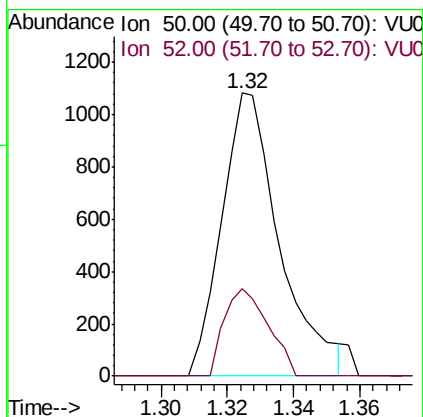
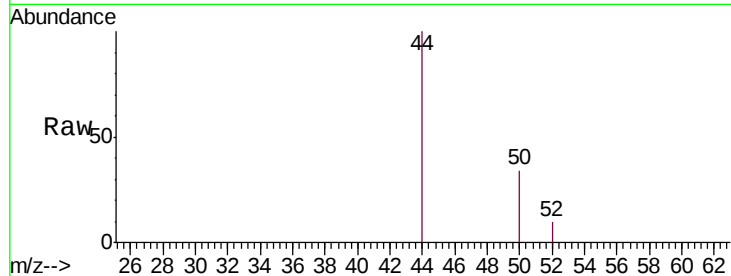
Quant Time: Dec 22 03:20:45 2018
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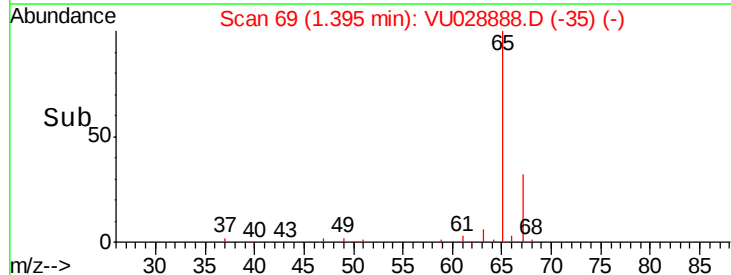
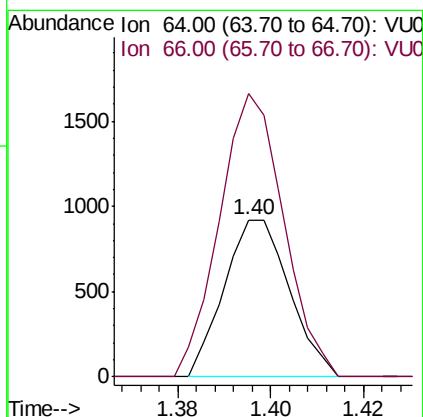
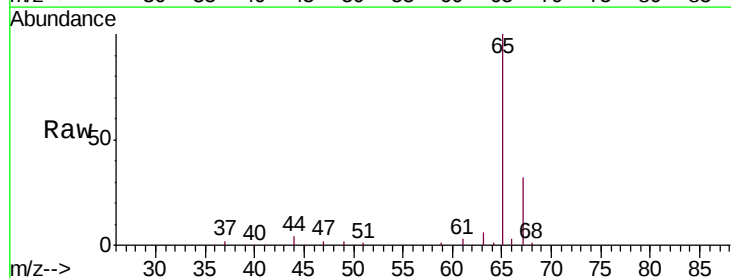
#3
Chloromethane
Concen: 0.671 ug/L
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU028888.D
Acq: 21 Dec 2018 21:04

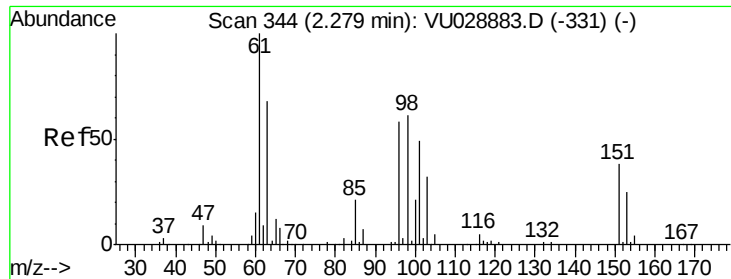
Tgt Ion: 50 Resp: 1310
Ion Ratio Lower Upper
50 100
52 30.8 22.3 41.3



#8
Chloroethane
Concen: 0.920 ug/L
RT: 1.40 min Scan# 69
Delta R.T. -0.29 min
Lab File: VU028888.D
Acq: 21 Dec 2018 21:04

Tgt Ion: 64 Resp: 905
Ion Ratio Lower Upper
64 100
66 180.2 21.5 39.9#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.629 ug/L

