

Data File : VU028896.D
Acq On : 22 Dec 2018 00:18
Operator : MD/SY
Sample : J6535-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 02:00:13 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	171870	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66197	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60655	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.04%
7) Chloroethane-d5	1.67	69	47752	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.74%
11) 1,1-Dichloroethene-d2	2.27	63	80770	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.72%
21) 2-Butanone-d5	4.18	46	105665	109.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.46%
24) Chloroform-d	4.65	84	106621	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
26) 1,2-Dichloroethane-d4	5.31	65	67900	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.34	84	234288	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
36) 1,2-Dichloropropane-d6	6.33	67	81686	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.56	98	206726	49.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.56%
43) trans-1,3-Dichloropropene-	7.85	79	33663	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.31	63	80779	108.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110313	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	71938	53.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.46%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	1269	0.666 ug/L	100
8) Chloroethane	1.40	64	757	0.788 ug/L #	1
9) Trichlorofluoromethane	1.88	101	11959	6.947 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	726	0.652 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	610	0.554 ug/L #	1
13) Acetone	2.32	43	2063	2.097 ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	2115	1.564 ug/L	70
27) 1,2-Dichloroethane	5.33	62	1044	0.636 ug/L #	74
34) Trichloroethene	6.18	95	113878	90.419 ug/L	98
37) 1,2-Dichloropropane	6.33	63	7596	5.209 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1839	0.885 ug/L #	78
40) 4-Methyl-2-pentanone	7.39	43	1310	0.668 ug/L #	42
44) trans-1,3-Dichloropropene	7.85	75	1209	0.652 ug/L	94
46) Tetrachloroethene	8.22	164	33437	34.471 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	8362	4.805 ug/L	96

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

Data File : VU028896.D
Acq On : 22 Dec 2018 00:18
Operator : MD/SY
Sample : J6535-05
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ALS Vial : 38 Sample Multiplier: 1

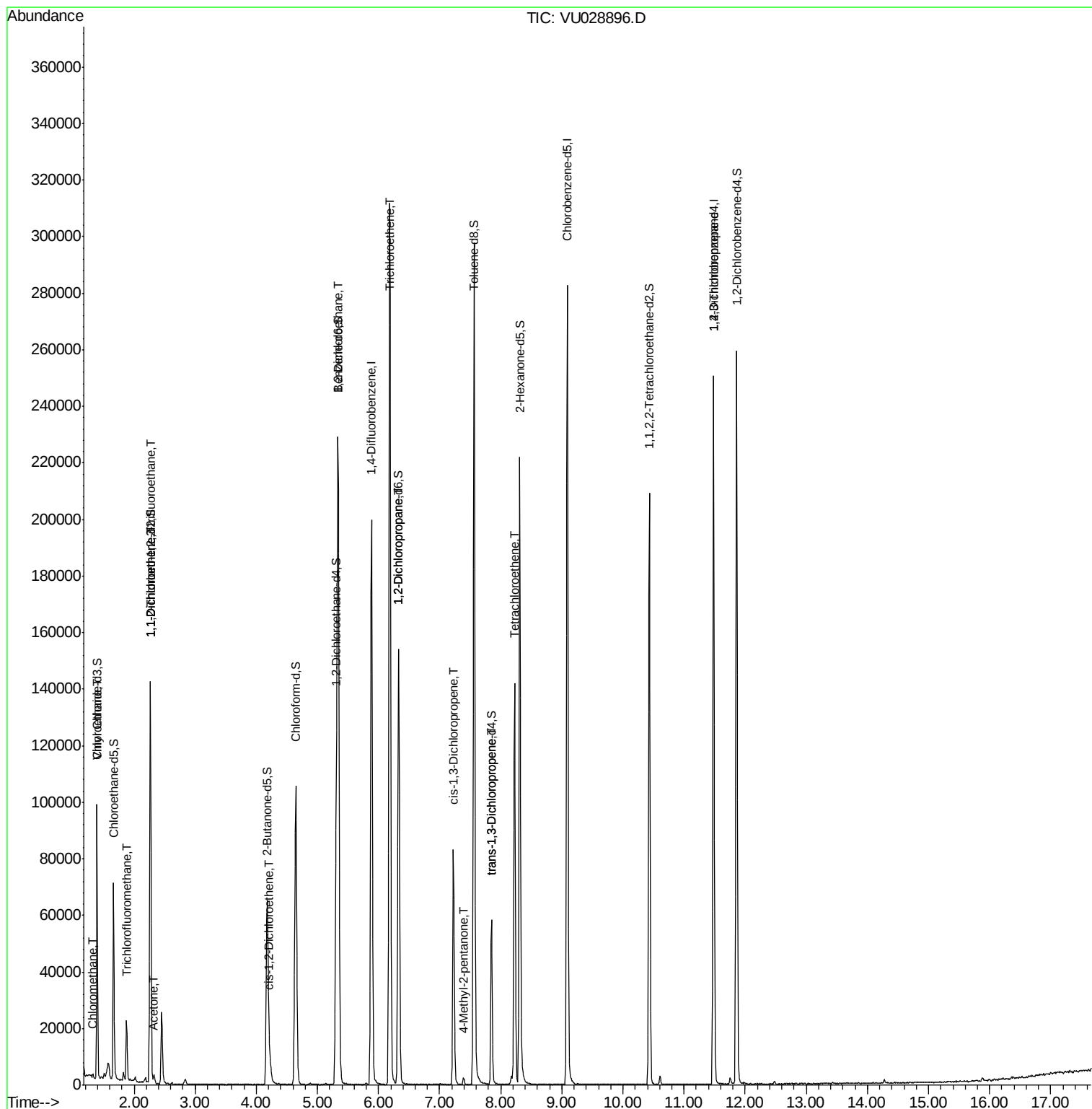
Quant Time: Dec 22 02:00:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

