

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
 Data File : VU028864.D
 Acq On : 21 Dec 2018 11:20
 Operator : MD/SY
 Sample : J6513-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 21 23:30:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 23:27:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	177409	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	169095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58220	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.86%
7) Chloroethane-d5	1.67	69	49641	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.38%
11) 1,1-Dichloroethene-d2	2.27	63	78886	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.96%
21) 2-Butanone-d5	4.18	46	117223	117.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.64%
24) Chloroform-d	4.65	84	111860	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	5.31	65	71546	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
32) Benzene-d6	5.34	84	238753	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
36) 1,2-Dichloropropane-d6	6.33	67	84977	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.72%
41) Toluene-d8	7.56	98	208872	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%
43) trans-1,3-Dichloropropene-	7.85	79	36433	50.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.20%
47) 2-Hexanone-d5	8.31	63	90852	117.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120707	53.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	75742	53.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.20%

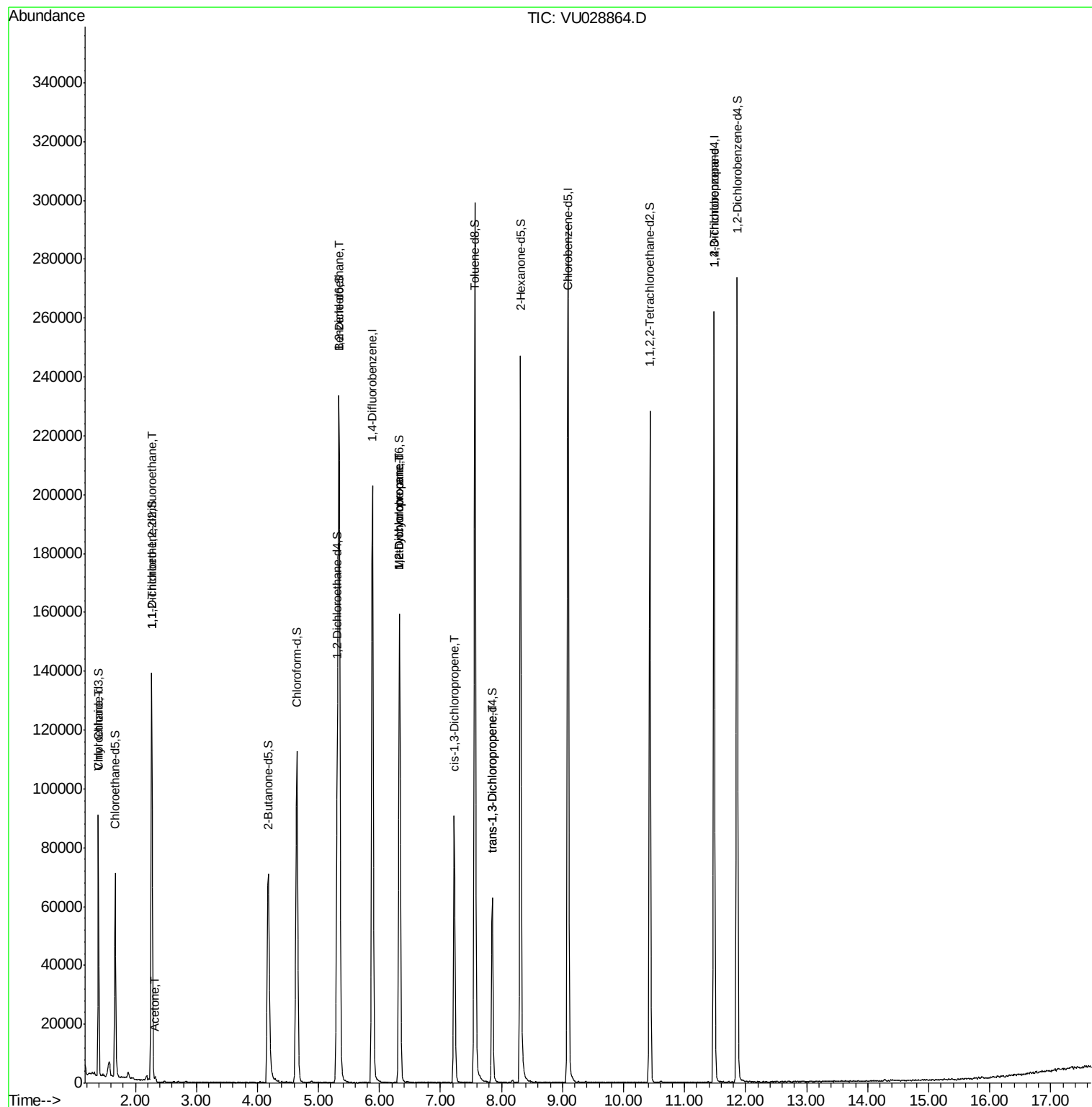
Target Compounds

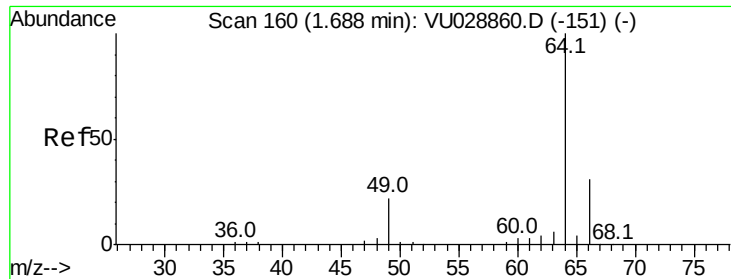
					Ovalue
8) Chloroethane	1.40	64	893	0.900 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	682	0.593 ug/L #	20
13) Acetone	2.32	43	593	0.584 ug/L	73
27) 1,2-Dichloroethane	5.34	62	1186	0.700 ug/L #	74
35) Methylcyclohexane	6.33	83	17898	8.268 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7553	5.019 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1885	0.879 ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1307	0.683 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	8765	4.881 ug/L	99

