

Data File : VU028895.D
Acq On : 21 Dec 2018 23:53
Operator : MD/SY
Sample : J6535-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 22 01:59:59 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	174122	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67241	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60544	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.74%
7) Chloroethane-d5	1.67	69	49099	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.08%
11) 1,1-Dichloroethene-d2	2.27	63	79080	33.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.38%
21) 2-Butanone-d5	4.18	46	104136	106.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.65	84	105024	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.31	65	67925	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
32) Benzene-d6	5.34	84	230696	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
36) 1,2-Dichloropropane-d6	6.33	67	80450	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.70%
41) Toluene-d8	7.56	98	204150	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.85	79	33463	47.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.34%
47) 2-Hexanone-d5	8.31	63	80583	108.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109248	50.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	71631	52.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.34%

Target Compounds

					Qvalue	
8) Chloroethane	1.40	64	920	0.945	ug/L #	1
9) Trichlorofluoromethane	1.88	101	8540	4.896	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	684	0.606	ug/L #	20
12) 1,1-Dichloroethene	2.26	96	682	0.611	ug/L #	1
13) Acetone	2.32	43	1373	1.378	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	1800	1.314	ug/L	89
34) Trichloroethene	6.18	95	59868	47.717	ug/L	96
35) Methylcyclohexane	6.33	83	16996	8.133	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7377	5.078	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1701	0.821	ug/L #	55
40) 4-Methyl-2-pentanone	7.39	43	931	0.477	ug/L #	42
44) trans-1,3-Dichloropropene	7.85	75	1131	0.613	ug/L	100
46) Tetrachloroethene	8.22	164	24170	25.013	ug/L	98
49) Dibromochloromethane	8.22	129	22498	18.185	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	7912	4.564	ug/L	94

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

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Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

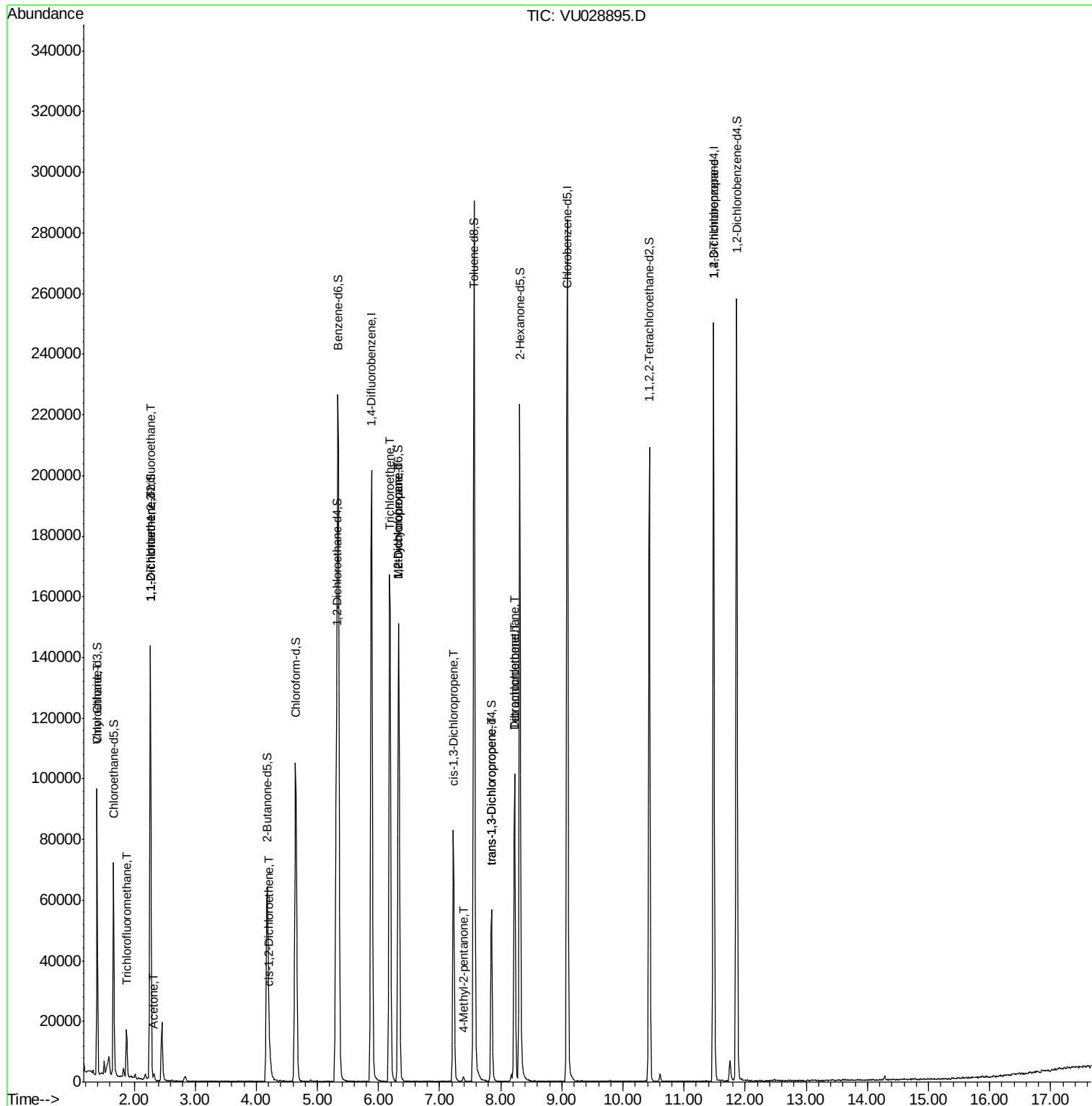
Quant Time: Dec 22 01:59:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