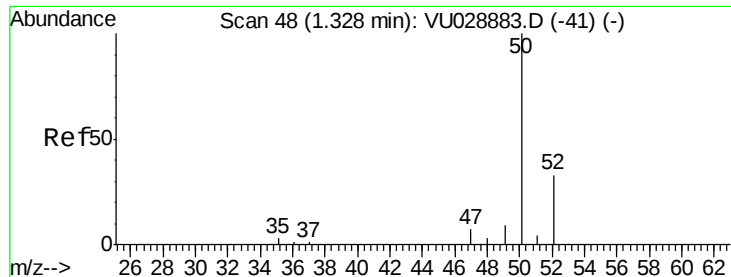
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data File : VU028896.D
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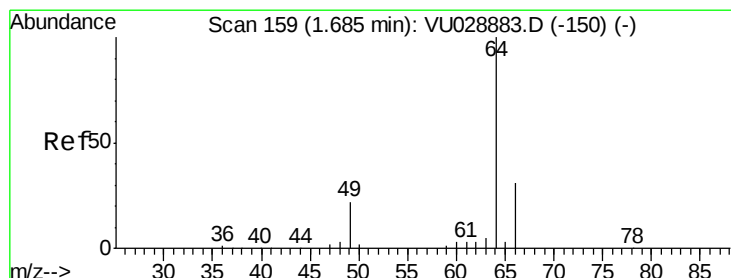
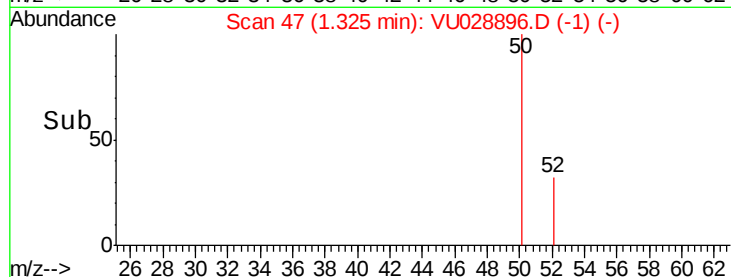
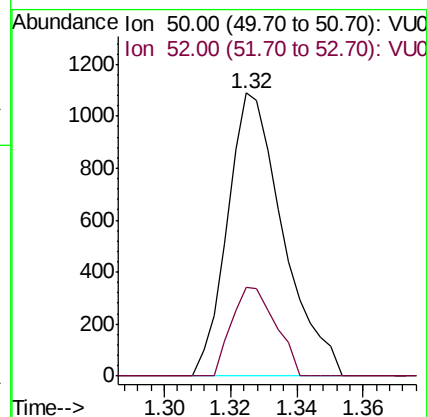
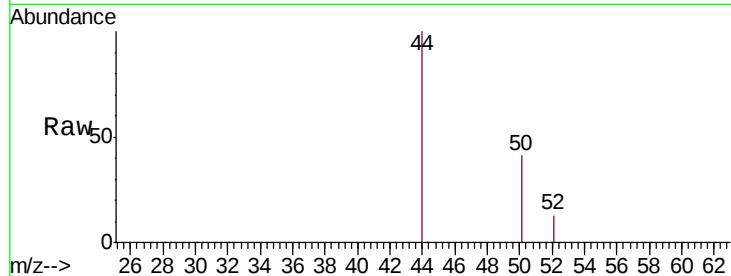
Quant Time: Dec 22 02:00:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
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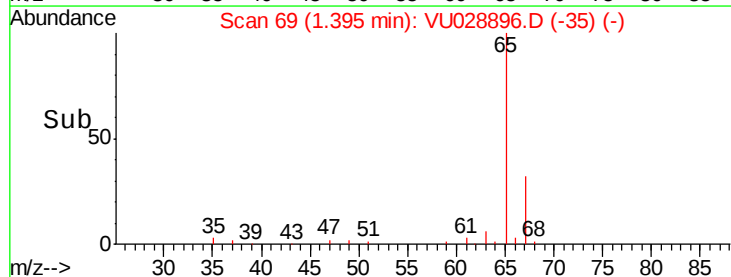
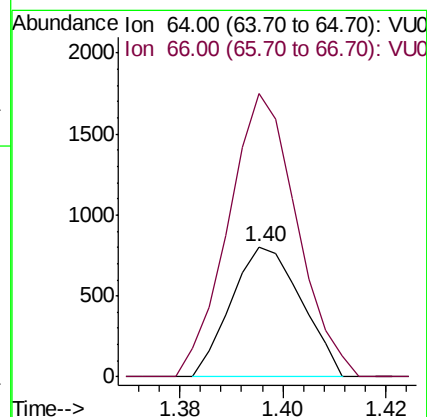
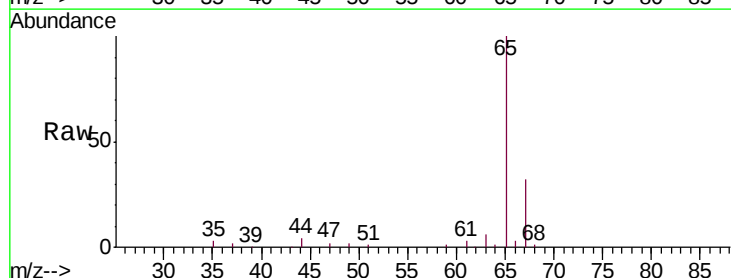
#3
Chloromethane
Concen: 0.666 ug/L
RT: 1.32 min Scan# 47
Delta R.T. -0.00 min
Lab File: VU028896.D
Acq: 22 Dec 2018 00:18

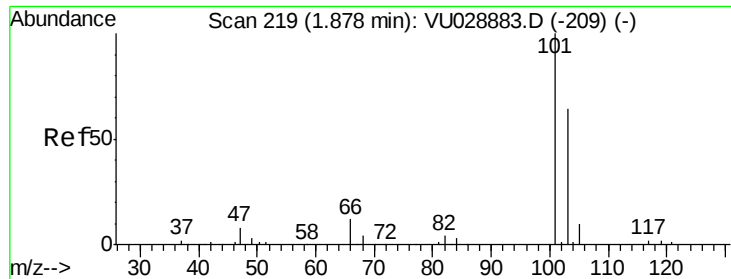
Tgt Ion: 50 Resp: 1269
Ion Ratio Lower Upper
50 100
52 31.6 22.3 41.3