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

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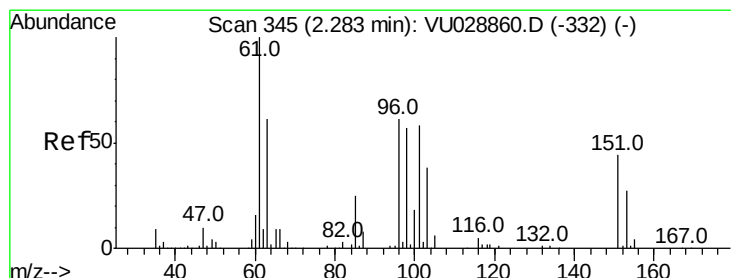
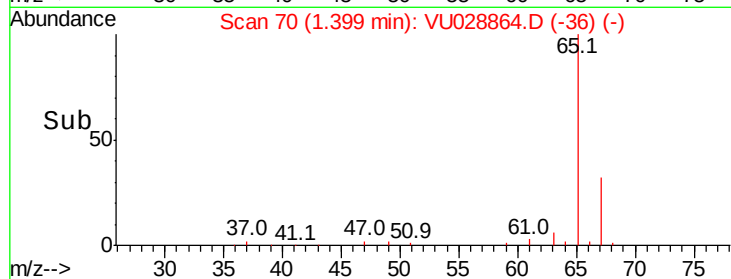
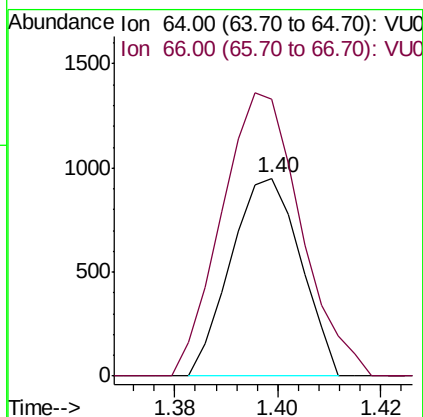
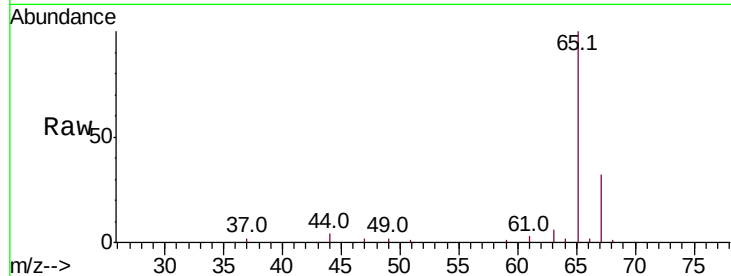
Quant Time: Dec 21 23:30:49 2018
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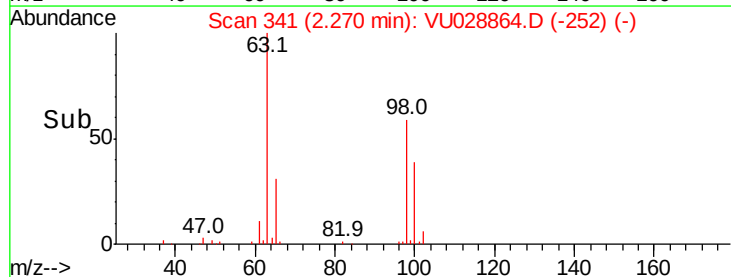
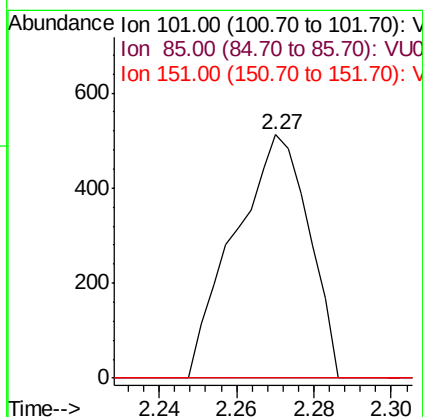
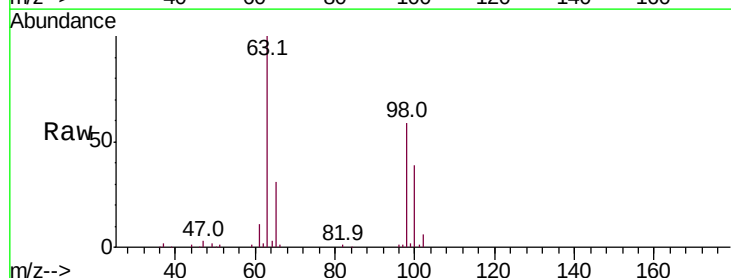
#8
 Chloroethane
 Concen: 0.900 ug/L
 RT: 1.40 min Scan# 70
 Delta R.T. -0.29 min
 Lab File: VU028864.D
 Acq: 21 Dec 2018 11:20

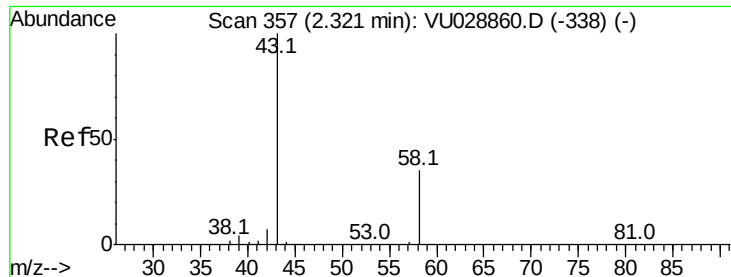
Tot Ion: 64 Resp: 893
 Ion Ratio Lower Upper
 64 100
 66 139.5 21.5 39.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.593 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU028864.D
 Acq: 21 Dec 2018 11:20

Tgt Ion:101 Resp: 682
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 59.4 89.0#