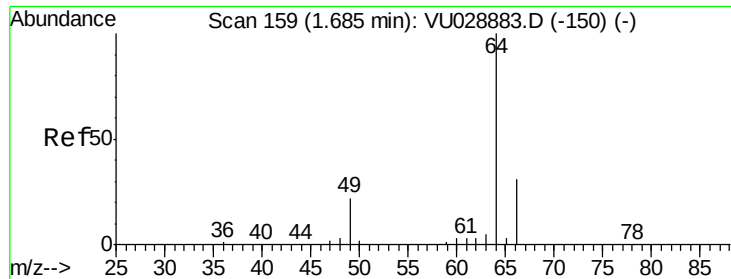
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#8

Chloroethane

Concen: 0.945 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028895.D

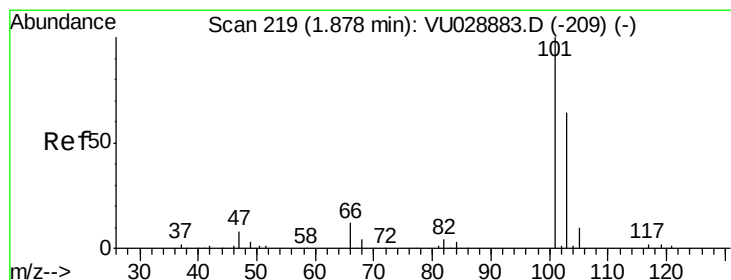
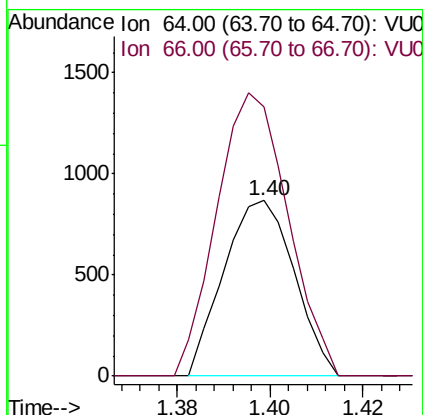
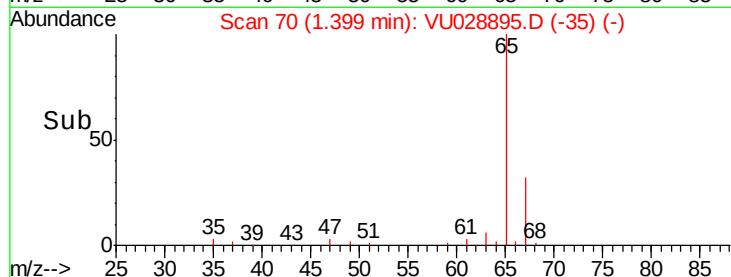
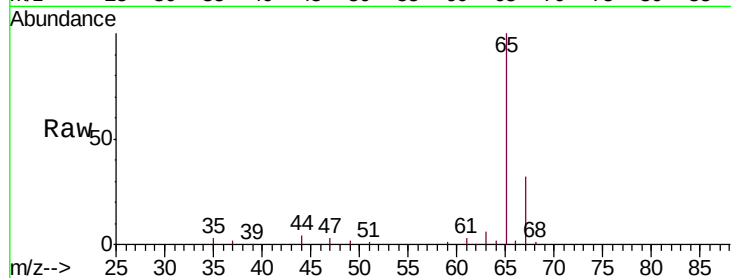
Acq: 21 Dec 2018 23:53

Tgt Ion: 64 Resp: 920

Ion Ratio Lower Upper

64 100

66 153.0 21.5 39.9#



#9

Trichlorofluoromethane

Concen: 4.896 ug/L

RT: 1.88 min Scan# 219

Delta R.T. 0.00 min

Lab File: VU028895.D

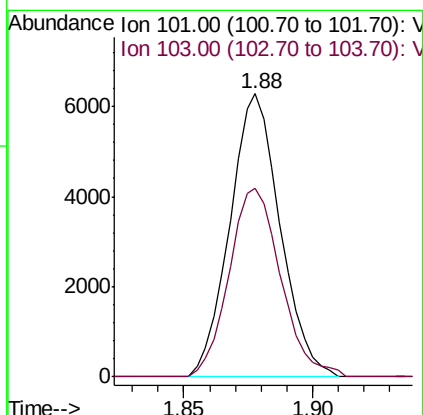
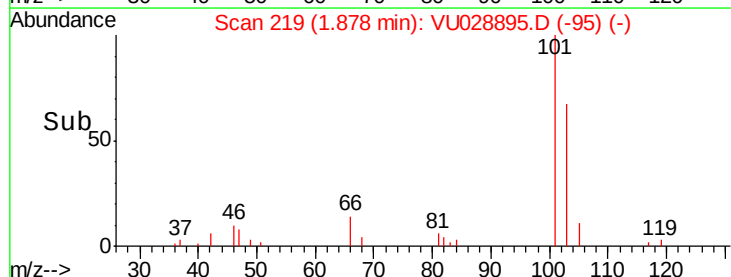
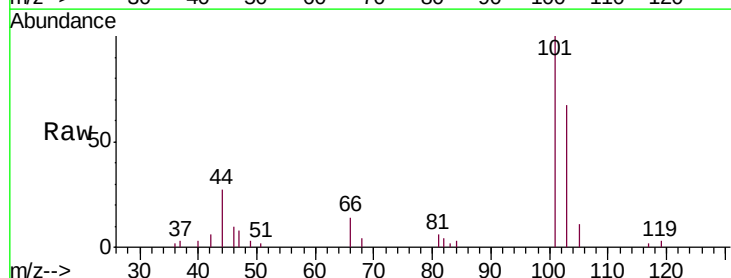
Acq: 21 Dec 2018 23:53