#8
Chloroethane
Concen: 0.788 ug/L
RT: 1.40 min Scan# 69
Delta R.T. -0.29 min
Lab File: VU028896.D
Acq: 22 Dec 2018 00:18

Tgt Ion: 64 Resp: 757
Ion Ratio Lower Upper
64 100
66 217.4 21.5 39.9#





#9

Trichlorofluoromethane

Concen: 6.947 ug/L

RT: 1.88 min Scan# 219

Delta R.T. 0.00 min

Lab File: VU028896.D

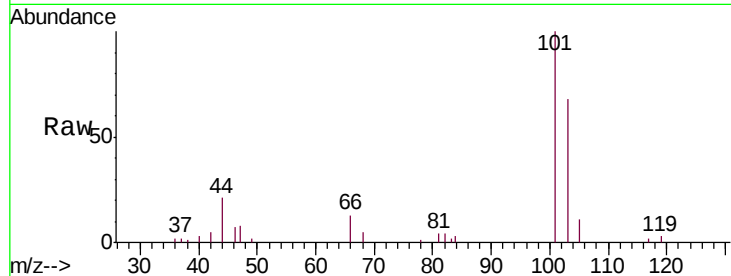
Acq: 22 Dec 2018 00:18

Tgt Ion:101 Resp: 11959

Ion Ratio Lower Upper

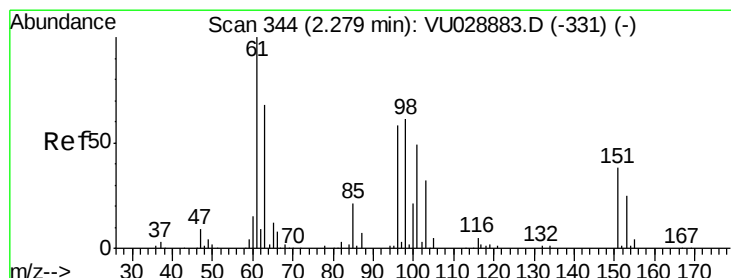
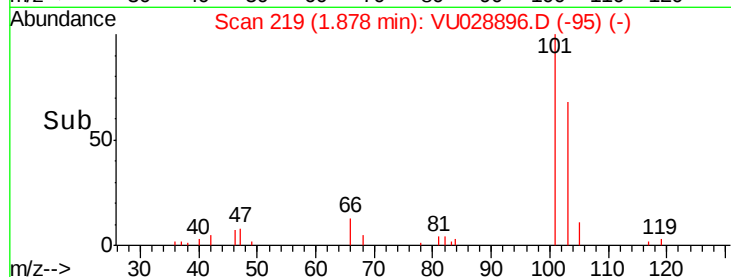
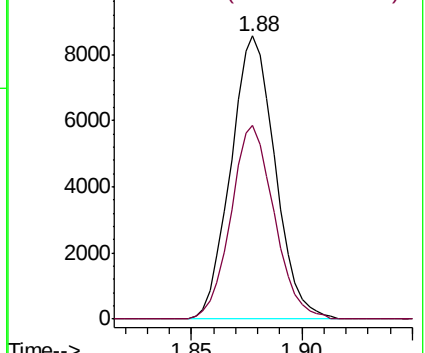
101 100

103 66.9 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.652 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU028896.D

Acq: 22 Dec 2018 00:18

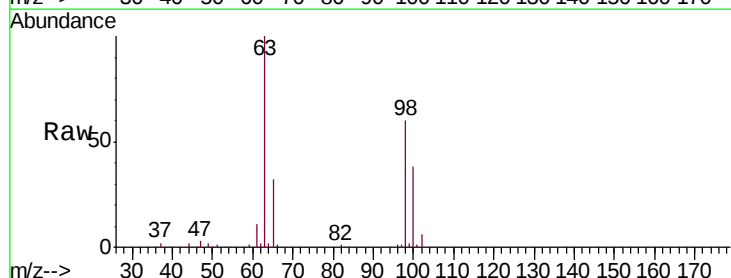
Tgt Ion:101 Resp: 726

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

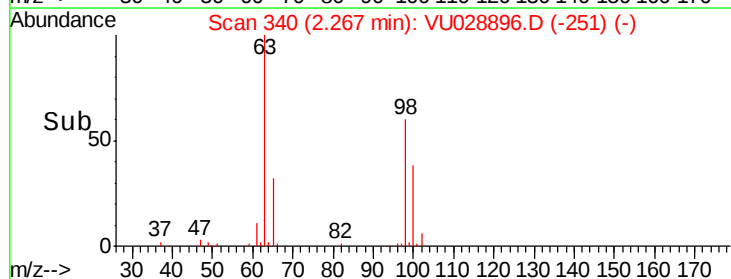
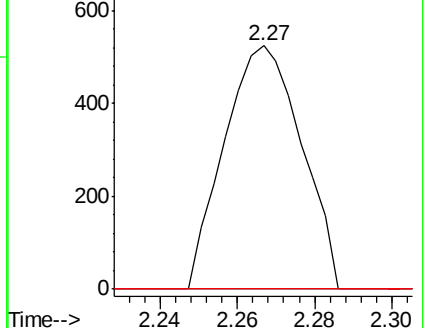
151 0.0 59.4 89.0#