#13

Acetone

Concen: 0.584 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU028864.D

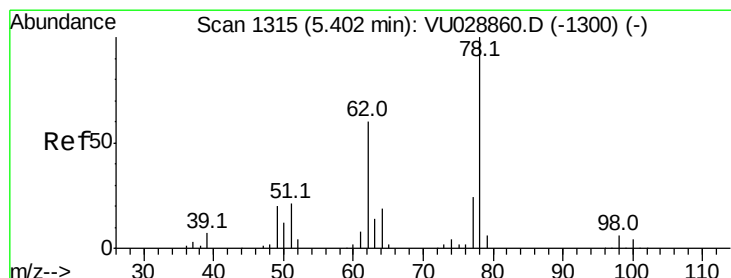
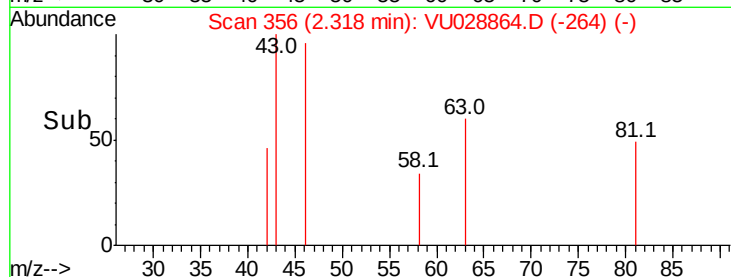
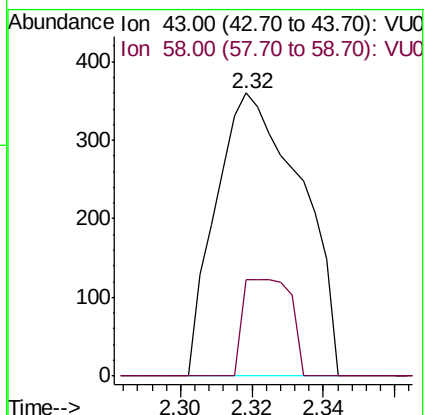
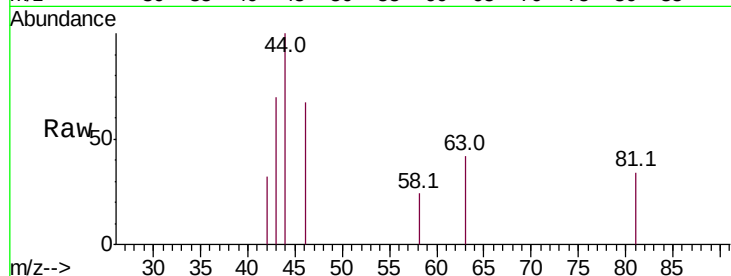
Acq: 21 Dec 2018 11:20

Tot Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

58 19.2 0.0 70.2



#27

1,2-Dichloroethane

Concen: 0.700 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.06 min

Lab File: VU028864.D

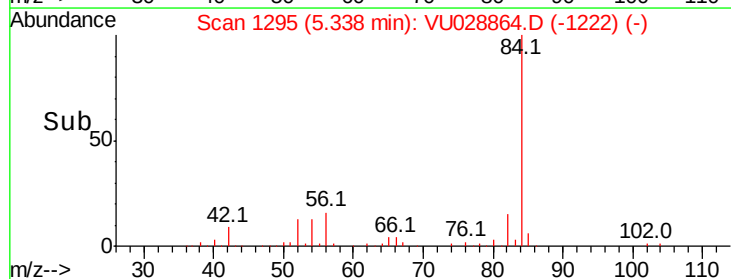
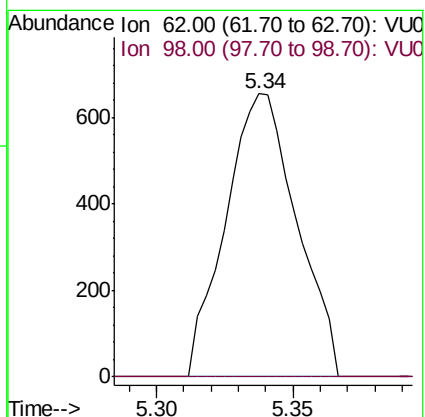
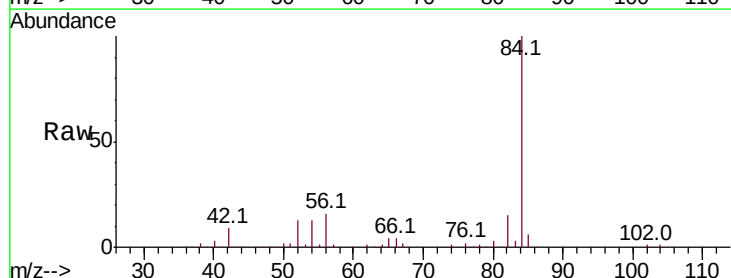
Acq: 21 Dec 2018 11:20