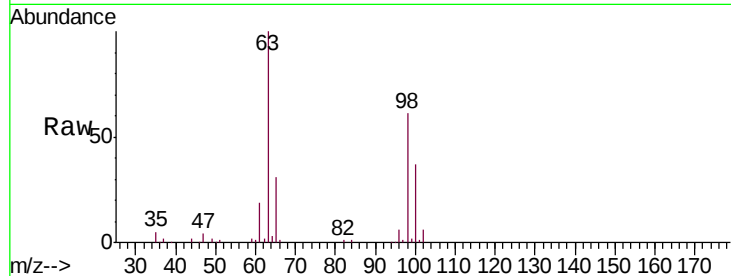
RT: 2.26 min Scan# 338

Delta R.T. -0.02 min

Lab File: VU028888.D

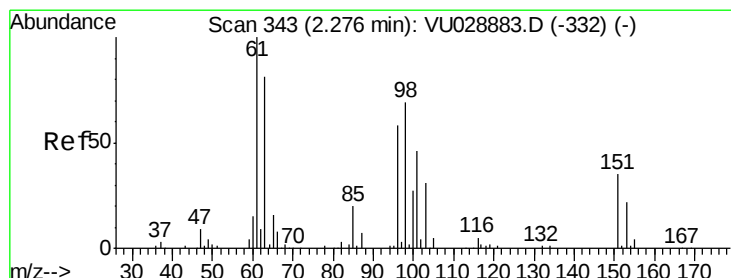
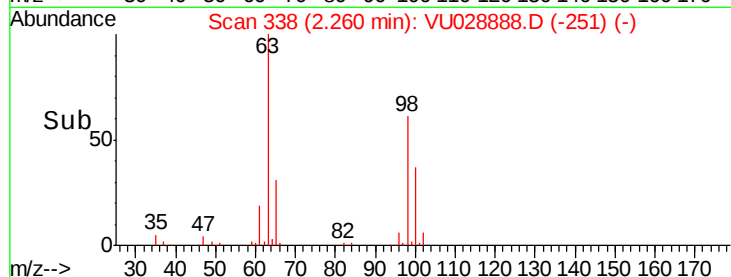
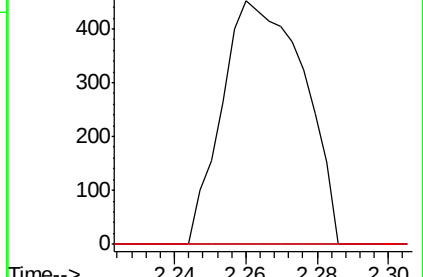
Acq: 21 Dec 2018 21:04

Tgt Ion:	101	Resp:	717
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VUC
Ion 151.00 (150.70 to 151.70): V

2.26



#12

1,1-Dichloroethene

Concen: 15.647 ug/L

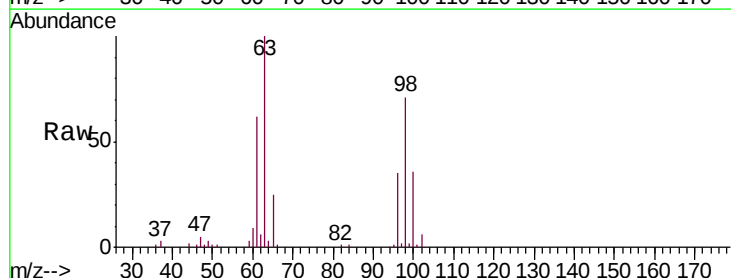
RT: 2.28 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU028888.D

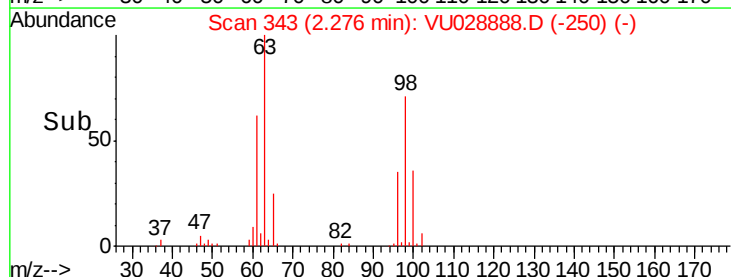
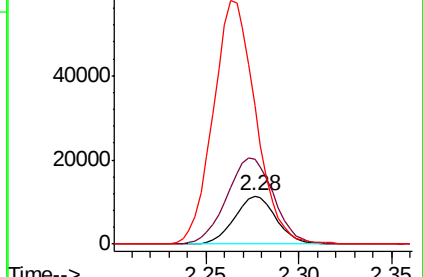
Acq: 21 Dec 2018 21:04