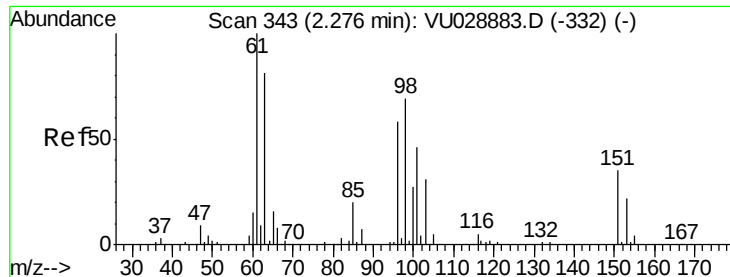


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

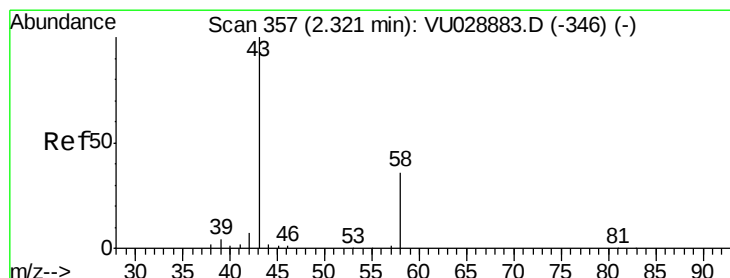
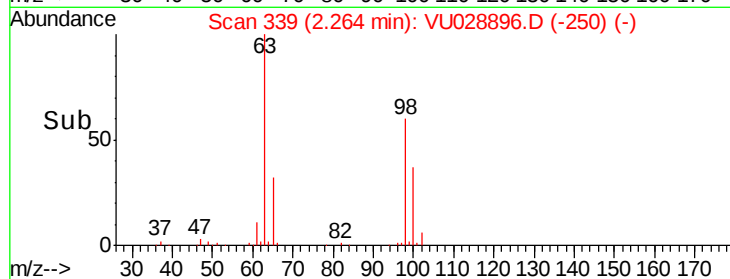
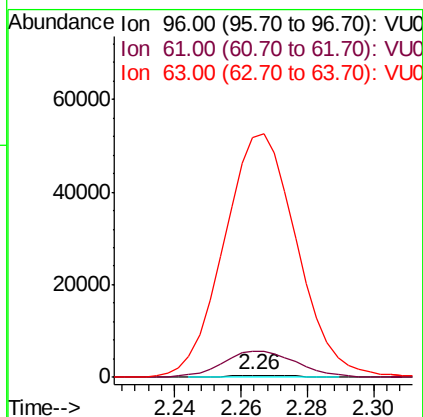
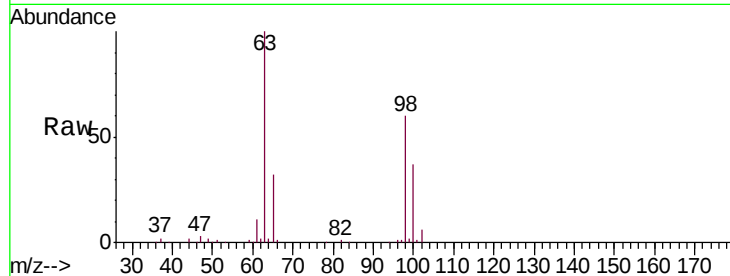
Ion 151.00 (150.70 to 151.70): V





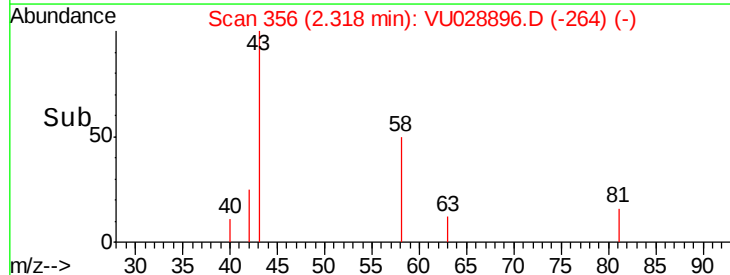
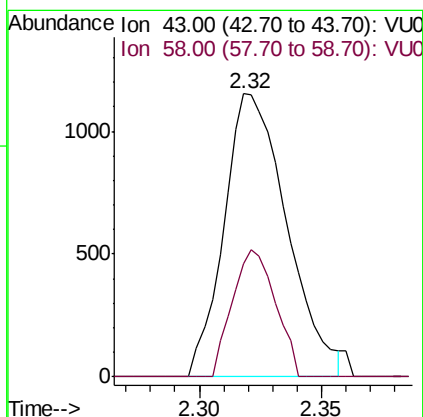
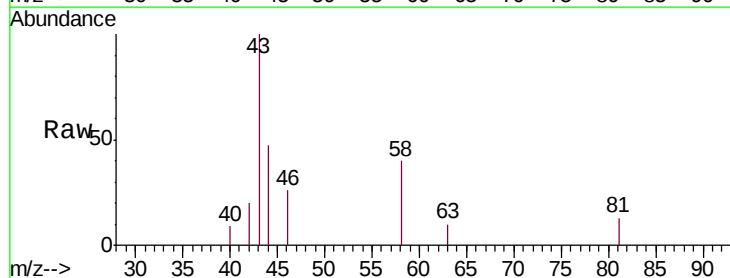
#12
 1,1-Dichloroethene
 Concen: 0.554 ug/L
 RT: 2.26 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: VU028896.D
 Acq: 22 Dec 2018 00:18

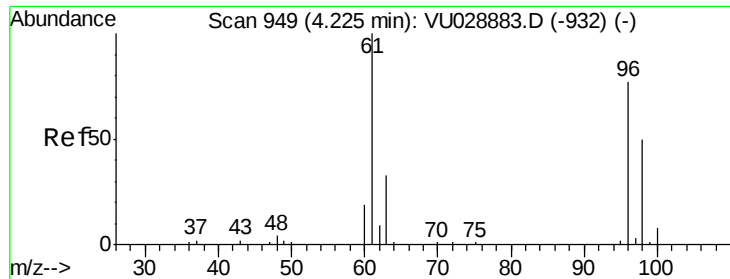
Tgt Ion: 96 Resp: 610
 Ion Ratio Lower Upper
 96 100
 61 1541.2 119.3 221.5#
 63 13988.1 107.4 199.6#