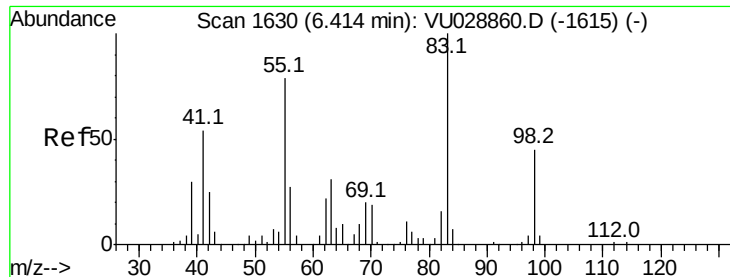
Tgt Ion: 62 Resp: 1186

Ion Ratio Lower Upper

62 100

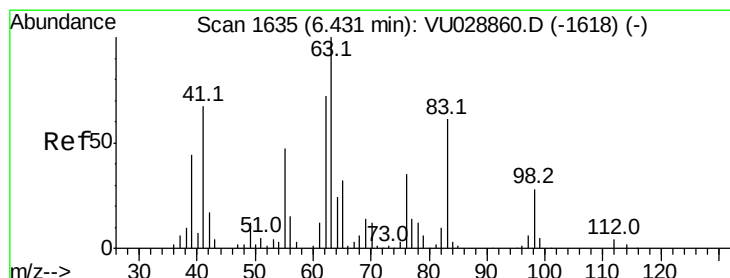
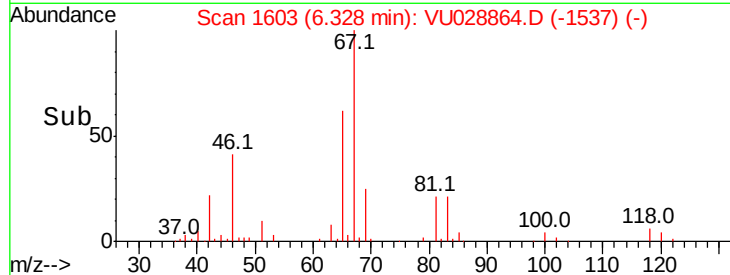
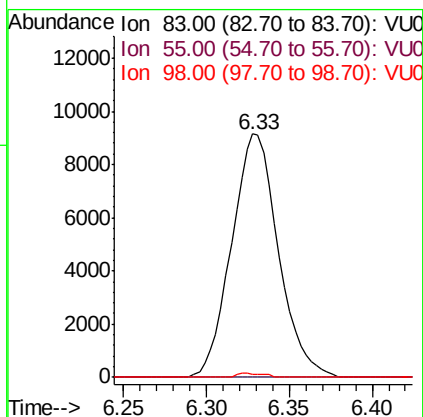
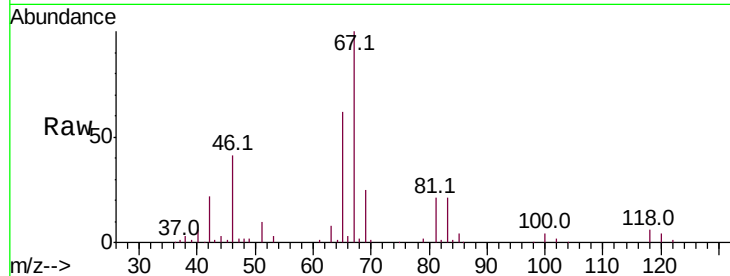
98 0.0 7.5 11.3#