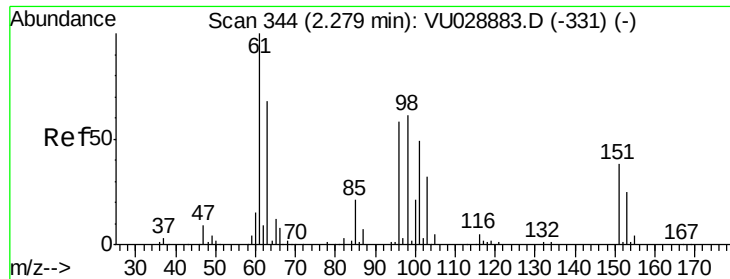
Tgt Ion: 101 Resp: 8540

Ion Ratio Lower Upper

101 100

103 68.4 51.4 77.0





#10

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

Concen: 0.606 ug/L

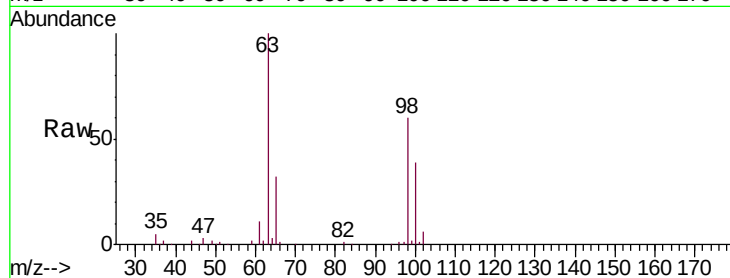
RT: 2.27 min Scan# 340

Delta R.T. -0.01 min

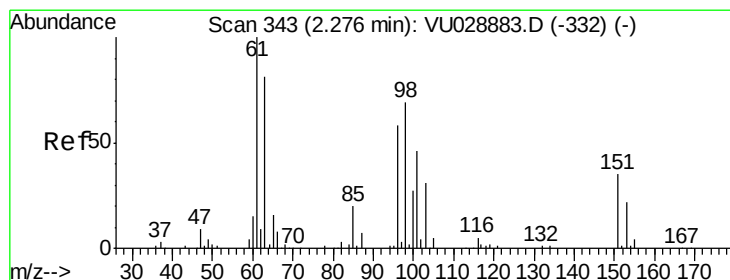
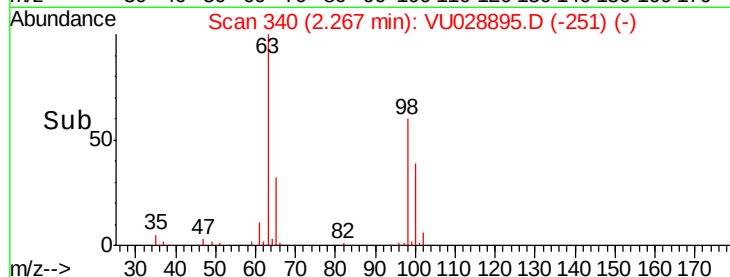
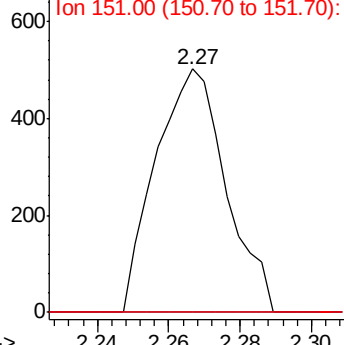
Lab File: VU028895.D

Acq: 21 Dec 2018 23:53

Tgt Ion:	101	Resp:	684
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): VU0
Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.611 ug/L

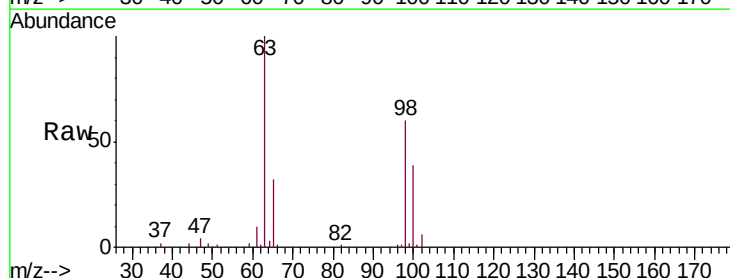
RT: 2.26 min Scan# 339

Delta R.T. -0.01 min

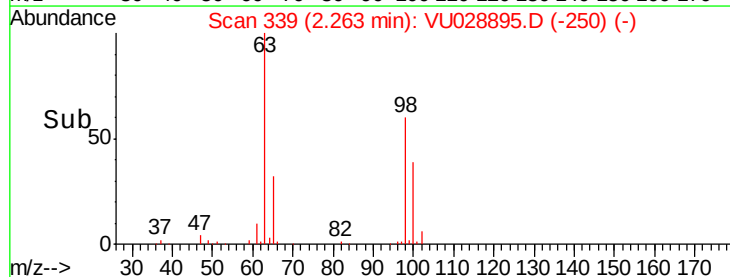
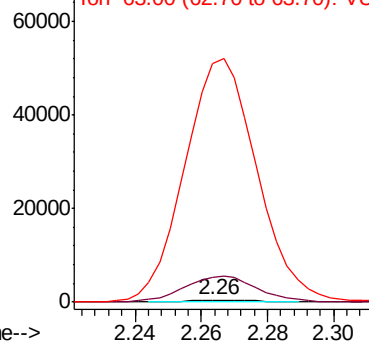
Lab File: VU028895.D