#13
 Acetone
 Concen: 2.097 ug/L
 RT: 2.32 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VU028896.D
 Acq: 22 Dec 2018 00:18

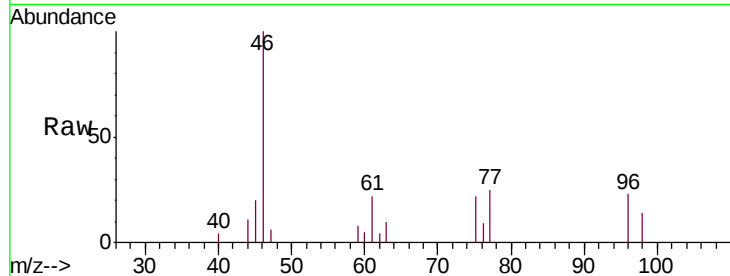
Tgt Ion: 43 Resp: 2063
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 70.2



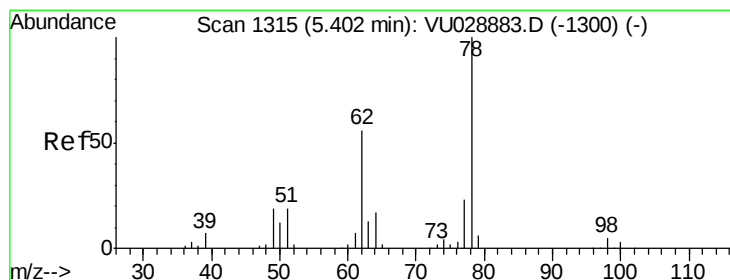
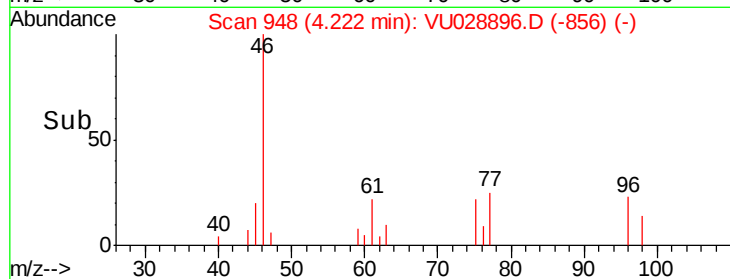
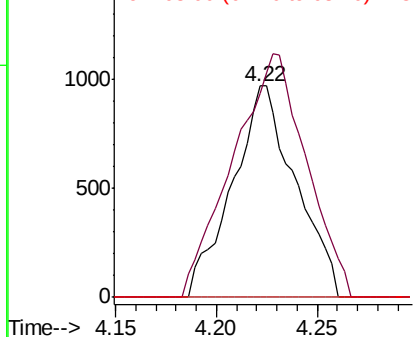


#20
 cis-1,2-Dichloroethene
 Concen: 1.564 ug/L
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU028896.D
 Acq: 22 Dec 2018 00:18

Tgt Ion: 96 Resp: 2115
 Ion Ratio Lower Upper
 96 100
 61 96.6 92.1 171.1
 68 0.0 0.0 0.0

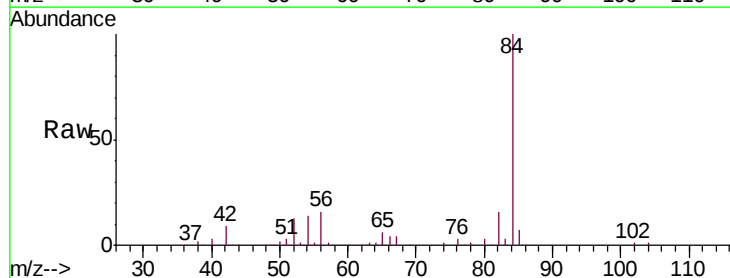


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

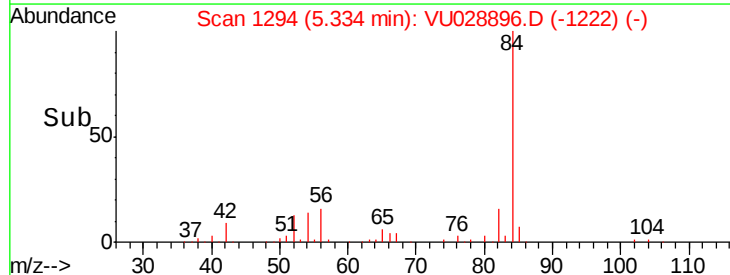
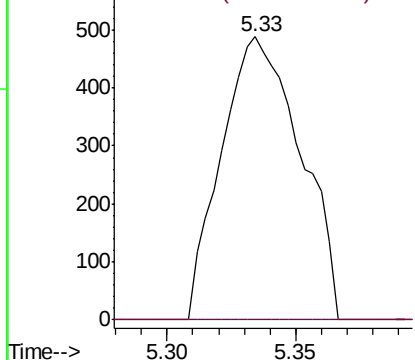


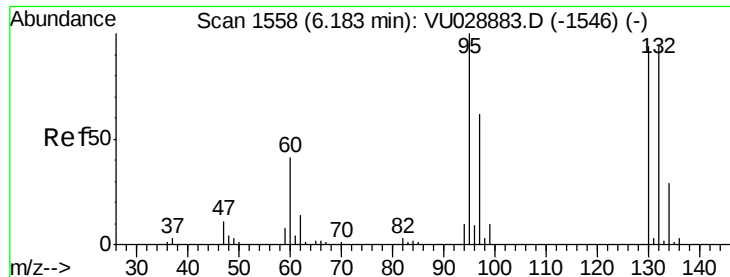
#27
 1,2-Dichloroethane
 Concen: 0.636 ug/L
 RT: 5.33 min Scan# 1294
 Delta R.T. -0.07 min
 Lab File: VU028896.D
 Acq: 22 Dec 2018 00:18