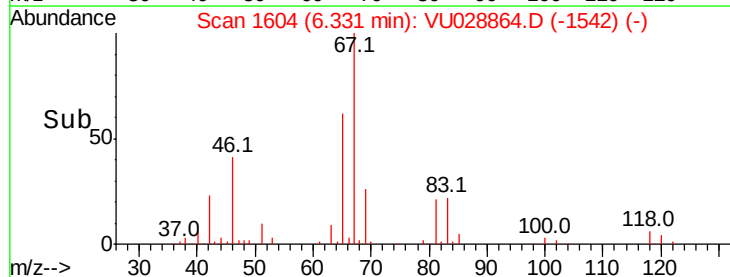
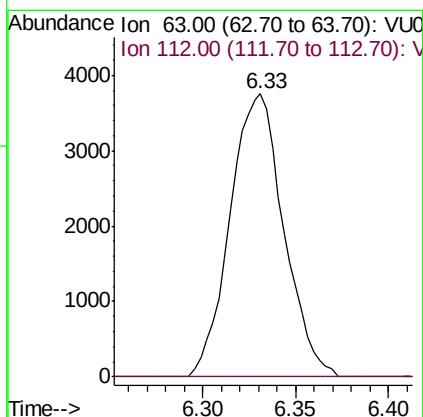
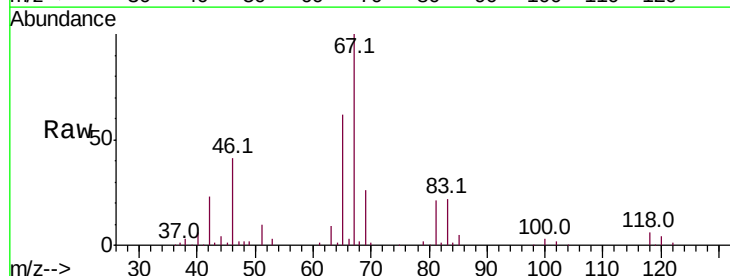
#35
Methylcyclohexane
Concen: 8.268 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028864.D
Acq: 21 Dec 2018 11:20

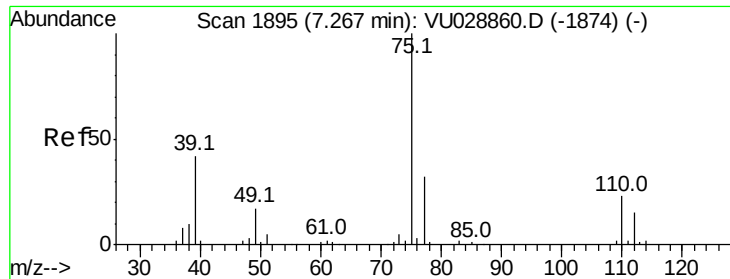
Tot Ion: 83 Resp: 17898
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 0.8 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 5.019 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028864.D
Acq: 21 Dec 2018 11:20

Tgt Ion: 63 Resp: 7553
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.879 ug/L