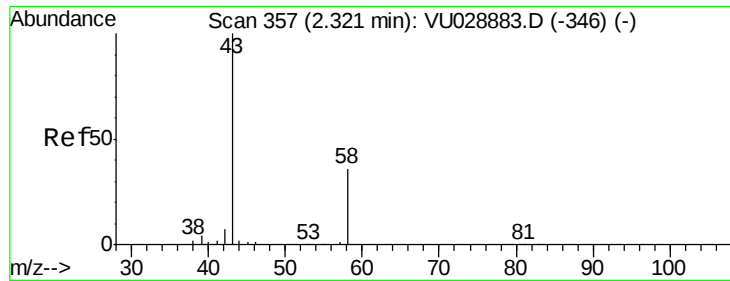
Tgt Ion:	96	Resp:	17656
Ion	Ratio	Lower	Upper
96	100		
61	176.1	119.3	221.5
63	286.3	107.4	199.6#



Abundance Ion 96.00 (95.70 to 96.70): VUC
Ion 61.00 (60.70 to 61.70): VUC
Ion 63.00 (62.70 to 63.70): VUC

2.28





#13

Acetone

Concen: 3.418 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028888.D

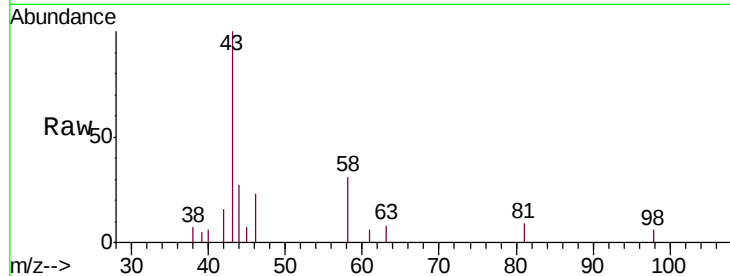
Acq: 21 Dec 2018 21:04

Tgt Ion: 43 Resp: 3443

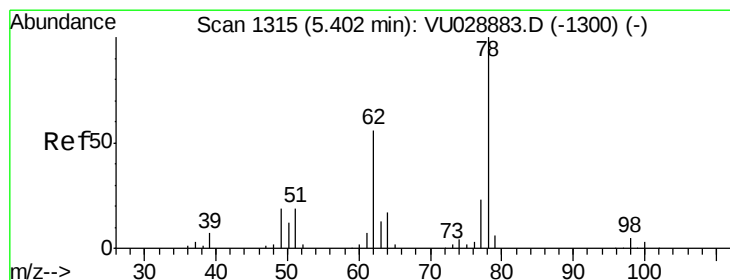
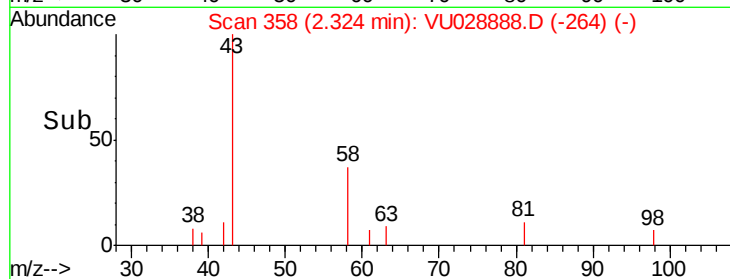
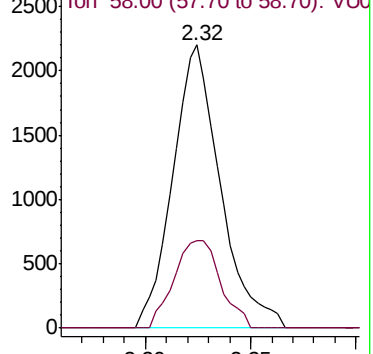
Ion Ratio Lower Upper

43 100

58 30.4 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU028888.D (-264) (-)