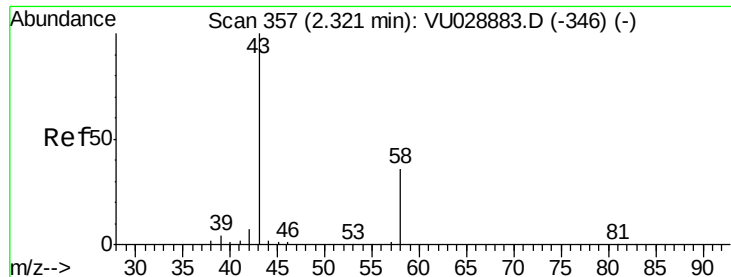
Acq: 21 Dec 2018 23:53

Tgt Ion:	96	Resp:	682
Ion	Ratio	Lower	Upper
96	100		
61	1060.6	119.3	221.5#
63	10318.9	107.4	199.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.378 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028895.D

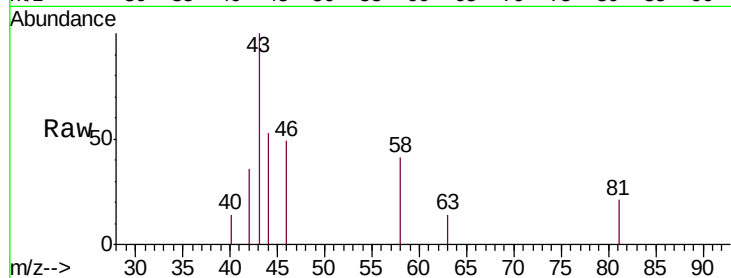
Acq: 21 Dec 2018 23:53

Tgt Ion: 43 Resp: 1373

Ion Ratio Lower Upper

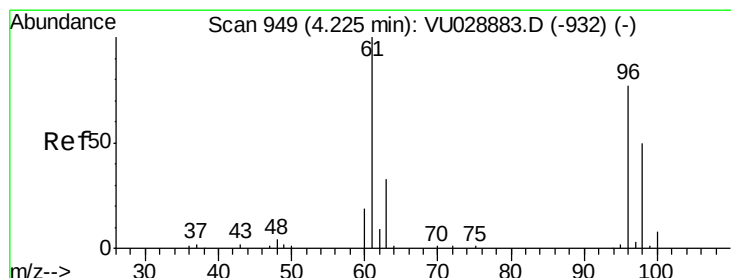
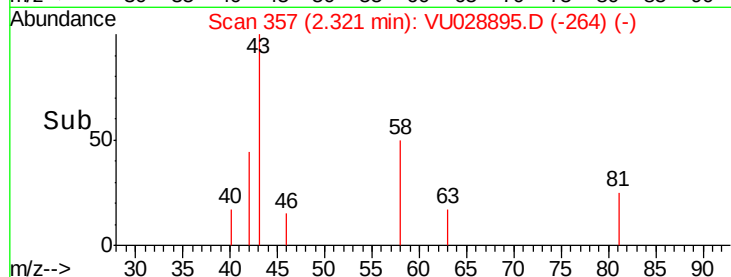
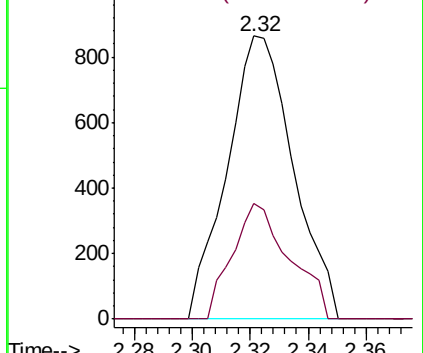
43 100

58 35.5 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 1.314 ug/L

RT: 4.22 min Scan# 948

Delta R.T. -0.00 min

Lab File: VU028895.D

Acq: 21 Dec 2018 23:53

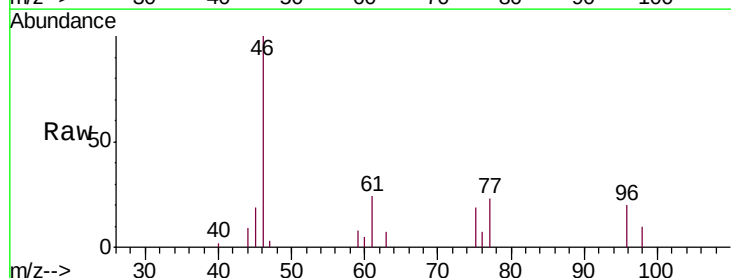
Tgt Ion: 96 Resp: 1800

Ion Ratio Lower Upper

96 100

61 119.1 92.1 171.1

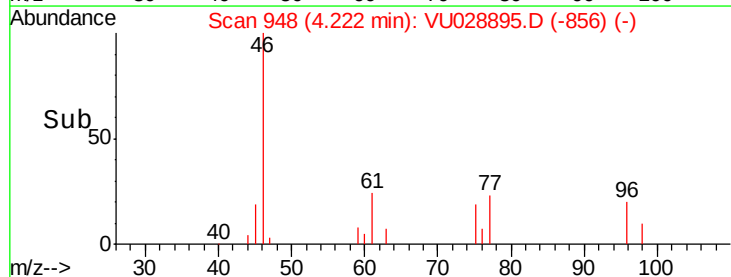
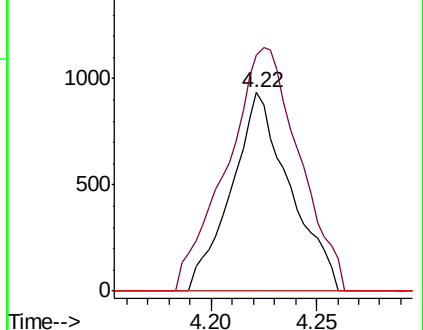
68 0.0 0.0 0.0