RT: 7.22 min Scan# 1882

Delta R.T. -0.04 min

Lab File: VU028864.D

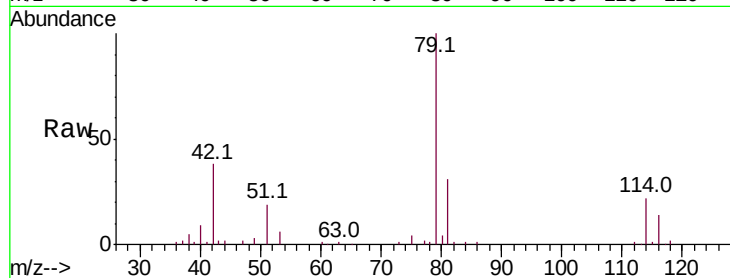
Acq: 21 Dec 2018 11:20

Tot Ion: 75 Resp: 1885

Ion Ratio Lower Upper

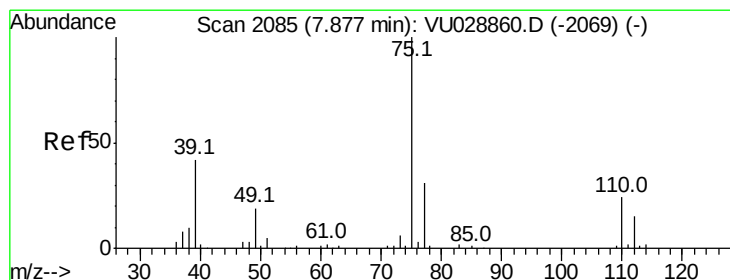
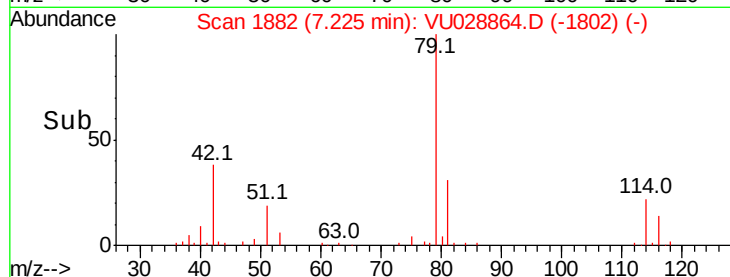
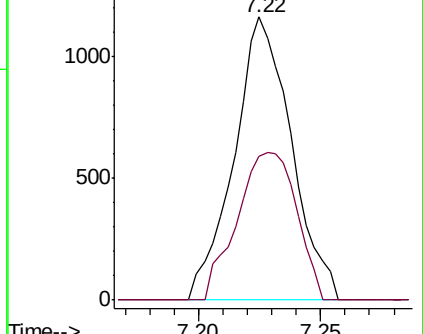
75 100

77 50.6 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.683 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028864.D

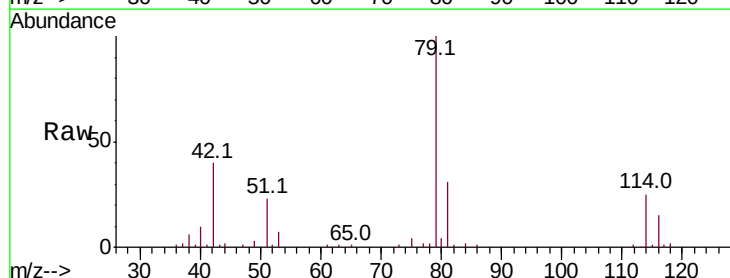
Acq: 21 Dec 2018 11:20

Tgt Ion: 75 Resp: 1307

Ion Ratio Lower Upper

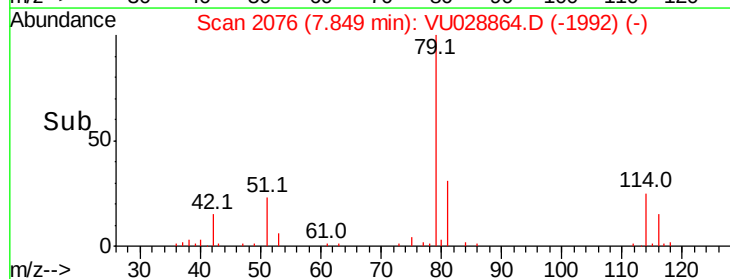
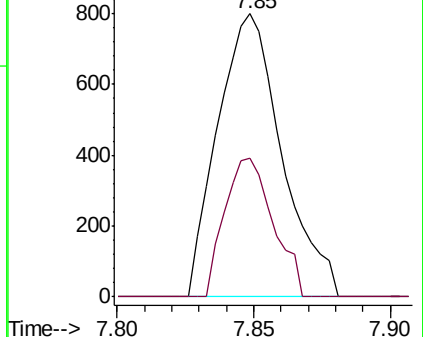
75 100

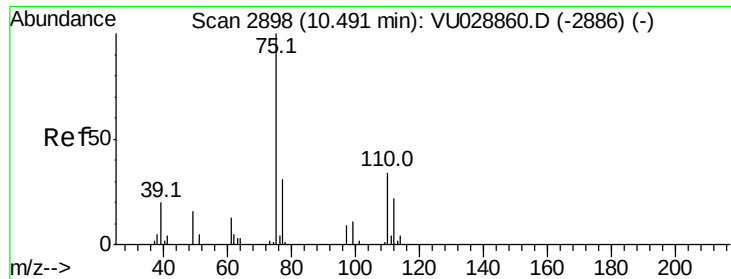
77 48.8 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.881 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028864.D

Acq: 21 Dec 2018 11:20

Tot Ion: 75 Resp: 8765

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