#27

1,2-Dichloroethane

Concen: 0.599 ug/L

RT: 5.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: VU028888.D

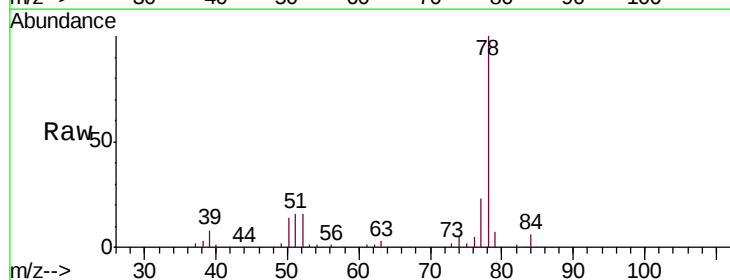
Acq: 21 Dec 2018 21:04

Tgt Ion: 62 Resp: 1007

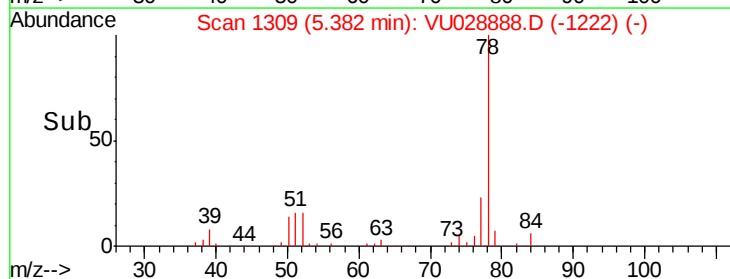
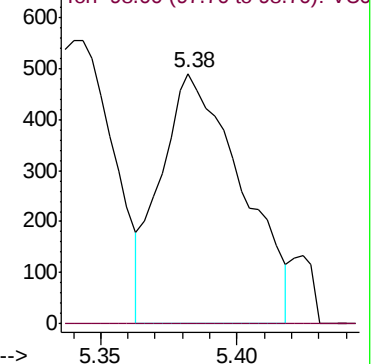
Ion Ratio Lower Upper

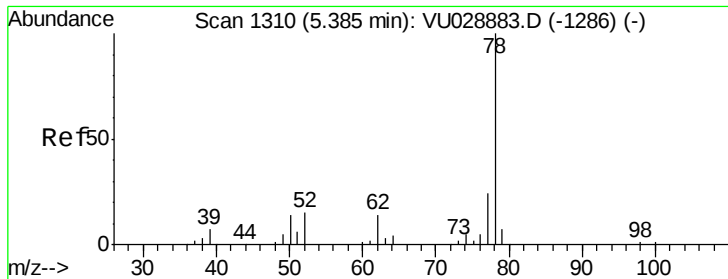
62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU028888.D (-1222) (-)





#33

Benzene

Concen: 21.421 ug/L

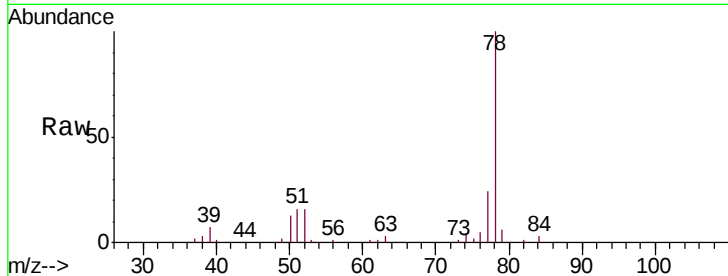
RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

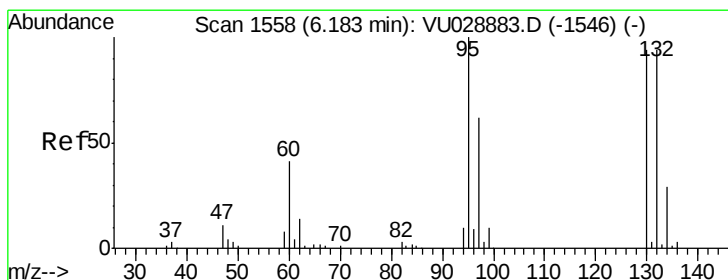
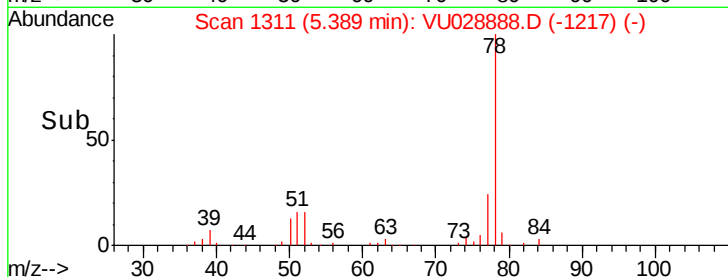
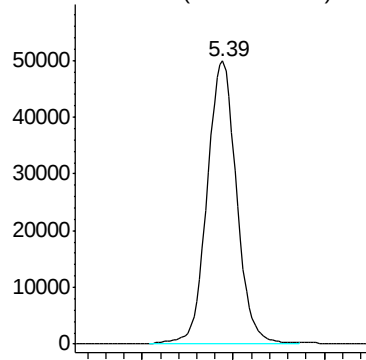
Lab File: VU028888.D

Acq: 21 Dec 2018 21:04

Tgt Ion: 78 Resp: 112532



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 20.127 ug/L

RT: 6.19 min Scan# 1559

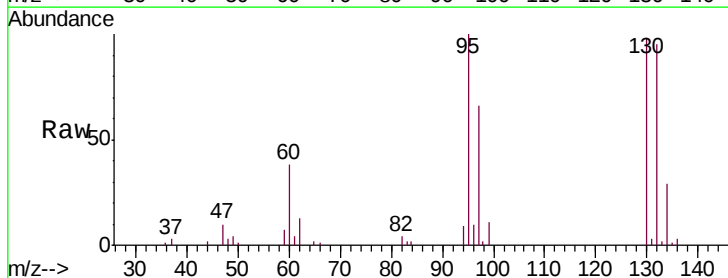
Delta R.T. 0.00 min

Lab File: VU028888.D

Acq: 21 Dec 2018 21:04

Tgt Ion: 95 Resp: 25527

Ion	Ratio	Lower	Upper
95	100		
97	66.2	43.3	80.3
132	94.8	64.2	119.2
130	97.9	67.1	124.7