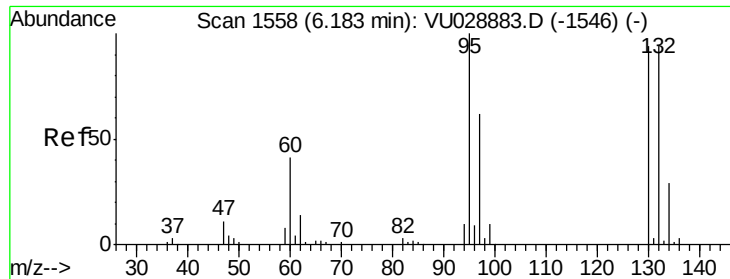


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 47.717 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU028895.D

Acq: 21 Dec 2018 23:53

Tgt Ion: 95 Resp: 59868

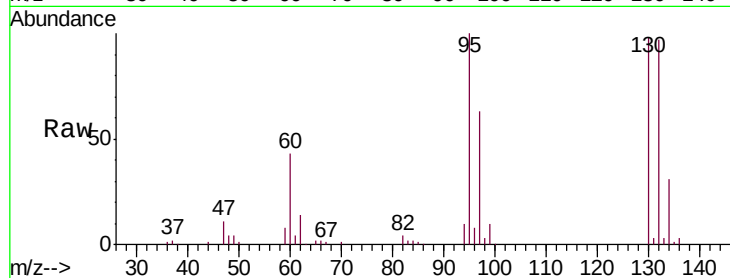
Ion Ratio Lower Upper

95 100

97 63.3 43.3 80.3

132 97.4 64.2 119.2

130 98.5 67.1 124.7

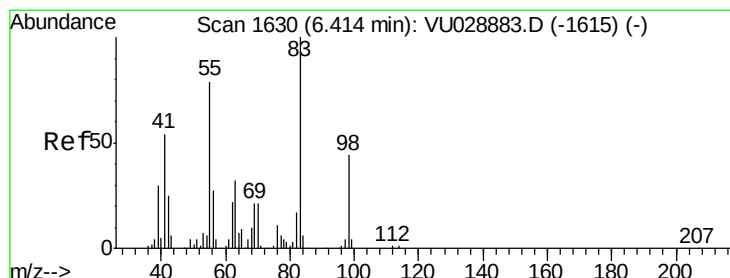
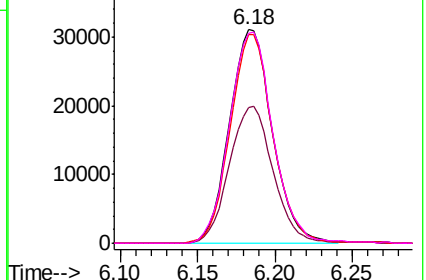
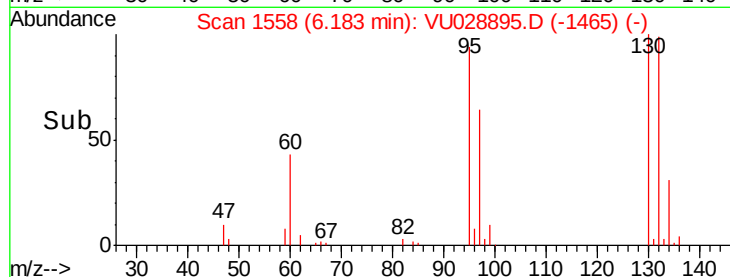


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 8.133 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.09 min

Lab File: VU028895.D

Acq: 21 Dec 2018 23:53

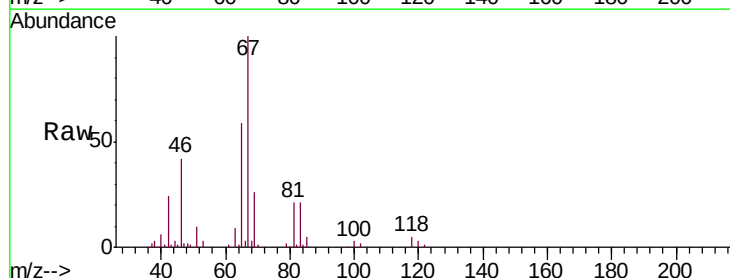
Tgt Ion: 83 Resp: 16996

Ion Ratio Lower Upper

83 100

55 0.0 63.7 95.5#

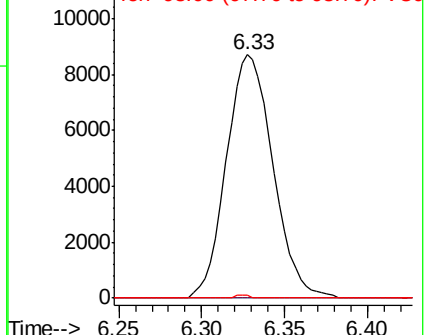
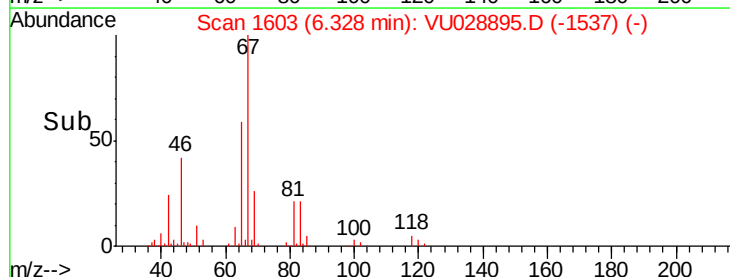
98 0.4 35.6 53.4#