Tgt Ion: 62 Resp: 1044
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





#34

Trichloroethene

Concen: 90.419 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU028896.D

Acq: 22 Dec 2018 00:18

Tgt Ion: 95 Resp: 113878

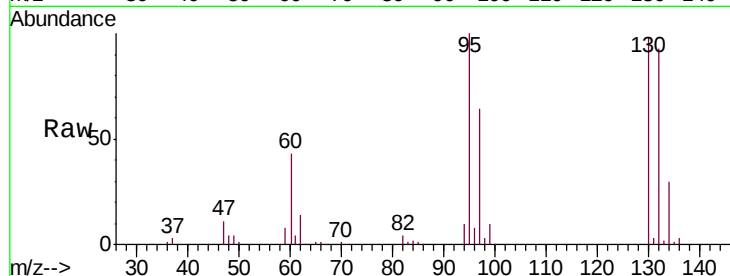
Ion Ratio Lower Upper

95 100

97 64.4 43.3 80.3

132 93.0 64.2 119.2

130 97.9 67.1 124.7

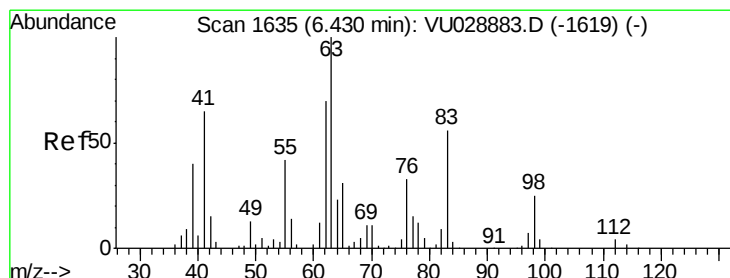
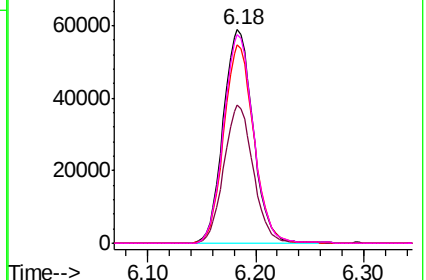
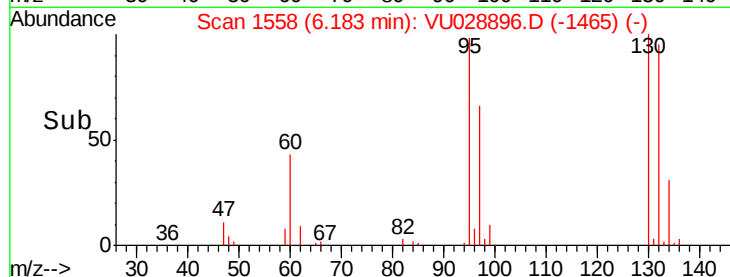


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 5.209 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU028896.D

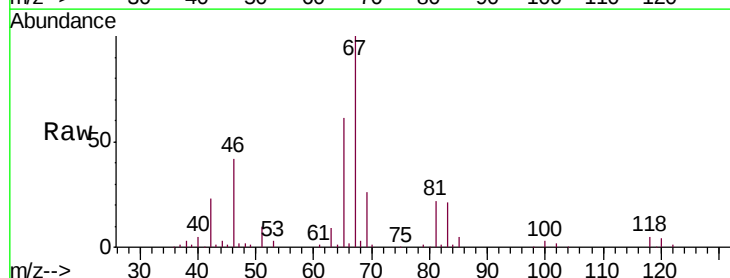
Acq: 22 Dec 2018 00:18

Tgt Ion: 63 Resp: 7596

Ion Ratio Lower Upper

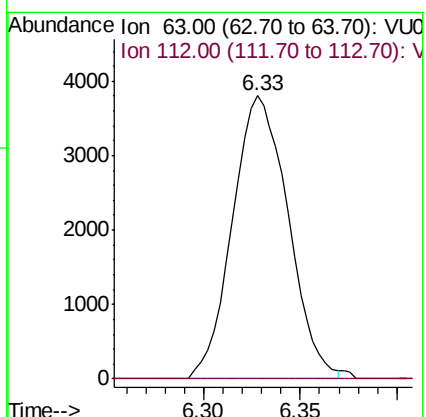
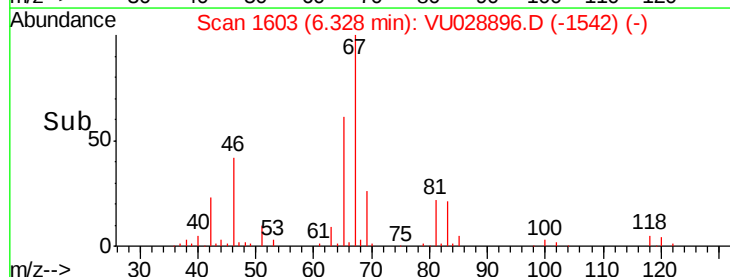
63 100

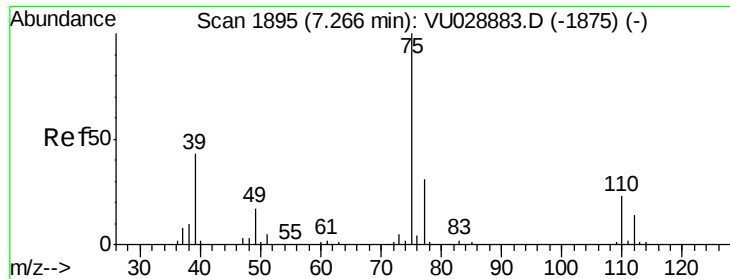
112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0