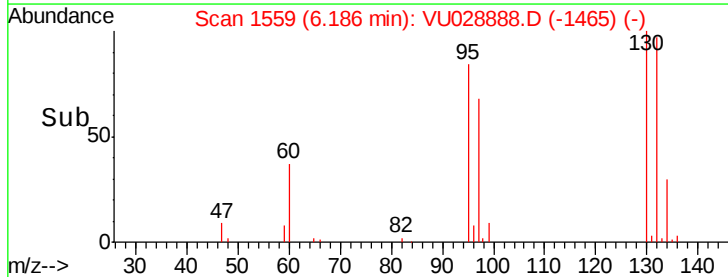


Abundance Ion 95.00 (94.70 to 95.70): VU0

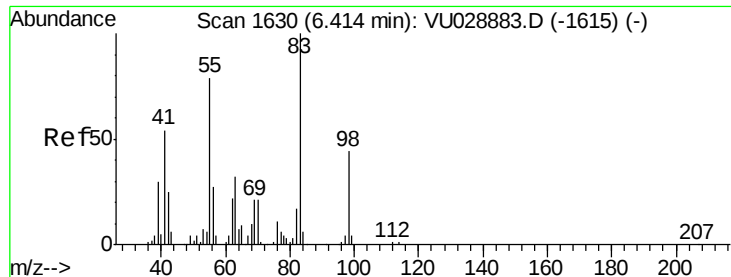
Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

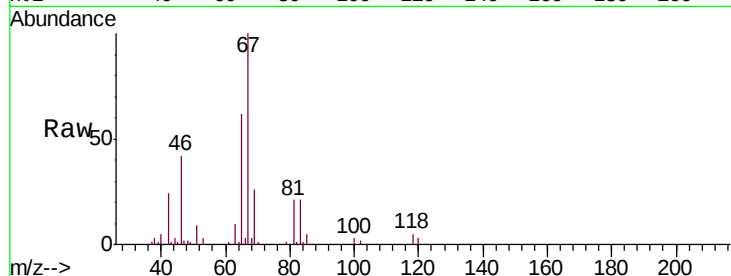


Time-->

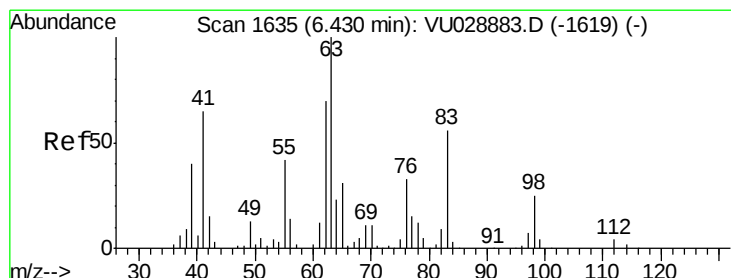
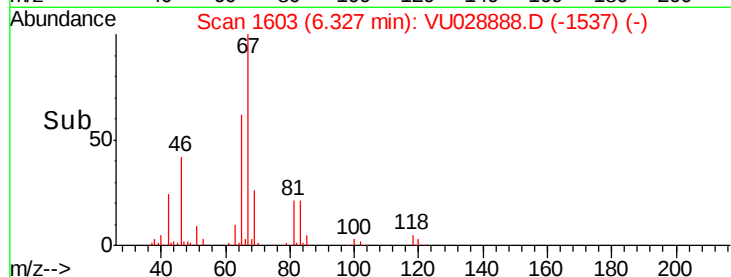
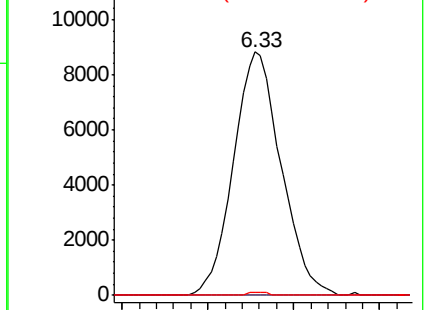


#35
Methylcyclohexane
Concen: 8.065 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028888.D
Acq: 21 Dec 2018 21:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	0.5	35.6	53.4#