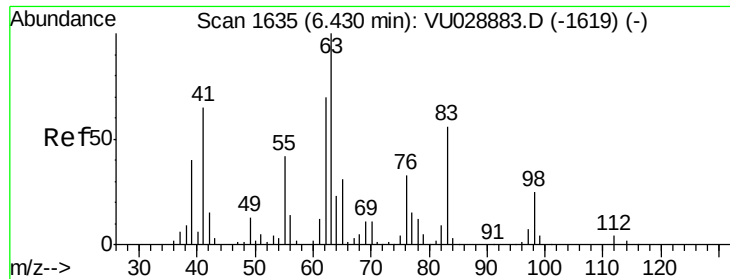


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

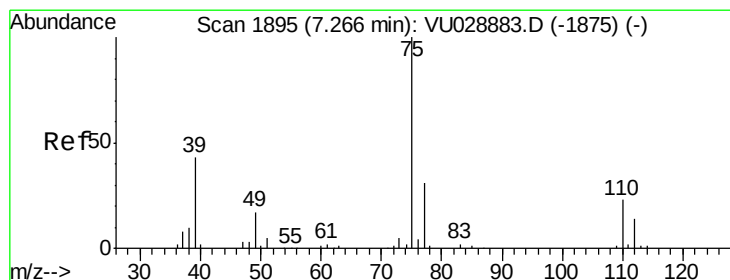
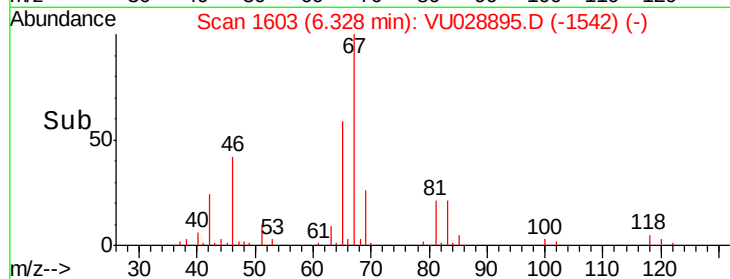
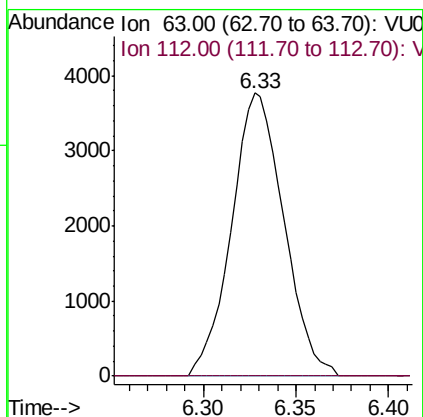
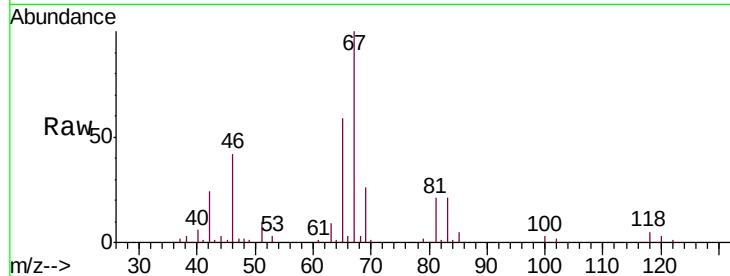
Ion 98.00 (97.70 to 98.70): VU0





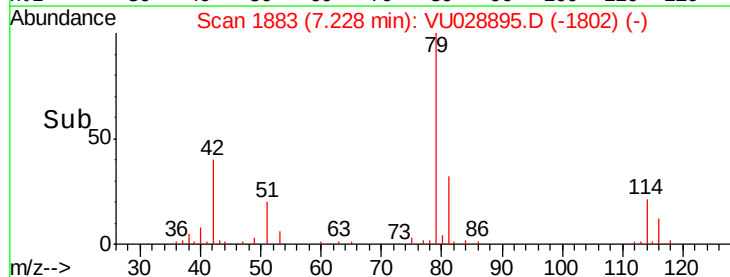
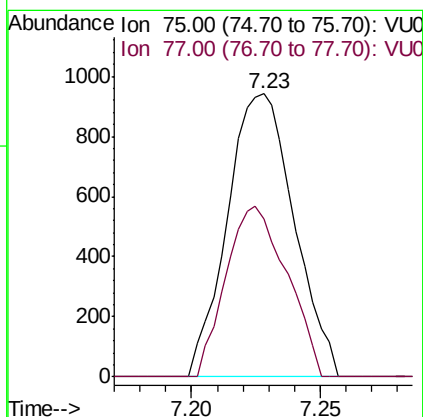
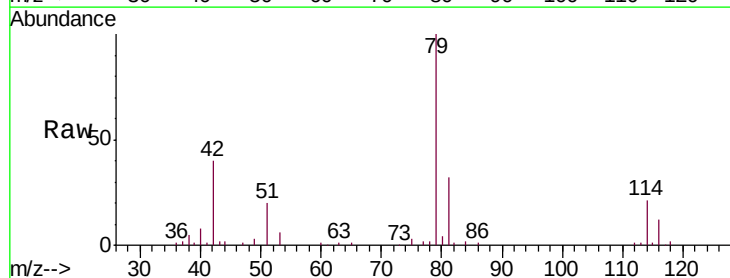
#37
 1,2-Dichloropropane
 Concen: 5.078 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028895.D
 Acq: 21 Dec 2018 23:53

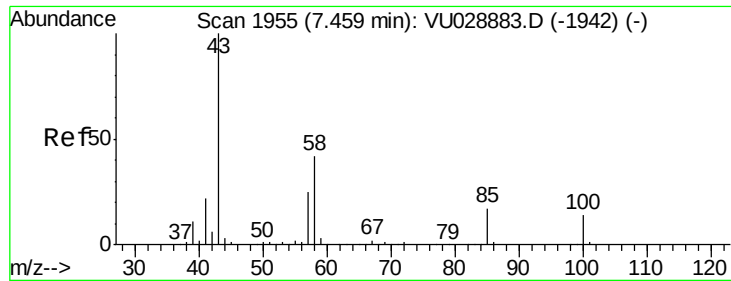
Tgt Ion: 63 Resp: 7377
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.821 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028895.D
 Acq: 21 Dec 2018 23:53