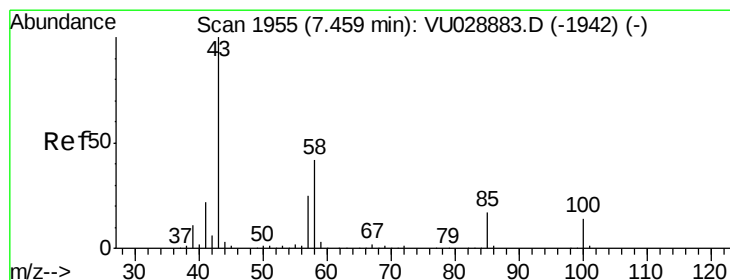
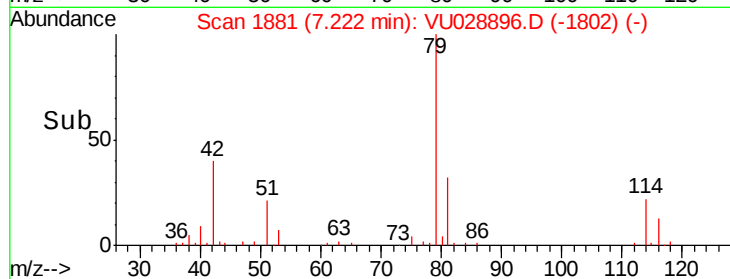
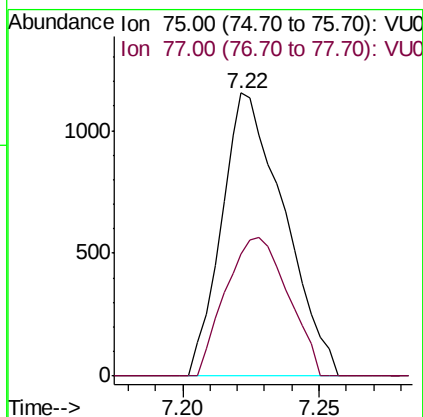
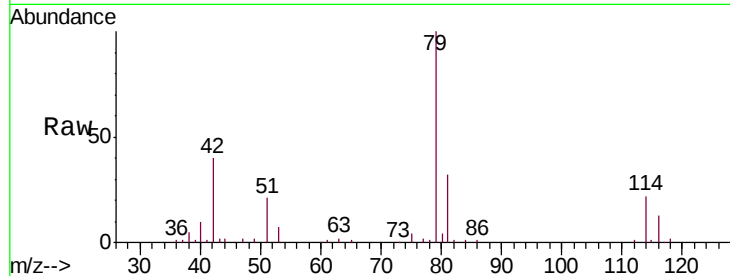
Ion 112.00 (111.70 to 112.70): V





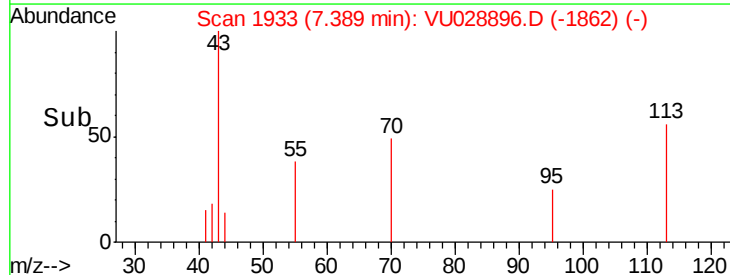
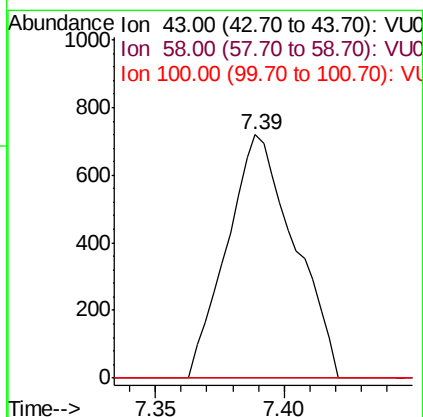
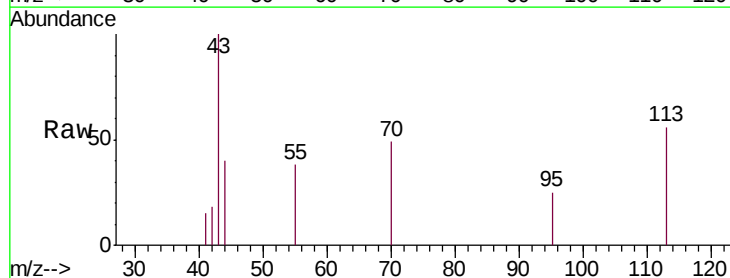
#39
 cis-1,3-Dichloropropene
 Concen: 0.885 ug/L
 RT: 7.22 min Scan# 1881
 Delta R.T. -0.04 min
 Lab File: VU028896.D
 Acq: 22 Dec 2018 00:18

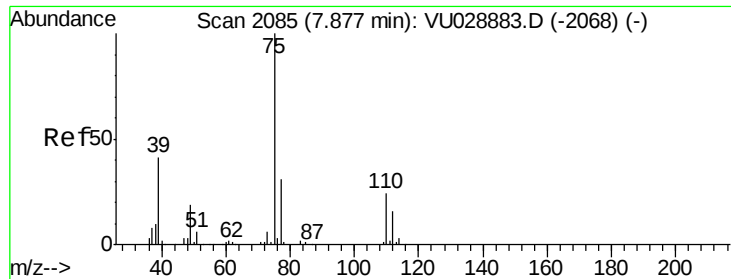
Tgt Ion: 75 Resp: 1839
 Ion Ratio Lower Upper
 75 100
 77 43.1 21.8 40.6#



#40
 4-Methyl-2-pentanone
 Concen: 0.668 ug/L
 RT: 7.39 min Scan# 1933
 Delta R.T. -0.07 min
 Lab File: VU028896.D
 Acq: 22 Dec 2018 00:18

Tgt Ion: 43 Resp: 1310
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.1 49.7#
 100 0.0 11.5 17.3#