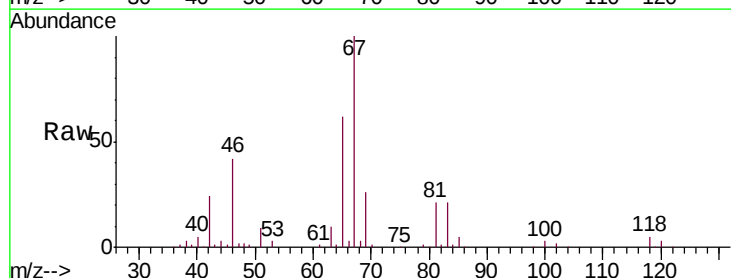


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

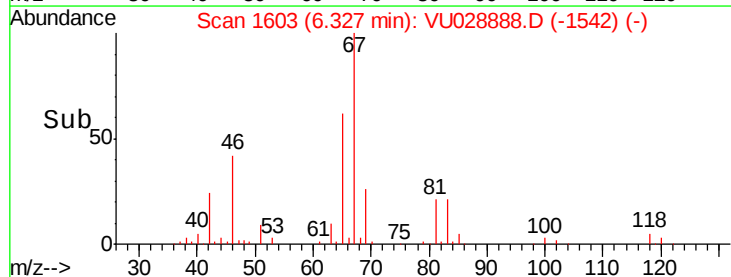
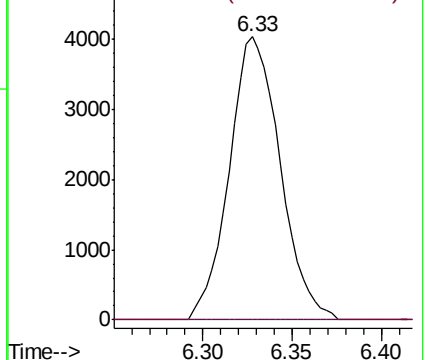


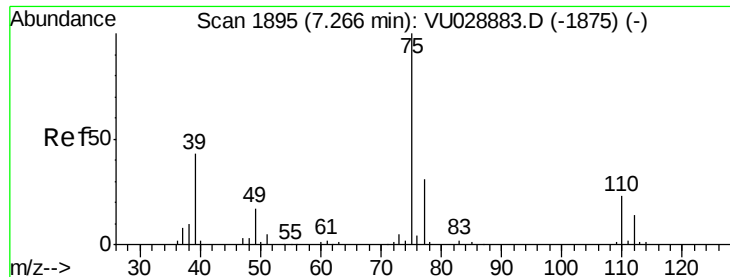
#37
1,2-Dichloropropane
Concen: 5.459 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028888.D
Acq: 21 Dec 2018 21:04

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#



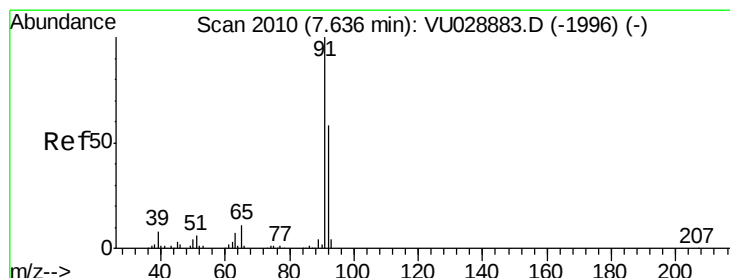
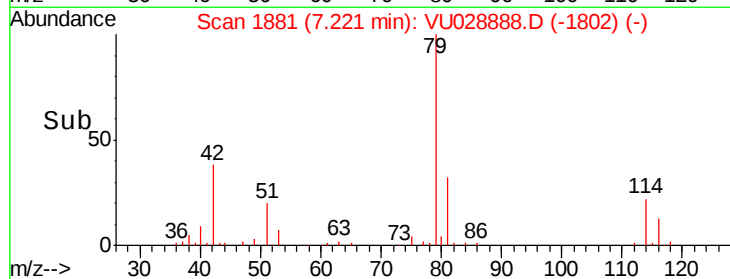
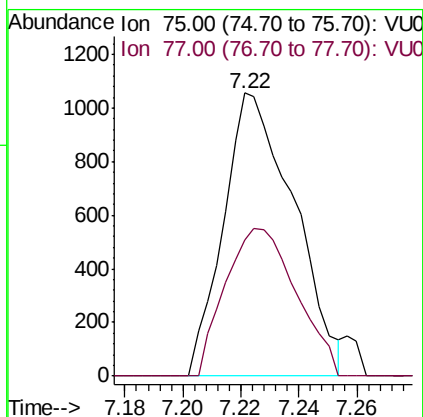
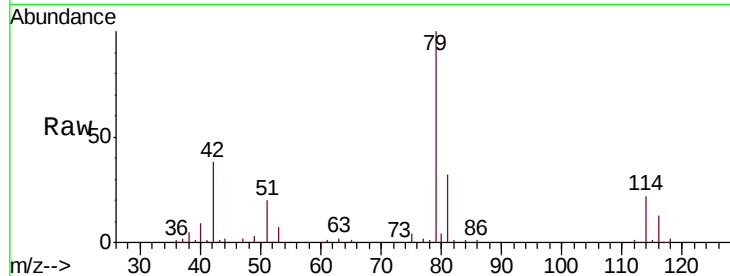
Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