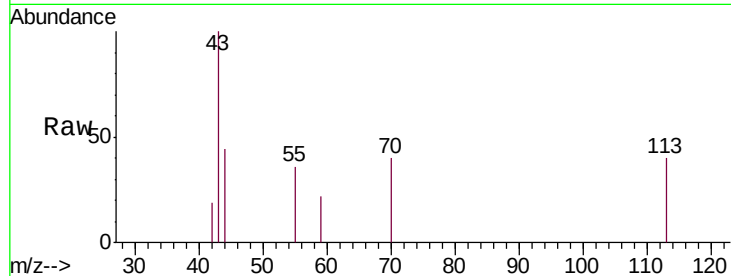
Tgt Ion: 75 Resp: 1701
 Ion Ratio Lower Upper
 75 100
 77 55.8 21.8 40.6#



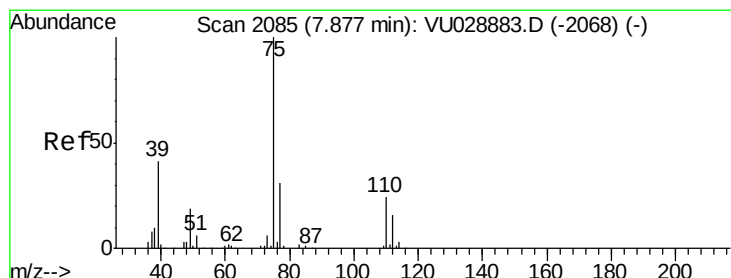
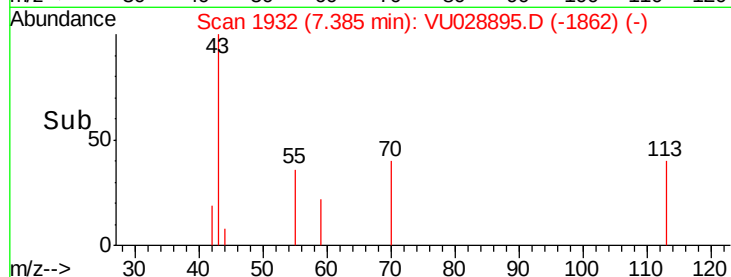
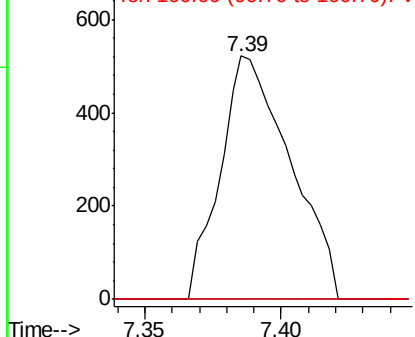


#40
 4-Methyl-2-pentanone
 Concen: 0.477 ug/L
 RT: 7.39 min Scan# 1932
 Delta R.T. -0.07 min
 Lab File: VU028895.D
 Acq: 21 Dec 2018 23:53

Tgt Ion: 43 Resp: 931
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.1 49.7#
 100 0.0 11.5 17.3#

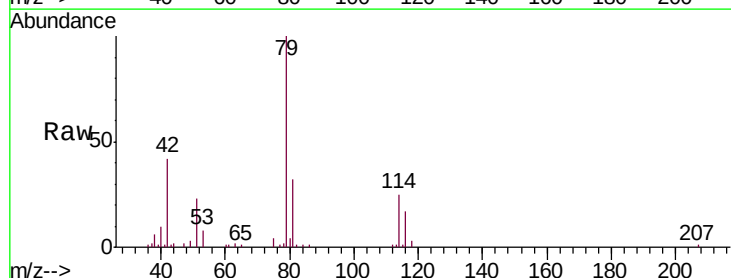


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

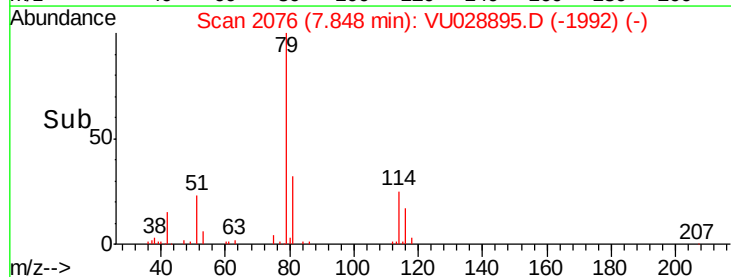
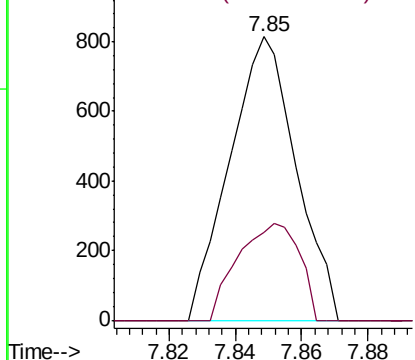


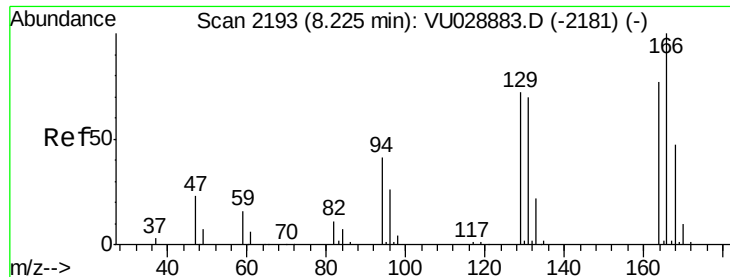
#44
 trans-1,3-Dichloropropene
 Concen: 0.613 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU028895.D
 Acq: 21 Dec 2018 23:53

Tgt Ion: 75 Resp: 1131
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.8 40.6