#44

trans-1,3-Dichloropropene

Concen: 0.652 ug/L

RT: 7.85 min Scan# 2075

Delta R.T. -0.03 min

Lab File: VU028896.D

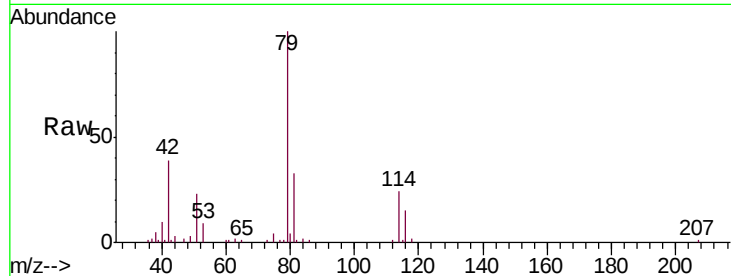
Acq: 22 Dec 2018 00:18

Tgt Ion: 75 Resp: 1209

Ion Ratio Lower Upper

75 100

77 34.6 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU028883.D (-2068) (-)

Ion 77.00 (76.70 to 77.70): VU028883.D (-2068) (-)

7.85

800

600

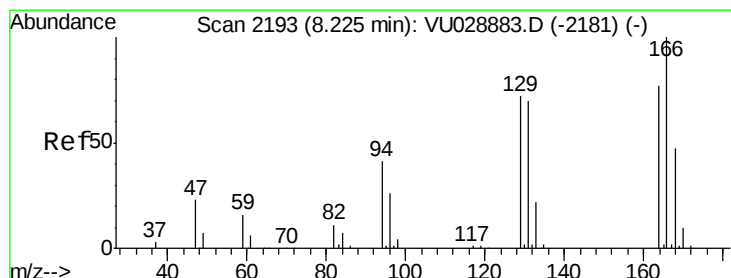
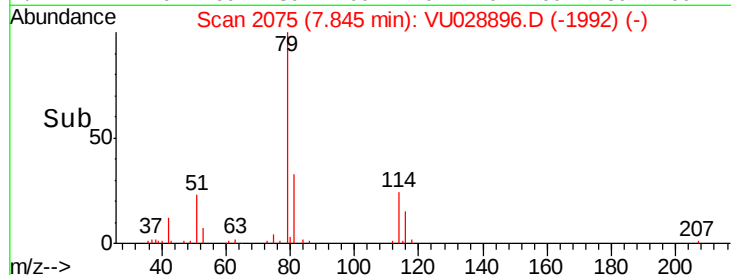
400

200

0

7.82 7.84 7.86 7.88

Time-->



#46

Tetrachloroethene

Concen: 34.471 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU028896.D

Acq: 22 Dec 2018 00:18

Tgt Ion: 164 Resp: 33437

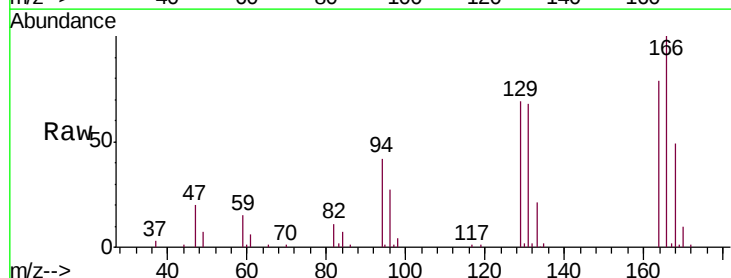
Ion Ratio Lower Upper

164 100

129 87.5 66.8 124.0

131 86.5 64.2 119.2

166 126.5 90.8 168.6



Abundance Ion 164.00 (163.70 to 164.70): VU028883.D (-2181) (-)

Ion 129.00 (128.70 to 129.70): VU028883.D (-2181) (-)

Ion 131.00 (130.70 to 131.70): VU028883.D (-2181) (-)

Ion 166.00 (165.70 to 166.70): VU028883.D (-2181) (-)

8.22

40000

30000

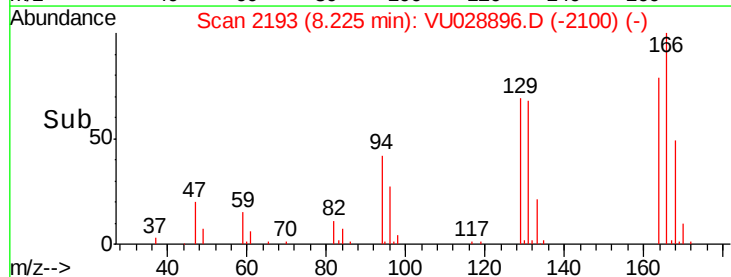
20000

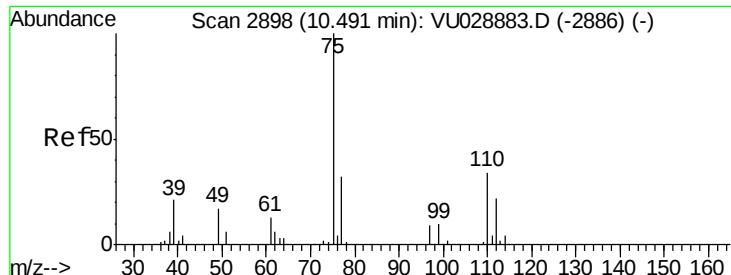
10000

0

8.15 8.20 8.25 8.30

Time-->

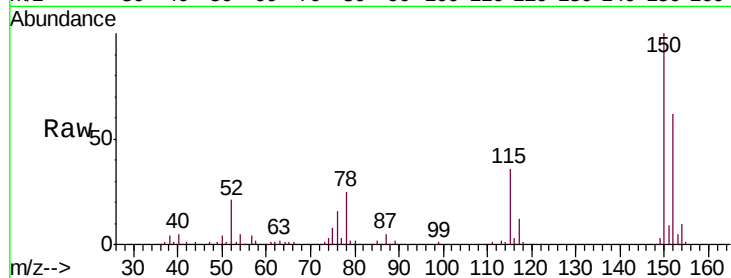




#59

1,2,3-Trichloropropane
 Concen: 4.805 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028896.D
 Acq: 22 Dec 2018 00:18

Tgt Ion: 75 Resp: 8362
 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