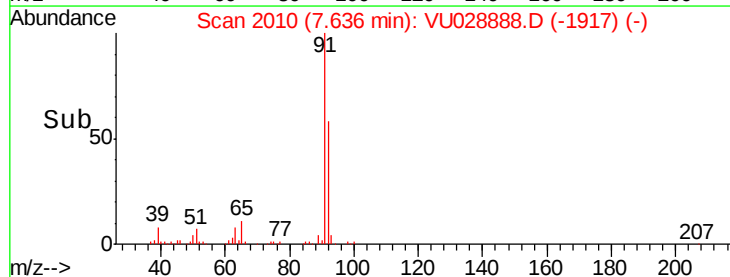
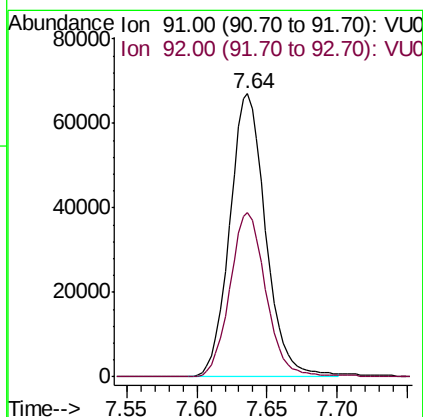
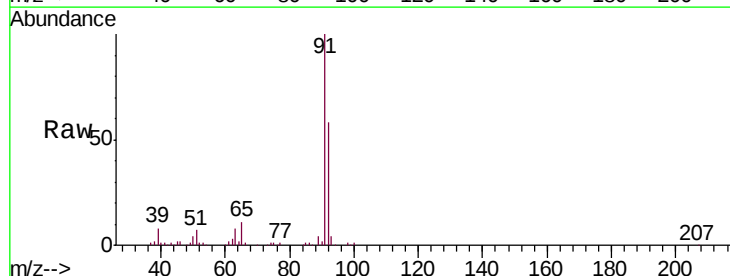
#39
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.22 min Scan# 1881
 Delta R.T. -0.05 min
 Lab File: VU028888.D
 Acq: 21 Dec 2018 21:04

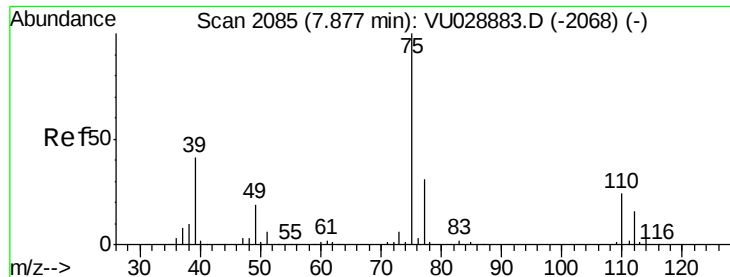
Tgt Ion: 75 Resp: 1778
 Ion Ratio Lower Upper
 75 100
 77 48.1 21.8 40.6#



#42
 Toluene
 Concen: 22.432 ug/L
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028888.D
 Acq: 21 Dec 2018 21:04