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





#46

Tetrachloroethene

Concen: 25.013 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU028895.D

Acq: 21 Dec 2018 23:53

Tgt Ion:164 Resp: 24170

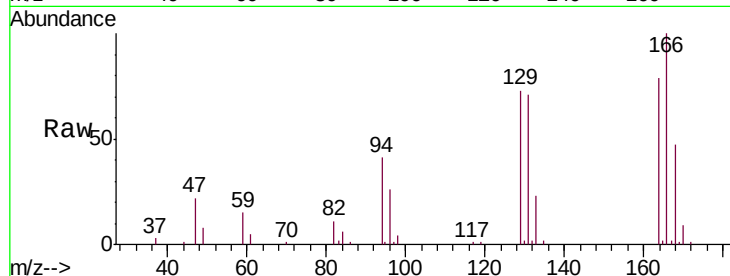
Ion Ratio Lower Upper

164 100

129 92.6 66.8 124.0

131 89.8 64.2 119.2

166 127.1 90.8 168.6

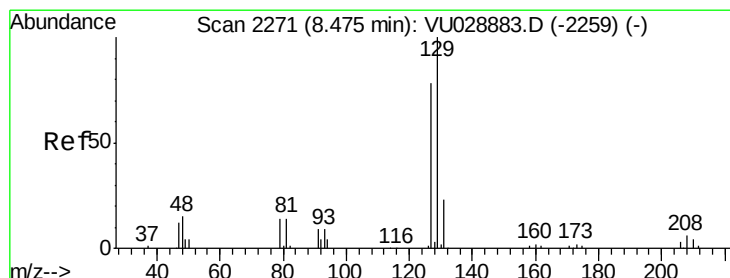
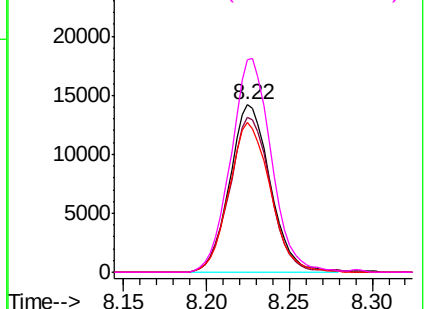
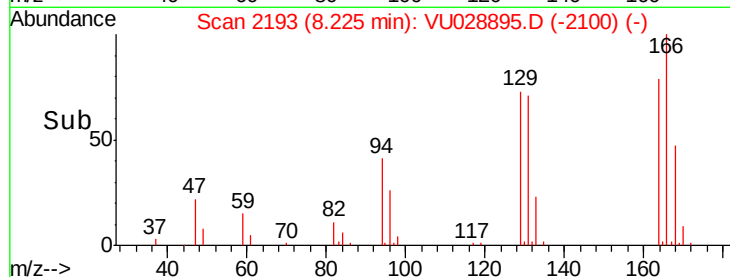


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 18.185 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028895.D

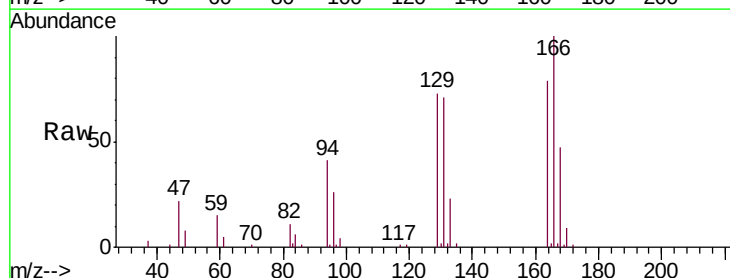
Acq: 21 Dec 2018 23:53

Tgt Ion:129 Resp: 22498

Ion Ratio Lower Upper

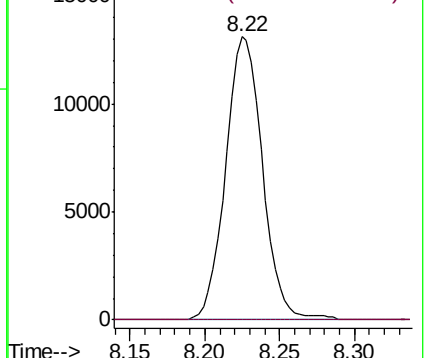
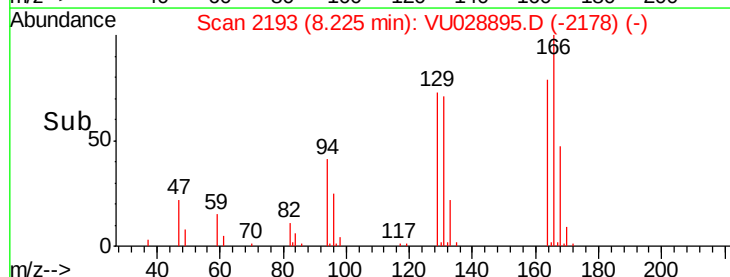
129 100

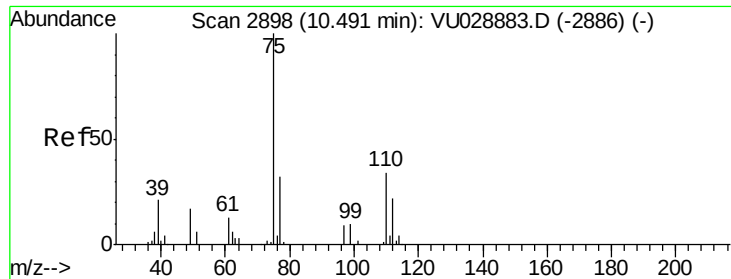
127 0.0 54.1 100.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.564 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028895.D

Acq: 21 Dec 2018 23:53

Tgt Ion: 75 Resp: 7912

Ion Ratio Lower Upper

75 100

77 35.1 25.5 38.3