Tgt Ion: 91 Resp: 119457
 Ion Ratio Lower Upper
 91 100
 92 58.2 39.9 74.1





#44

trans-1,3-Dichloropropene

Concen: 0.662 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU028888.D

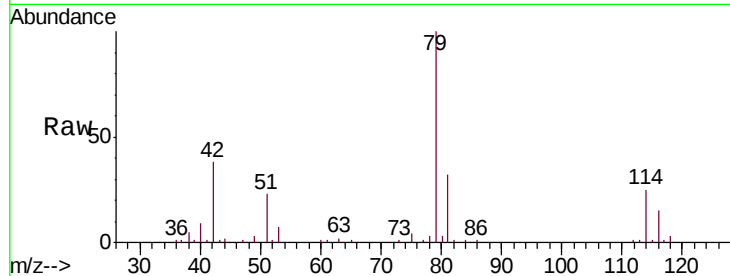
Acq: 21 Dec 2018 21:04

Tgt Ion: 75 Resp: 1236

Ion Ratio Lower Upper

75 100

77 37.5 21.8 40.6



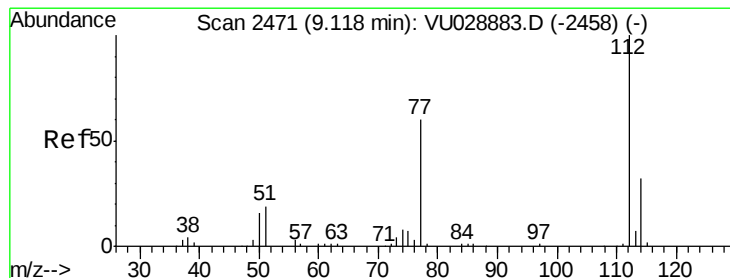
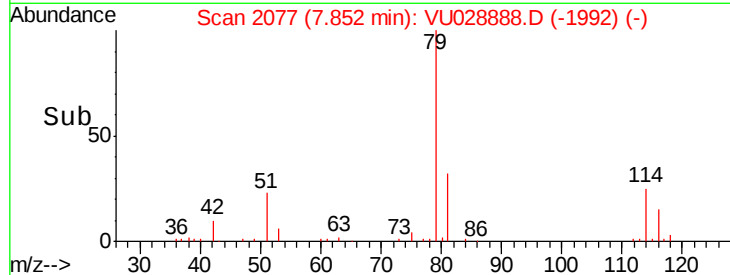
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.85

7.82 7.84 7.86 7.88

Time-->



#51

Chlorobenzene

Concen: 25.137 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU028888.D

Acq: 21 Dec 2018 21:04

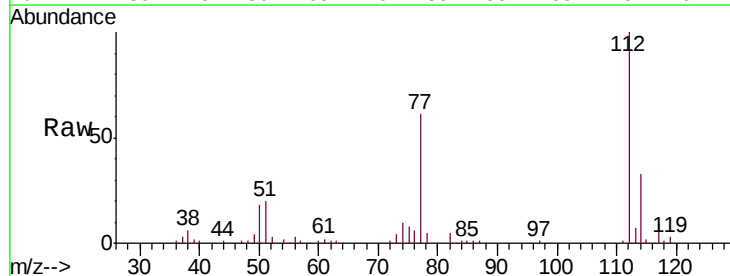
Tgt Ion: 112 Resp: 84367

Ion Ratio Lower Upper

112 100

114 32.8 22.2 41.2

77 61.5 47.8 71.8



Abundance Ion 112.00 (111.70 to 112.70): V

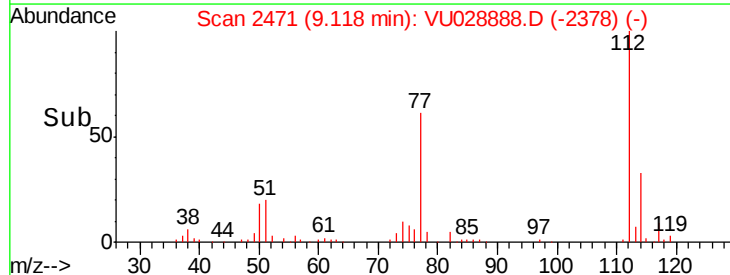
Ion 114.00 (113.70 to 114.70): V

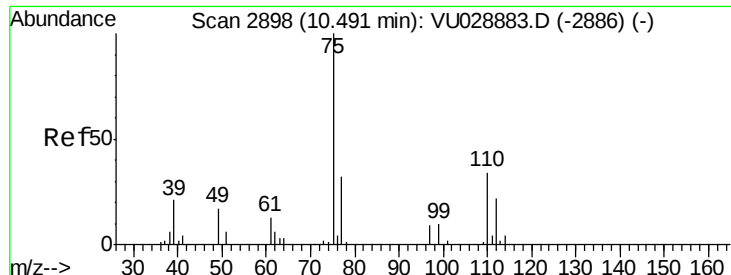
Ion 77.00 (76.70 to 77.70): VU0

9.12

9.05 9.10 9.15 9.20

Time-->

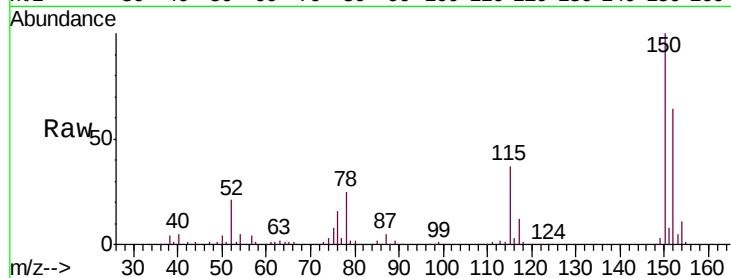




#59

1,2,3-Trichloropropane
 Concen: 4.675 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028888.D
 Acq: 21 Dec 2018 21:04

Tgt Ion: 75 Resp: 8192
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

